Phase One Environmental Site Assessment

Part of Lot 20, Concession 2

Oakville, Ontario

Prepared For:

ARGO Development Corporation

4900 Palladium Way, Unit 105

Burlington, Ontario

L7M 0M7

DS Project No : 21-455-100
Date: 2022-02-22

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

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 with the legal description of Part of Lot 20, Concession 2, Oakville, Ontario, herein referred to as the "Phase One Property" or "the Site". It is DS's understanding that this Phase One ESA has been requested for the purposes of pre-purchase due diligence.

The Phase One Property is an irregularly shaped 11.29-hectare (27.90 acres) parcel of land situated within a mixed agricultural, commercial and residential neighbourhood in the Town of Oakville, Ontario. The Phase One Property is located on the northwest corner of the intersection of Neyagawa Boulevard and Burnhamthorpe Road West.

The Phase One ESA was completed in general accordance with the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objectives of the Phase One ESA are to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property.

The scope of work completed as part of the Phase One ESA included a review of reasonably ascertainable records and reports regarding historical and current use, regulatory information, occupancy, and activities for the Phase One Property, interviews with available individuals with knowledge of the current and former site activities, an inspection of the Phase One Property and activities on the adjacent properties and an evaluation of the information obtained with respect to potential concerns associated with the activities identified. 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 testing and is based solely on a review of readily available data, and observations made during the Phase One Site Reconnaissance.

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

- The Phase One Property appears to have been part of an agricultural and residential homestead prior to 1880. A small orchard was observed in the County Atlas adjacent to the historical homestead. It is possible that environmentally persistent pesticides/herbicides were applied to the orchard. By 1934 the residential dwelling and orchard were no longer visible and the property was utilized as an active agricultural field. By 2013 the southwestern portion of the Site was leased as a storage area to a landscaping contractor. The Phase One Property has otherwise been vacant and is still operating as an agricultural field

- The topography of the Phase One Property is generally flat, with a surface elevation of 185 metres above sea level (masl). Two ponds/depressions are present on the Phase One Property. The nearest large body of water is East Sixteen Mile Creek, located approximately 500 m north of the Phase One Property. The topography within the Phase One Study Area generally slopes to the south, towards Osenego Creek located 1km south of the property and towards Lake Ontario, located approximately 9 km south of the property. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 9 to 18 metres below ground surface. The shallow groundwater flow direction within the Phase One Study Area is inferred to be parallel with the local topography, extending south/southeast towards Osenego Creek. Long term groundwater monitoring would be required in order to confirm the direction of groundwater flow on the Phase One Property;
- Based on a review of the OGS Earth database, the Phase One Property is situated with 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 shale, limestone, dolostone and siltstone from the Queenston Formation. Based on a review of the MECP Well Records, the bedrock underlying the Phase One Property is anticipated at depths ranging from 9 to 20 metres below ground surface (mbgs);
- Historic aerial imagery and a report from the previous Phase One ESA Report (Chung & Vander Doelen Engineering Limited (CVD, 2016)) indicated that the southwestern portion of the Site – which was reportedly leased to a landscaping company – was occupied by more than ten soil stockpiles of varying sizes over time. CVD (2016) described the material as imported concrete, asphalt debris and miscellaneous granular material. The landscaping company was not available to identify the source of the soil. The site reconnaissance completed by CVD also identified black granular material which was reportedly stored on the south adjacent property at 501 Burnhamthorpe Road West, Oakville and was noted to be encroaching onto the southeastern portion of the Phase One Property
- The neighbouring properties within the Phase One Study Area appear to have been used for residential and agricultural purposes since the prior to the 1880s and for residential and agricultural purposes from the early 2000s.
- The south adjacent Property (501 Burnhamthorpe Road West) was occupied by a residential dwelling and a Quonset Hut at the time of the Site reconnaissance, and was used for residential and commercial purposes. There were two (2) ASTs at 501 Burnhamthorpe Road West, located immediately adjacent to the southeastern boundary of the Phase One Property.
- Based on a review of the information available at this time it is concluded that ten (10) PCAs were identified within the Phase One Study Area of which six (6) PCAs are considered to be contributing to six (6) APECs in, on, or under the Phase One Property. A summary of the PCAs

identified and the associated APECs is provided in Table 1-1 below. Note that the PCA numbers used below are per Table 2, Schedule D of O.Reg. 153/04.

Table E-1: Summary of APECs Identified on Phase One Property

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1A	Southwestern portion of the Property	#30: Importation of Fill Material of Unknown Quality	On Site PCA-1	PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR, PAHs	Soil
APEC-1B	Southwestern portion of the Property	#30 – Importation of Fill Material of Unknown Quality	On Site PCA-4	Metals, PAHs	Soil
APEC-1C	Southern portion of the Property	#30 – Importation of Fill Material of Unknown Quality	On Site PCA-9	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR, PAHs	Soil
APEC-2	Southwestern portion of the Property	PCA N/S - Storage of miscellaneous construction material and debris	On Site PCA-2	PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR	Soil and groundwater
APEC-3	Western portion of the Property	#40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On Site PCA-7	Metals, As, Sb, Se, CN-, OCPs	Soil
APEC-4	Southern Portion of the Property	#28 - Gasoline and Associated Products Storage in Fixed Tanks	Off Site PCA-10	PHCs, VOCs, PAHs	Groundwater

Based on the findings of this Phase One ESA, it is concluded that a Phase Two ESA would be recommended in order to investigate the aforementioned APECs and to assess the environmental

soil and groundwater conditions on the Phase One Property. A Record of Site Condition cannot be filed based on the findings of the Phase One ESA.

Table of Contents

TABLES

Enclosures

FIGURES

APPENDICES

1.0 Introduction

DS Consultants Ltd. (DS) was retained by ARGO Development Corporation to complete a Phase One Environmental Site Assessment (ESA) of the Property described as Part of Lot 20, Concession 2, Oakville, Ontario, herein referred to as the "Phase One Property". It is DS's understanding that this Phase One ESA has been requested for the purposes of pre-purchase due diligence.

The intended future residential property use is considered to be a more sensitive property use as defined under O.Reg. 153/04 (as amended) than the current commercial (leased storage for commercial business) 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 is to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property. The information obtained by the Phase One ESA will be used to assess whether further investigation in the form of a Phase Two ESA is merited. It should be noted that this Phase One ESA does not include any sampling or testing and is based solely on a review of readily available data, and observations made during the Phase One Site Reconnaissance.

1.1 Phase One Property Information

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

Table 1-1: Phase One Property Information

Criteria	Information	Source
Legal Description	PART LOT 20 CON 2 NDS TRAFALGAR, PART 1 20R9368 LYING W OF PART 1, PE200 EXCEPT PART 4 20R13713 & PARTS 1, 2 HR1104980 AND PART 1 20R20812, Town of Oakville, Ontario	Ontario Land Registry
Property Identification Number (PIN)	24929-6762 (LT)	Ontario Land Registry
Municipal Address	Part of Lot 20, Concession 2, Oakville, Ontario	Phase One Questionnaire
Zoning	Existing Development	Zoning By-Law 2009-189
Property Owner	Dorham Holdings Inc.	Phase One Questionnaire

Criteria	Information	Source
Property Owner Contact Information	Mary Mitar 1330 Courtneypark Drive East Mississauga, Ontario, L5T 1K5 Phone: 416-573-0852 Email: mary.mitar@ariva.ca	Phase One Questionnaire
Current Site Occupants	Vacant	Site Reconnaissance
Site Area	11.3 hectares (28.0 acres)	Ontario Land Registry
Centroid UTM Coordinates	Northing: 4814953.09 N Easting: 599951.94 E Zone: 17T	Google Earth

1.2 Site Description

The Phase One Property is an irregularly shaped 11.3-hectare (28.0 acres) parcel of land situated within an agricultural and mixed residential and commercial neighbourhood in the Town of Oakville, Ontario. The Phase One Property is located immediately northwest of the intersection of Neyagawa Boulevard and Burnhamthorpe Road West and was vacant at the time of this investigation. A Site Location Plan depicting the general location of the Site is provided in Figure 1.

For the purposes of this report, Burnhamthorpe Road West is assumed to be aligned in an east-west orientation, and Neyagawa Boulevard in a north-south orientation. A Plan of Survey for the Phase One Property was not available at the time of this assessment.

The Site is currently vacant and the majority of the property was comprised of agricultural fields. The southwestern portion of the Site which is leased to a landscaping company which is storing various landscaping equipment and trailers on-Site.

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 ERIS, a commercial database that provides information from numerous private, provincial, and federal environmental databases/registries;
- Review of fire insurance plans, municipal directory documentation and available environmental reports that are pertinent to the Phase One Property;
- Regulatory Information, including such as Permits or Certificates of Approval (pertaining to activities that may impact the condition of the property, orders, control orders, or complaints related to environmental compliance that may impact the condition of the property, and violations of environmental statutes, regulations, by-laws, and permits that may impact the condition of the property;
- Environmental source information including published and online records from Ministry of Environment, Conservation and Parks (MECP), Environment Canada, Technical Standards and Safety Authority (TSSA), and the City of Toronto; and
- The Ontario Ministry of Natural Resources (MNR) Natural Heritage Information Centre database and the Conservation Authority website for information specific to natural areas, such as locations of environmentally sensitive areas or species.

- Interviews with available individuals having knowledge of current and/or past site activities;
- An inspection of the Phase One Property, and the activities on the adjacent properties, including and assessment of the following:
  - The site operations, processes, and waste management currently carried out on the Phase One Property.
  - The neighbouring land uses (i.e. identification of environmentally sensitive neighbours, as well as an assessment of potential off-site sources of contamination);
  - The source of potable water for the Phase One Property and properties within the Phase One Study Area;
  - The potential presence of existing or former above-ground or underground fuel storage tanks (ASTs or USTs);
  - Possible cut and fill operations that may resulted in the importation of fill material of unknown quality;
  - The presence/absence of floor cracks, hydraulic hoists, elevators, sumps and drains;
  - Areas suspected to contain evidence of surficial and sub-surface impacts (e.g. areas of staining);
  - The potential presence of various Designated Substances and building materials including:

  - Friable and non-friable asbestos
  - Urea formaldehyde foam insulation (UFFI)
  - Chlorofluorocarbons (CFCs) in air conditioning and refrigeration equipment
  - PCB-containing materials and electrical equipment
  - Lead-based paint
  - Mould
- The presence/absence of wells, pits and lagoons, drainage sumps and floor drains, sewage and wastewater disposal pipelines; and
- General site conditions, including topography and drainage, standing water, right-of-ways, presence of underground utilities, evidence of stained or odorous soils, and stressed vegetation.

◈ Evaluation of the information and documentation of the results in the form of a Phase One ESA Report.

The objectives of the Phase One ESA are:

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

3.0 Records Review

3.1 General

3.1.1 Phase One Study Area Determination

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

The properties within 250 m of the Phase One Property generally consist of residential and agricultural land uses. An assessment of the historical and current use of all properties within the Phase One Study Area was conducted in order to assess for the presence/absence of potentially contaminating activities. A summary of the potentially contaminating activities identified within the

Phase One Study Area is provided under Section 6.2. A plan depicting the Phase One Study Area limits as well as the current land uses is presented on 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 first developed use of the Phase One Property was for residential purposes and occurred prior to 1880.

3.1.3 Fire Insurance Plans

Fire Insurance Plans (FIPs) were prepared between 1875 and 1923 and revised in some areas until the 1970s. A search of FIPs was undertaken by ERIS, an environmental database and information service company. FIPs were requested to confirm the building construction, occupancy, and potential fire hazardous with details regarding storage tanks, boilers, transformers, electrical room, etc. ERIS confirmed that there were no FIPs available for the Phase One Property.

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 site was obtained from aerial photographs and the Phase One Interview.

3.1.5 Environmental Reports

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

- *"Phase I Environmental Site Assessment, Concession 2, NDS PT Lot 20, Reference Plan 20R-16344, Oakville, Ontario", prepared* for 2433170 Ontario Inc.*,* prepared by Chung & Vander Doelen (CVD) Engineering Ltd., dated December 13, 2016 (CVD 2016 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.

CVD 2016 Phase I ESA

The CVD 2016 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:

- During the time of this investigation CVD (2016) concluded that the Site was an undeveloped rural agricultural land with a portion of the Site leased to a private contractor (landscaper) for the storage of miscellaneous landscaping equipment.
- Stockpiles of imported concrete and asphalt debris and miscellaneous granular material were observed on the southwestern portion of the Site **(PCA-1).**
- The west adjacent residential property was assumed to have a historic AST associated with the storage of furnace oil for heating purposes **(PCA-3).**
- During the site reconnaissance CVD (2016) observed black granular material stored on the south adjacent property to be encroaching onto the southeastern portion of the Phase One Property **(PCA-5).**

CVD (2016) concluded that the aforementioned PCAs were of low environmental concern and did not recommend further investigation. It should be noted that the aforementioned PCAs 1 and 5 are on-Site PCAs which require investigation in accordance with the requirements of O.Reg. 153/04. It is also the opinion of DS that given the proximity of PCA-3 to the Site, further investigation is warranted.

Previous Report Summary

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

- **PCA-1**: #30 - Importation of Fill Material of Unknown Quality
- **PCA-3**: #28 - Gasoline and Associated Products Storage in Fixed Tanks
- **PCA-5**: #30 - Importation of Fill Material of Unknown Quality

3.1.6 City Directories

DS contacted ERIS to request a search of City Directories available for the Phase One Property and properties within the Phase One Study Area. Limited City Directories were available for DS to review at the time of this investigations. Due to the current COVID-19 pandemic, municipal facilities, including libraries have been closed for an undetermined amount of time. ERIS's internal limited database search for the Phase One Property and surrounding area found limited results, indicating that most addresses within the Study Area were either not listed, or not available for review. Once Town and City Libraries are operating, a search will be conducted, and the client will be informed of any pertinent results.

3.2 Environmental Source Information

3.2.1 Eris Report

DS contacted Environmental Risk Information Services Ltd. (ERIS), an environmental database and information service company, to request a search of government and private records for information pertaining to the Phase One Property and Phase One Study Area. ERIS 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;	Inventory of PCB Storage Sites; Landfill Inventory Management Ontario; List of TSSA Expired Facilities; Mineral Occurrences; Non-Compliance Reports; Ontario Oil and Gas Wells; Ontario Regulation 347 waste Generators Summary; Ontario Regulation 347 Waste Receivers Summary; Ontario Spills; Orders; Permit to Take Water; Pesticide Register; Private and Retail Fuel Storage Tanks; Record of Site Condition; Waste Disposal Sites – MECP 1991 Historical Approval Inventory; Waste Disposal Sites – MECP CA Inventory;

TSSA Variances for Abandonment of Underground Storage Tanks;	Wastewater Discharger Registration Database; and Water Well Information System

The ERIS report indicated that there were two (2) listings for the Phase One Property, and thirty-nine (39) 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 on Phase One Property

Database/Date	Entry Details	PCA ID No.
ERIS Historical Searches (EHS)	An ERIS Historical Search was requested for the Site in November 2016 likely as part of the Chung and Vander Doelen Phase I ESA conducted for the Property.	N/A
Water Well Information System (WWIS)	There is a record for a domestic water supply well on the Phase One Property (Well ID: 2802215) to a depth of approximately 20 metres below ground surface (mbgs) constructed in September 1961.	N/A

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

Database/Date	Entry Details	PCA ID No.
Certificates of Approval (CA)	King's Christian Collegiate, located approximately 14m southeast of the Phase One Property was granted a certificate of approval in April 2010 for municipal and private sewage works.	N/A
ERIS Historical Searches (EHS)	There are seven (7) listings for ERIS Historical Searches in the Phase One Study Area as follows: ◆ An ERIS historical search was requested in December 2005 for the site located at the northeast and northwest corners of Burnhamthorpe Road West, approximately 6m from the Phase One Property. ◆ There are four (4) identical entries for 501 Burnhamthorpe Road West for historical search requested in June 2020, located approximately 10m southeast of the Phase One Property. ◆ 4 Line Burnhamthorpe Road West, located approximately 125m southeast of the Phase One Property, was issued a historical search report in March 2014. ◆ One (1) entry for 337-353 Burnhamthorpe Road West, located approximately 217m northeast of the Phase One Property, has a historical search report that was requested in April 2012.	N/A

Database/Date	Entry Details	PCA ID No.
Ontario Regulation 347 Waste Generator Summary (GEN)	Eleven (11) entries pertaining to King's Christian Collegiate located at 528 Burnhamthorpe Road West, approximately 26m southeast of the Phase One Property, operating as an elementary and secondary school that has been registered as a waste generator for inorganic laboratory chemicals, waste oils and lubricants and organic laboratory chemicals from 2009 to 2021. It is anticipated that relatively minor quantities of waste are generated by the school. As such, this is not considered to be a PCA.	N/A
Ontario Spills (SPL)	One (1) entry from January 1998 for the Region of Halton Landfill on 4th Line and Burnhamthorpe Road West, approximately 14m southeast of the Phase One Property, that reports a leachate spill of an unknown amount to the ground and creek which resulted from a container overflow during the rain leading to possible environmental impact to the land and water.	**PCA-6**
Waste Disposal Sites – MOE CA Inventory	There are eleven (11) entries for the closed Oakville landfill site, located at 3430 Fourth Line, approximately 230m southeast of the Phase One Property, that reportedly operated from the late 1970s to 1990s under the Regional Municipality of Halton and reported 445.5 tonnes of domestic waste, 202.5 tonnes of non-hazardous solid waste and 27 tonnes of waste classified as others spread over an aggregate area of 37 hectares (91 acres).	**PCA-7**
Water Well Information System (WWIS)	Eight (8) wells were identified in the Phase One Study Area, of which seven (7) were listed as domestic wells and one (1) was listed as a livestock water supply well. 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 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 December 16, 2021 and January 5, 2022 from Ms. Sherees of the TSSA, no records for the Phase One Property and properties located in the Study Area at following inquired addresses:

Table 3-4: Summary of TSSA Search Results

Street Name	Street Number
Burnhamthorpe Road West	501, 528, 1036
Fourth Line	3489, 3487, 3485, 3483, 3479, 3473, 3469, 3467, 3465, 3463, 4022, 4060, 4092, 4116, 4119, 3453, 3451

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

According to the MNRF the following species at risk are present within 1km of the Site:

- The endangered Northern Bobwhite - Northern Bobwhites live in savannahs, grasslands, around abandoned farm fields, along brushy fencerows and other similar sites
- The threatened Silver Shiner - silver shiners prefer moderate to large size streams with swift currents that are free of weeds and have clean gravel or boulder bottoms
- The Midland Painted Turtle – a species of special concern. Painted turtles inhabit waterbodies, such as ponds, marshes, lakes and slow-moving creeks, that have a soft bottom and provide abundant basking sites and aquatic vegetation.

- The threatened Eastern Meadowlark - Eastern Meadowlarks breed primarily in moderately tall grasslands, such as pastures and hayfields, but are also found in alfalfa fields, weedy borders of croplands, roadsides, orchards, airports, shrubby overgrown fields, or other open areas. Small trees, shrubs or fence posts are used as elevated song perches.
- The threatened Bobolink - historically, Bobolinks lived in North American tallgrass prairie and other open meadows. With the clearing of native prairies, Bobolinks moved to living in hayfields.
- The Snapping Turtle – a species of special concern. Snapping Turtles spend most of their lives in water. They prefer shallow waters so they can hide under the soft mud and leaf litter, with only their noses exposed to the surface to breathe. During the nesting season, from early to mid summer, females travel overland in search of a suitable nesting site, usually gravelly or sandy areas along stream
- The eastern Milksnake – a species of special concern. Eastern Milksnakes tend to use open habitats such as rocky outcrops, fields and forest edge. In rural areas this snake may be common, especially around barns where they thrive on the abundant mice.

The Phase One Property does not contain any streams, savannahs, grassland, abandoned farm fields (the agricultural lands present are actively in use), prairie, meadows, rocky outcrops, fields or forests. The Phase One Property does contain two isolated ponds, given the distance of these ponds from the nearest creek (the East Sixteen Mile Creek located 500m north of the Site), as well as the active use of the Site as an agricultural field, and the presence of the 407 Highway between the creek and ponds, Snapping and Midland Painted Turtles are unlikely to occur on the Site. If required, an environmental specialist can be retained to undertake an investigation.

With consideration of the above, no areas of natural or scientific interest were identified within the Phase One Study Area.

3.2.5 Ontario Watershed Boundaries (OWB)

According to the Ontario Watershed Boundaries (OWB) online mapping system, no watercourse is presented on the Property, or within the Phase One Study Area. The Phase One Property is located in the Sixteen Mile Creek watershed.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs and Historical Mapping

Aerial Photographs for the years 1934, 1954, 1961, 1974 and 1985 were obtained from ERIS and reviewed as part of this assessment. The County Atlas of Halton was reviewed in order to provide a more historical image from the year 1880. Google Earth was used to review satellite imagery from the years 2006, 2009, 2013, 2015, 2016 and 2021. 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 3-5: 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 Mr. Jno Askin. There appears to be a residential dwelling and an orchard located along the western boundary of the Site.	**PCA-7**
North of the Site	A tributary of Sixteen Mile Creek runs north of the Phase One Property. However, it appears to be beyond the Phase One Study Area.	No PCA
South of the Site	An orchard and a residential dwelling can be observed on the south adjacent property.	**PCA-8**
East of the Site	An orchard and a residential dwelling can be observed east of the Phase One Property.	**PCA-8**
West of the Site	There are three orchards and residential dwellings on the west adjacent property along the western boundary of the Phase One Property.	**PCA-8**
1934		
Phase One Property	The residential dwelling and orchard are no longer visible on the Phase One Property. However, the area where the historic residential dwelling and orchard were appears to be graded.	**PCA-9**
North and East of the Site	No significant changes.	No PCA
South of the Site	The south adjacent property across Burnhamthorpe Road West appears to be part of the private residential dwelling, and may have been used for agricultural purposes	No PCA
West of the Site	One residential dwelling can be observed on the southwest corner of the west adjacent property.	No PCA
1954		
Phase One Property	No significant changes.	No PCA
North, South, East and West of the Site	No significant changes.	No PCA
1961		
Phase One Property	Two ponds can be observed on the Phase One Property.	No PCA
South of the Site	A private residential dwelling can be observed on the south adjacent property.	No PCA
West of the Site	A residential dwelling can be observed west of the Phase One Property in the study area.	No PCA
North and East of the Site	No significant changes.	No PCA
1974		
Phase One Property	A small graded area appears to be present in the southeastern portion of the Site, connected to the south adjacent property.	No PCA
West of the Site	Two residential dwellings have been developed on the west adjacent property.	No PCA
South of the Site	No significant changes.	No PCA
1985		
Phase One Property	No significant changes.	No PCA

Location	Observations	PCA ID No.
West of the Site	Additional residential development can be observed on the west adjacent property.	No PCA
North, South and East of the Site	No significant changes.	No PCA
2006		
Phase One Property	Five stockpiles of soil are visible within the southwestern portion of the Site.	**PCA-1**
	Several cars are parked on the graded area in the southeastern portion of the Site, which is associated with the south adjacent property.	No PCA
South of the Site	Additional development can be observed on the south adjacent property where a Quonset Hut is visible and beyond Burnhamthorpe Road West King's Christian College has been developed.	No PCA
North and East of the Site	Highway 407 ETR and municipal roads have been developed north and east of the Phase One Property respectively.	No PCA
West of the Site	No significant changes.	No PCA
2009		
Phase One Property	An asphalt driveway and parking area has been constructed within the southwestern portion of the property. More than ten additional smaller stockpiles of soil are visible. Inferred to likely be associated with the landscaping business the area was leased to. However, the landscaping company was not available for comment pertaining to the source of the soil materials.	**PCA-2**
North, South, East and West of the Site	No significant changes.	No PCA
2013		
Phase One Property	The southwestern portion of the Site is occupied by what appears to be various vehicles, soil stockpiles as well as miscellaneous materials and refuse.	**PCA-1, PCA-2**
North, South, East and West of the Site	No significant changes.	No PCA
2015		
Phase One Property	No significant changes.	No PCA
North, East and West of the Site	No significant changes.	No PCA
South of the Site	The land further south is being graded for future development.	No PCA
2016		
Phase One Property	No significant changes.	No PCA
North, East and West of the Site	No significant changes.	No PCA
South of the Site	A residential sub-division has been developed south of the Phase One Property.	No PCA
2021		
Phase One Property	No significant changes.	No PCA
North, South, East and 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 185 metres above sea level (masl). Two ponds/depressions are present on the Phase One Property. The nearest

large body of water is East Sixteen Mile Creek, located approximately 500 m north of the Phase One Property. The topography within the Phase One Study Area generally slopes to the south, towards Osenego Creek located 1 km south of the property and towards Lake Ontario, located approximately 9 km south of the property. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 9 to 18 metres below ground surface. The shallow groundwater flow direction within the Phase One Study Area is inferred to be parallel with the local topography, extending south/southeast towards Osenego Creek.

The Site is situated within a Till Moraines physiographic region. The overburden within the Phase One Study area is described as "clay to silt-textured till (derived from glaciolacustrine deposits or shale)", and the bedrock is described as shale, limestone, dolostone and siltstone from the Queenston Formation. Based on a review of the MECP well records, the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth range of 9 to 20 metres below ground surface (mbgs).

3.3.3 Fill Materials

Historic aerial imagery and CVD's (2016) report indicates that the southwestern portion of the Site – which was reportedly leased to a landscaping company – was occupied by more than ten soil stockpiles of varying sizes over time. CVD (2016) describes the material as imported concrete, asphalt debris and miscellaneous granular material. The landscaping company was not available to identify the source of the soil (**PCA-1**).

During the site reconnaissance CVD (2016) observed black granular material stored on the south adjacent property to be encroaching onto the Phase One Property (**PCA-4**).

Based on a review of the 1880 Halton County atlas map there was a residential dwelling located on the central-western portion of the Phase One Property. Fill materials of unknown origin may have been utilized in demolition of the residential dwelling (**PCA-9**).

PCA Identified:

- **PCA-1**: #30 – Importation of Fill Material of Unknown Quality
- **PCA-4**: #30 – Importation of Fill Material of Unknown Quality
- **PCA-9**: #30 – Importation of Fill Material of Unknown Quality

3.3.4 Water Bodies and Areas of Natural Significance

During the site visit, standing water was not observed on the Property. However it is noted that snow cover may have obscured standing water present within the two on-Site depressions. The nearest body of water to the Phase One Property is East Sixteen Mile Creek, located approximately 500 m to the north. 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 and is unlikely to contain habitat for Species at Risk. 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 ERIS database query. One (1) record for a well instrumented for domestic usage was available for the Phase One Property.

Eight (8) wells were identified in the Phase One Study Area, of which seven (7) were listed as domestic wells and one (1) was listed as a livestock water supply well.

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 structure and has been used for agricultural 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
January 10, 2022	Mary Mitar	Owner	President of Dorham Holdings Inc.	Questionnaire

4.2 Interviewee Rationale

The Site is currently vacant and Dorham Holdings Inc. has owned the Property since 1989. Ms. Mary Mitar is considered to be the most knowledgeable person regarding the historical site operations. The Phase One Interview was conducted by Ms. Kirstin Olsen, M.Sc. under the supervision of Mr. Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA}.

4.3 Results of Interview

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

- The Phase One Property has been owned by Dorham Holdings Inc., since 1989.

- According to Ms. Mitar the Property was formerly used as a farmland for agricultural purposes and is currently vacant. The southwestern portion of the Property is leased to a landscaping company that stores equipment and vehicles on-Site.
- Ms. Mitar was unaware of any use of aboveground or underground storage tank on the Property.
- Ms. Mitar was not aware of fill materials brought on the Property.
- Ms. Mitar is not aware of any current or past use of pesticides/herbicides applied on the Property.
- 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.

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:	22nd December 2021
Time of Investigation:	9 am
Weather Conditions:	Cloudy, -1^{0}C
Duration of Investigation:	1.5 hours
Facility Operation:	Vacant
Name and Qualification of Person(s) conducting the assessment	Fahmida Anwar, B.Sc., under the supervision of Patrick Fioravanti, B.Sc., P.Eng., QP_{ESA}
Limitations	Snow covered ground. Access to the interior of the shipping containers was not provided.

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. The southwestern portion of the Site was leased to a landscaping contractor that stored equipment and vehicles on-Site.
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 is covered in vegetation (grass, shrubs, trees) with the exception of a small, paved entrance which is located adjacent to Burnhamthorpe Road West and another one along Fourth Line in the southwest portion of the Phase One Property. The southwestern portion of the property contains an asphalt driveway and parking lot, surrounded by soil stockpiles and shipping containers.

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. It is noted that snow cover limited visibility of any potential soil stockpiles and/or miscellaneous debris and/or refuse.
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. It is not anticipated that any ACMs remain 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. No structures were present on the Site. Lead containing materials are not anticipated to be present on-site.
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. No structures were present on the Site. PCB containing materials are not anticipated to be present on-site.
iv.	Urea Formaldehyde Foam Insulation (UFFI)	Urea-Formaldehyde Foam Insulation (UFFI) was introduced in Canada during the 1970s and was banned in 1980. No structures were present on the Site. UFFI is not anticipated to be present on-site.
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 storage of herbicides or pesticides were observed.
vii.	Mould	No structures were present on the Site. Mould is not anticipated to be present on-site.

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	There are two excavated ponds located on-site, one on the northern portion and one on the southern portion of the Phase One Property.
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 residential, agricultural and commercial, as described in the table below:

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

Observation	Details
Phase One Property	The Phase One Property was vacant at the time of the site reconnaissance, with the exception of the southwestern portion of the Site which was used for vehicle and equipment storage purposes by a landscaping contractor. The orientation of the Site is depicted on Figure 2.
North Adjacent Property	The north adjacent Property was occupied by parkland and Highway 407 at the time of the site reconnaissance.
East Adjacent Property	The east adjacent Property was occupied by vacant land at the time of the site reconnaissance, and was used for agricultural/other purposes.
South Adjacent Property	The south adjacent Property was occupied by a residential dwelling and a Quonset Hut at the time of the site reconnaissance, and was used for residential and commercial purposes. There were two (2) ASTs on the property **(PCA-10)**. The south adjacent Property across Burnhamthorpe Road West was occupied by King's Christian College and single family residential dwellings at the time of the site reconnaissance and was used for institutional and residential purposes.
West Adjacent Property	The west adjacent Property was occupied by single family residential dwellings at the time of the site reconnaissance and was used for residential purposes.

Observation	Details
Water Bodies	Two ponds/depressions are present on the Phase One Property. The nearest large body of water to the Phase One Property is East Sixteen Mile Creek, located approximately 500 m to the north.
Areas of Natural Significance	None observed

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

6.0 Review and Evaluation of Information

6.1 Current and Past Uses

Current and past uses of the Phase One Property have been inferred based on the information provided in the aerial photographs, city directories and conversations with the site representative. The Property appears to have been part of an agricultural and residential homestead prior to 1880. By 1934 the residential dwelling was demolished and the property was utilized as an active agricultural field. By 2013 the southwestern portion of the Site was leased as a storage area to a landscaping contractor. The Phase One Property has otherwise been vacant and is still operating as an agricultural field.

6.2 Potentially Contaminating Activity

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

Table 6-1: Summary of PCAs

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
PCA-1	#30 – Importation of Fill Material of Unknown Quality	Historic aerial imagery and CVD's (2016) report indicates that the southwestern portion of the Site – which was reportedly leased to a landscaping company – was occupied by more than ten soil stockpiles of varying sizes over time. CVD (2016) describes the material as imported concrete, asphalt debris and miscellaneous granular material. The landscaping company was not available to identify the source of the soil.	Yes – APEC-1A

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
PCA-2	N/S - Storage of miscellaneous construction material and debris	Historic aerial imagery indicates that the southwestern portion of the Site – which was reportedly leased to a landscaping company – was occupied by various vehicles as well as miscellaneous materials and refuse.	Yes – APEC-2
PCA-3	#28 - Gasoline and Associated Products Storage in Fixed Tanks	According to CVD (2016) the west adjacent residential property was assumed to have a historic AST associated with the storage of furnace oil for heating purposes.	No – If present the AST would be located more than 30m from the Site and transgradient to groundwater flow.
PCA-4	#30 – Importation of Fill Material of Unknown Quality	During the site reconnaissance CVD (2016) observed black granular material stored on the south adjacent property to be encroaching onto the southeastern portion of the Phase One Property.	Yes – APEC-1B
PCA-5	N/S – Spill	In January 1998 the Region of Halton Landfill on 4th Line and Burnhamthorpe Road West, approximately 14m southeast of the Phase One Property, reported a leachate spill of an unknown amount to the ground and creek which resulted from a container overflow during the rain leading to possible environmental impact to the land and water.	No - The former landfill is 230 m south of the Phase One Property
PCA-6	#58 – Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	The closed Oakville landfill site, located at 3430 Fourth Line, approximately 230m southeast of the Phase One Property, reportedly operated from the late 1970s to 1990s under the Regional Municipality of Halton and reported 445.5 tonnes of domestic waste, 202.5 tonnes of non-hazardous solid waste and 27 tonnes of waste classified as others spread over an aggregate area of 37 hectares (91 acres).	No – Based on a review of the historical and current aerial imagery it has been determined that the former landfill is more than 250 m south of the Phase One Property.
PCA-7	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	According to the Halton County Atlas from 1880, the Phase One Property appears to have a residential dwelling with an orchard located along the western boundary of the Site.	Yes – APEC-3

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
PCA-8	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	An orchard and a residential dwelling can be observed on the south, east and west adjacent properties in the 1880 Halton County Atlas map.	No – due to distance from the Phase One Property and limited mobilization of the contaminants.
PCA-9	#30 – Importation of Fill Material of Unknown Quality	In the 1934 aerial imagery, the residential dwelling and orchard are no longer visible on the Phase One Property. However, the area where the historic residential dwelling and orchard were appears to be graded.	Yes – APEC-1C
PCA-10	#28 - Gasoline and Associated Products Storage in Fixed Tanks	The south adjacent Property was occupied by a residential dwelling and a Quonset Hut at the time of the site reconnaissance, and was used for residential and commercial purposes. There were two (2) ASTs on the property.	Yes – APEC-4

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

6.3 Areas of Potential Environmental Concern

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

Table 6-2: Summary of APECs

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1A	Southwestern portion of the Property	#30: Importation of Fill Material of Unknown Quality	On Site PCA-1	PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR, PAHs	Soil
APEC-1B	Southwestern portion of the Property	#30 – Importation of Fill Material of Unknown Quality	On Site PCA-4	Metals, PAHs	Soil
APEC-1C	Southern portion of the Property	#30 – Importation of Fill Material of Unknown Quality	On Site PCA-9	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR, PAHs	Soil
APEC-2	Southwestern portion of the Property	PCA N/S - Storage of miscellaneous construction material and debris	On Site PCA-2	PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR	Soil and groundwater
APEC-3	Western portion of the Property	#40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On Site PCA-7	Metals, As, Sb, Se, CN-, OCPs	Soil
APEC-4	Southern Portion of the Property	#28 - Gasoline and Associated Products Storage in Fixed Tanks	Off Site PCA-10	PHCs, VOCs, PAHs	Groundwater

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

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

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

6.4 Phase One Conceptual Site Model

A Conceptual Site Model was developed for the Phase One Property, located at Part of Lot 20, Concession 2, Oakville, Ontario. The Phase One Conceptual Site Model is presented in Drawings 3, 4 and 5 and visually depict the following:

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

6.4.1 Potentially Contaminating Activity Affecting the Phase One Property

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

Table 6-3: Summary of PCAs Contributing to APECs

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Rationale
1	PCA-30: Importation of Fill Material of Unknown Quality	Historic aerial imagery and CVD's (2016) report indicates that the southwestern portion of the Site – which was reportedly leased to a landscaping company – was	PCA is on-Site

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Rationale
		occupied by more than ten soil stockpiles of varying sizes over time. CVD (2016) describes the material as imported concrete, asphalt debris and miscellaneous granular material. The landscaping company was not available to identify the source of the soil.	
2	N/S - Storage of miscellaneous construction material and debris	Historic aerial imagery indicates that the southwestern portion of the Site – which was reportedly leased to a landscaping company – was occupied by various vehicles as well as miscellaneous materials and refuse.	PCA is on-Site
4	PCA-30: Importation of Fill Material of Unknown Quality	During the site reconnaissance CVD (2016) observed black granular material stored on the south adjacent property to be encroaching onto the Phase One Property.	PCA is on the south adjacent property.
7	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	According to the Halton County Atlas from 1880, the Phase One Property appears to have a residential dwelling with an orchard located along the western boundary of the Site.	PCA is on-Site
9	PCA-30: Importation of Fill Material of Unknown Quality	In the 1934 aerial imagery, the residential dwelling and orchard are no longer visible on the Phase One Property. However, the area where the historic residential dwelling and orchard were appears to be graded.	PCA is on the south adjacent property.
10	PCA-28: Gasoline and Associated Products Storage in Fixed Tanks	The south adjacent Property was occupied by a residential dwelling and a Quonset Hut at the time of the site reconnaissance, and was used for residential and commercial purposes. There were two (2) ASTs on the property.	PCA is on the south adjacent property.

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

6.4.2 Contaminants of Potential Concern

A summary of the contaminants of potential concern identified for each respective APEC is presented in Table 6-3 above. The following contaminants of potential concern were identified for the Phase

One Property: PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR, PAHs.

6.4.3 Underground Utilities and Contaminant Distribution and Transport

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

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

The depth to groundwater at the Phase One Property is inferred to be approximately 9 to 18 metres below ground surface, therefore the utility corridors are expected to be well above the water table and would not act as preferential pathways for contaminant distribution and transport in the event that shallow subsurface contaminants exist at the Phase One Property.

6.4.4 Geological and Hydrogeological Information

The topography of the Phase One Property is generally flat, with a surface elevation of 185 metres above sea level (masl). Two ponds/depressions are present on the Phase One Property. The nearest large body of water is East Sixteen Mile Creek, located approximately 500 m north of the Phase One Property. The topography within the Phase One Study Area generally slopes to the south, towards Osenego Creek located 1km south of the property and towards Lake Ontario, located approximately 9 km south of the property. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 9 to 18 metres below ground surface. The shallow groundwater flow direction within the Phase One Study Area is inferred to be parallel with the local topography, extending south/southeast towards Osenego Creek.

The Site is situated within a Till Moraines physiographic region. The surficial geology within the Phase One Study area is described as “clay to silt-textured till (derived from glaciolacustrine deposits or shale)”, and the bedrock is described as shale, limestone, dolostone and siltstone from the Queenston Formation. Based on a review of the MECP well records, the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth range of 9 to 20 metres below ground surface (mbgs).

6.4.5 Uncertainty and Absence of Information

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

All reasonable inquiries were made to obtain reasonably accessible information, as mandated by O.Reg.153/04 (as amended). All responses to database requests were received prior to completion of this report, with the exception of the 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 located at Part of Lot 20, Concession 2, 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, it is concluded that ten (10) PCAs were identified within the Phase One Study Area, six (6) of which are considered to be contributing to six (6) APECs on, in or under the Phase One Property.

7.1 Phase Two Environmental Site Assessment Requirement

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

7.2 RSC Based on Phase One Environmental Site Assessment

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

7.3 Limitations

This report was prepared for the sole use of ARGO Development Corporation and is intended to provide an assessment of the environmental condition on the property located at Part of Lot 20, Concession 2, 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 Ltd. 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 experience conducting Phase One and Phase Two Environmental Site Assessments.

Ms. Kirstin Olsen, MSc.

Ms. Olsen is a Project Manager in the Environmental Services Department at DS Consultants Ltd. 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 Ltd. 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.

Prepared by:

Fahmida Anwar, B.Sc.
Environmental Specialist

Reviewed by:

Kirstin Olsen, M.Sc.
Environmental Project Manager

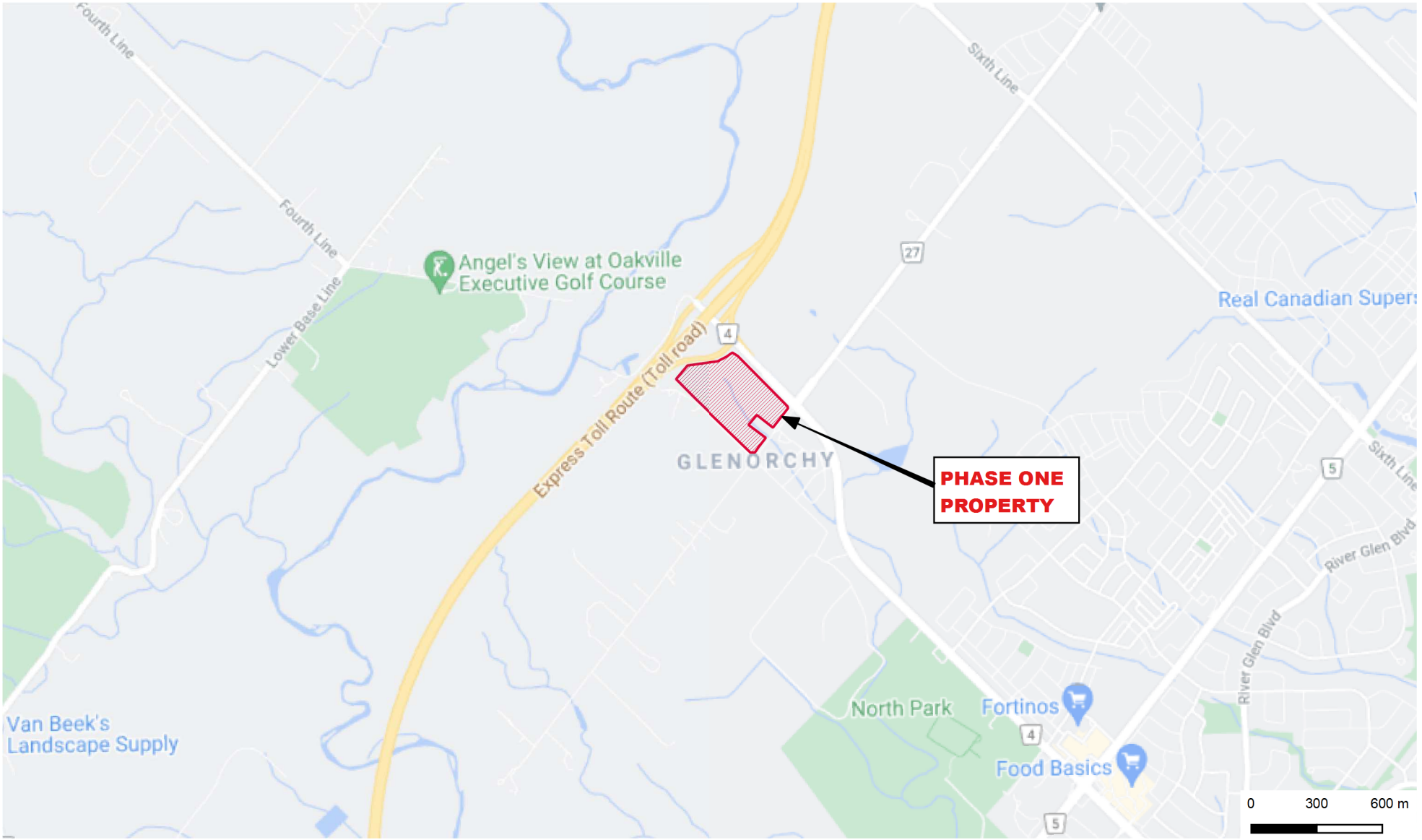
Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA}
Manager – Environmental Services

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 (ERIS Report)
- *"Phase I Environmental Site Assessment, Concession 2, NDS PT Lot 20, Reference Plan 20R-16344, Oakville, Ontario", prepared* for 2433170 Ontario Inc., prepared by Chung & Vander Doelen (CVD) Engineering Ltd., dated December 13, 2016 (CVD 2016 Phase I ESA).

Figures

C:\0Sharon\21-455-100 2142 Dorham, Neyagawa Blvd and Burnhamthorpe Rd\1-QGIS\Phase One\Figure 1 - Site Location Plan.qgs Feb-14 22:36



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
Part of Lot 20, Concession 2, Oakville, ON

Title: **SITE LOCATION PLAN**

N

Client: ARGO DEVELOPMENT CORPORATION

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	K.O	S.Y	February 2022
Rev: 0	Scale: As Shown	Project No.: 21-455-100	Figure No.: 1

Image/Map Source: *Google Street Map*

C:\0Sharon\21-455-100 2142 Dorham, Neyagawa Blvd and Burnhamthorpe Rd\1-QGIS\Phase One\Figure 2 - Phase One Property Site Plan.qgs Feb-22 10:37

Legend

- Approx Property Boundary
- Location of historic soil stockpiling
- AST

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
Part of Lot 20, Concession 2, Oakville, ON

Title: **PHASE ONE STUDY AREA**

N

Client: ARGO DEVELOPMENT CORPORATION

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	K.O	S.Y	February 2022
Rev: 0	Scale: As Shown	Project No.: 21-455-100	Figure No.: **2**

Image/Map Source: *Google Satellite Image*

C:\0Sharon\21-455-100 2142 Dorham, Neyagawa Blvd and Burnhamthorpe Rd\1-QGIS\Phase One\Figure 3 - Phase One Study Area.qgs Feb-15 09:16

Legend

- Approx Property Boundary
- 250m Buffer
- Residential
- Mixed (Commercial/Residential)
- Agricultural
- Institutional
- Open Space/Forest

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
Part of Lot 20, Concession 2, Oakville, ON

Title: **PHASE ONE STUDY AREA**

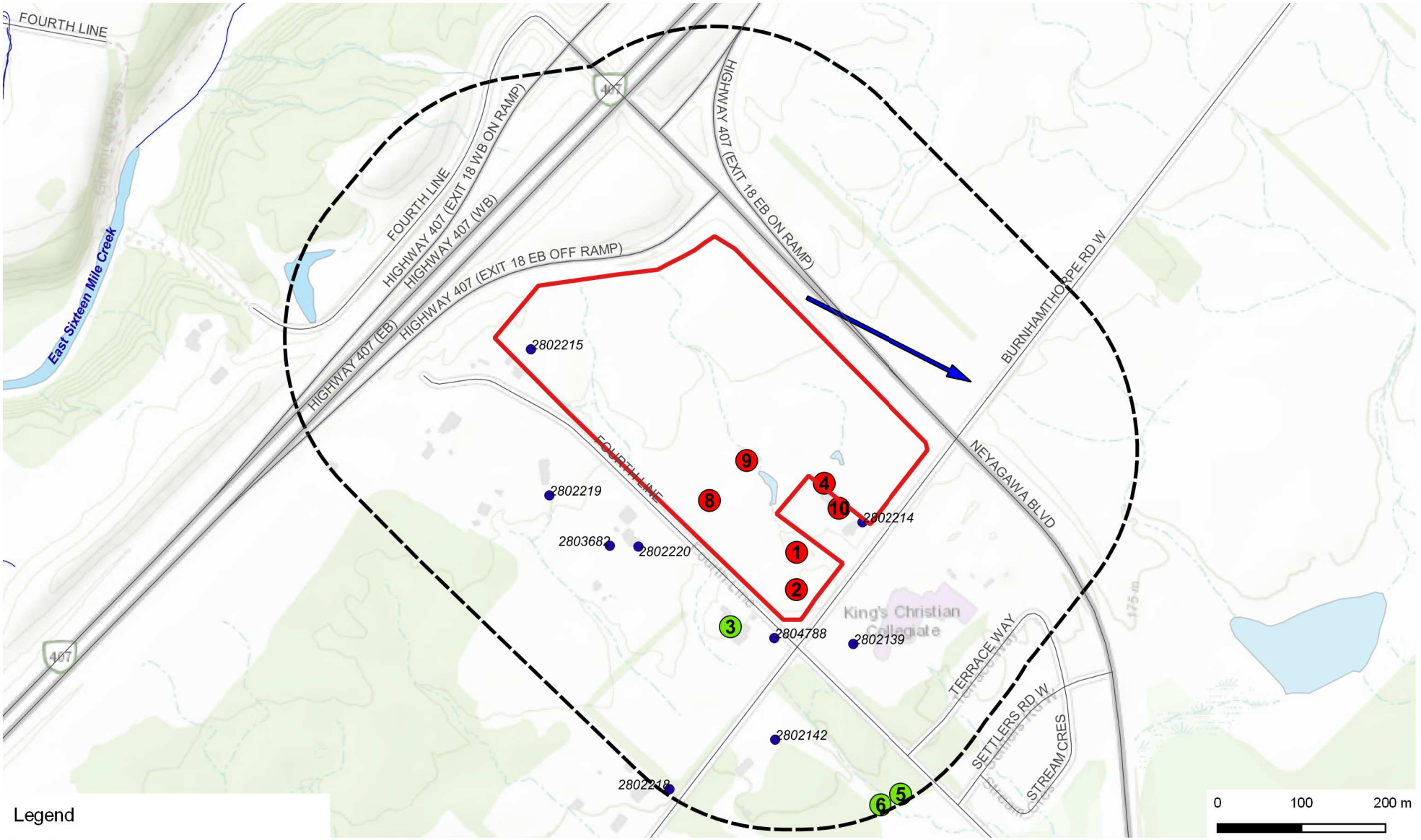
N

Client: ARGO DEVELOPMENT CORPORATION

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	K.O	S.Y	February 2022
Rev: 0	Scale: As Shown	Project No.: 21-455-100	Figure No.: 3

Image/Map Source: *Google Satellite Image*

C:\0Sharon\21-455-100 2142 Dorham, Neyagawa Blvd and Burnhamthorpe Rd\1-QGIS\Phase One\Figure 4 - PCA within Phase One Study Area.qgs Feb-15 09:46



Legend

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

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
Part of Lot 20, Concession 2, Oakville, ON

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

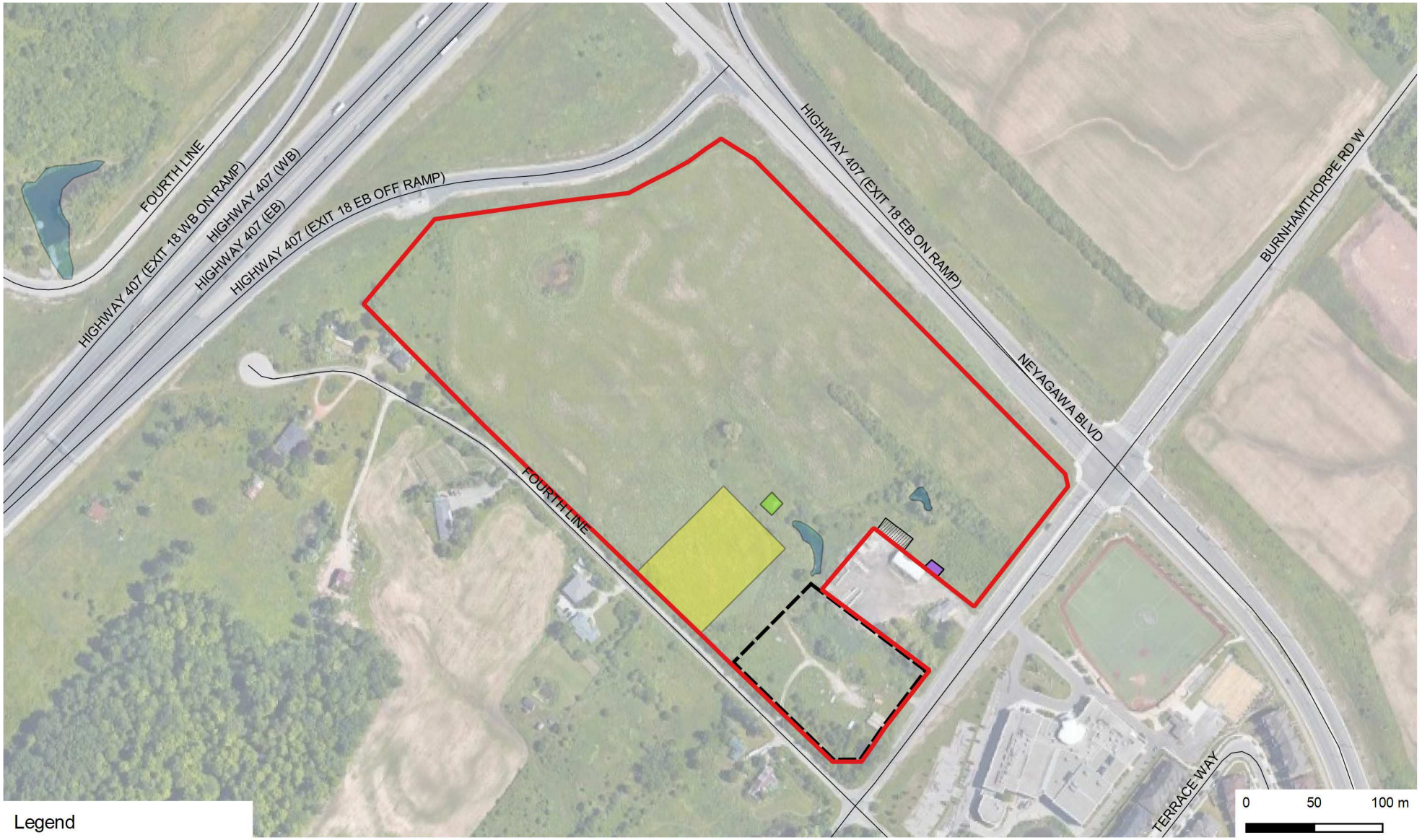
N

Client: ARGO DEVELOPMENT CORPORATION

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	K.O	S.Y	February 2022
Rev: 0	Scale: As Shown	Project No.: 21-455-100	Figure No.: 4

Image/Map Source: *Google Satellite Image*

C:\0Sharon\21-455-100 2142 Dorham, Neyagawa Blvd and Burnhamthorpe Rd\1-QGIS\Phase One\Figure 5 - Summary of APECs on the Phase One Property.qgs Feb-15 09:19



Legend

- Approx Property Boundary
- APEC1A & 2
- APEC-1B
- APEC-1C
- APEC-3
- APEC4

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
Part of Lot 20, Concession 2, Oakville, ON

Title: **SUMMARY OF APECs ON THE PHASE ONE PROPERTY**

N

Client: ARGO DEVELOPMENT CORPORATION

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	K.O	S.Y	February 2022
Rev: 0	Scale: As Shown	Project No.: 21-455-100	Figure No.: **5**

Image/Map Source: *Google Satellite Image*

Appendix A

DATABASE REPORT

Project Property:	*2142 Dorham Site, Neyagawa Blvd and Burnhamthorpe Rd* *2142 Dorham Site* *Oakville ON L6M 4K2*
Project No:	*21-455-100*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*21120800687*
Requested by:	*DS Consultants Ltd.*
Date Completed:	*December 13, 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:	*2142 Dorham Site, Neyagawa Blvd and Burnhamthorpe Rd* *2142 Dorham Site Oakville ON L6M 4K2*
Project No:	*21-455-100*

Order Information:

Order No:	*21120800687*
Date Requested:	*December 8, 2021*
Requested by:	*DS Consultants Ltd.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
City Directory Search	*CD - Subject Site plus 250m Radius*
ERIS Xplorer	*ERIS Xplorer*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	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	7	8
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	11	11
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 0.25km	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	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
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	11	11
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	8	9
	Total:		2	39	41

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		Neyagawa Blvd 407 Hwy Oakville ON	SSE/0.0	-3.23	19
2	WWIS		lot 20 con 2 ON ***Well ID:*** 2802215	WNW/0.0	4.96	19

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	WWIS		lot 20 con 2 ON ***Well ID:*** 2802214	ESE/2.1	-3.04	22
4	EHS		NE & NW corners of Burnhamthorpe Rd W &Neyagawa Blvd Oakville ON	E/5.9	-2.29	24
5	EHS		501 Burnhamthorpe Road West Oakville ON L6M 4K7	SE/10.7	-3.13	24
5	EHS		501 Burnhamthorpe Road West Oakville ON L6M 4K7	SE/10.7	-3.13	25
5	EHS		501 Burnhamthorpe Road West Oakville ON L6M 4K7	SE/10.7	-3.13	25
5	EHS		501 Burnhamthorpe Road West Oakville ON L6M 4K7	SE/10.7	-3.13	25
6	SPL	PUC	REGION OF HALTON LANDFILL ON 4TH LINE & BURNAMTHORPE LANDFILL SITE OAKVILLE TOWN ON	SSE/13.9	-4.85	25
6	CA	King's Christian Collegiate	Part 5&6, RP 20R-13928. SW corner of Burnhamthorpe Road West and Neyagawa Boulev Oakville ON	SSE/13.9	-4.85	26
7	WWIS		lot 21 con 2 ON ***Well ID:*** 2804788	SSE/19.8	-4.45	26
8	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	SSE/26.2	-4.40	29
8	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	SSE/26.2	-4.40	30

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
8	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	SSE/26.2	-4.40	30
8	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	SSE/26.2	-4.40	30
8	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON	SSE/26.2	-4.40	31
8	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	SSE/26.2	-4.40	31
8	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	SSE/26.2	-4.40	32
8	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	SSE/26.2	-4.40	32
8	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	SSE/26.2	-4.40	32
8	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	SSE/26.2	-4.40	33
8	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	SSE/26.2	-4.40	33
9	WWIS		lot 21 con 2 ON ***Well ID:*** 2802220	SW/50.6	-2.52	34
10	WWIS		lot 20 con 1 ON ***Well ID:*** 2802139	SE/56.7	-5.09	36
11	WWIS		lot 21 con 2 ON ***Well ID:*** 2803682	SW/73.0	-2.09	39
12	WWIS		lot 21 con 2 ON ***Well ID:*** 2802219	WSW/80.4	1.48	42

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
13	EHS		4 Line Burnhamthorpe Rd W Oakville ON	SE/124.7	-7.09	46
14	WWIS		lot 21 con 1 ON ***Well ID:*** 2802142	SSE/126.6	-9.08	46
15	EHS		337-353 Burnhamthorpe Rd W Oakville ON	ENE/217.3	0.65	49
16	WDS		3430 FOURTH LINE OAKVILLE AND MILTON ON	SE/230.3	-10.06	49
16	WDS		3430 FOURTH LINE OAKVILLE AND MILTON ON	SE/230.3	-10.06	50
16	WDS		3430 FOURTH LINE OAKVILLE AND MILTON ON	SE/230.3	-10.06	50
16	WDS		3430 FOURTH LINE OAKVILLE AND MILTON ON	SE/230.3	-10.06	51
16	WDS		3430 FOURTH LINE OAKVILLE AND MILTON ON	SE/230.3	-10.06	52
16	WDS		3430 FOURTH LINE OAKVILLE AND MILTON ON	SE/230.3	-10.06	53
16	WDS		3430 FOURTH LINE OAKVILLE AND MILTON ON	SE/230.3	-10.06	53
16	WDS		3430 FOURTH LINE OAKVILLE AND MILTON ON	SE/230.3	-10.06	54
16	WDS		3430 FOURTH LINE OAKVILLE AND MILTON ON	SE/230.3	-10.06	55
16	WDS	CLOSED OAKVILLE LANDFILL SITE	3430 FOURTH LINE OAKVILLE ON	SE/230.3	-10.06	55

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
16	WDS	OAKVILLE LANDFILL SITE (CLOSED	3430 FOURTH LINE OAKVILLE ON	SE/230.3	-10.06	56
17	WWIS		lot 21 con 2 ON ***Well ID:*** 2802218	SSW/237.2	-9.13	57

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 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
King's Christian Collegiate	Part 5&6, RP 20R-13928. SW corner of Burnhamthorpe Road West and Neyagawa Boulev Oakville ON	13.9	6

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 8 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	Neyagawa Blvd 407 Hwy Oakville ON	0.0	1
	NE & NW corners of Burnhamthorpe Rd W &Neyagawa Blvd Oakville ON	5.9	4
	501 Burnhamthorpe Road West Oakville ON L6M 4K7	10.7	5
	501 Burnhamthorpe Road West Oakville ON L6M 4K7	10.7	5
	501 Burnhamthorpe Road West Oakville ON L6M 4K7	10.7	5
	501 Burnhamthorpe Road West Oakville ON L6M 4K7	10.7	5

Site	Address	Distance (m)	Map Key
	4 Line Burnhamthorpe Rd W Oakville ON	124.7	13
	337-353 Burnhamthorpe Rd W Oakville ON	217.3	15

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Aug 31, 2021 has found that there are 11 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	26.2	8
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	26.2	8
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	26.2	8
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	26.2	8
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	26.2	8
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	26.2	8
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON	26.2	8
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	26.2	8

Site	Address	Distance (m)	Map Key
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	26.2	8
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	26.2	8
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	26.2	8

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
PUC	REGION OF HALTON LANDFILL ON 4TH LINE & BURNAMTHORPE LANDFILL SITE OAKVILLE TOWN ON	13.9	6

WDS - Waste Disposal Sites - MOE CA Inventory

A search of the WDS database, dated Oct 2011- Sep 30, 2021 has found that there are 11 WDS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
OAKVILLE LANDFILL SITE (CLOSED	3430 FOURTH LINE OAKVILLE ON	230.3	16
CLOSED OAKVILLE LANDFILL SITE	3430 FOURTH LINE OAKVILLE ON	230.3	16
	3430 FOURTH LINE OAKVILLE AND MILTON ON	230.3	16
	3430 FOURTH LINE OAKVILLE AND MILTON ON	230.3	16

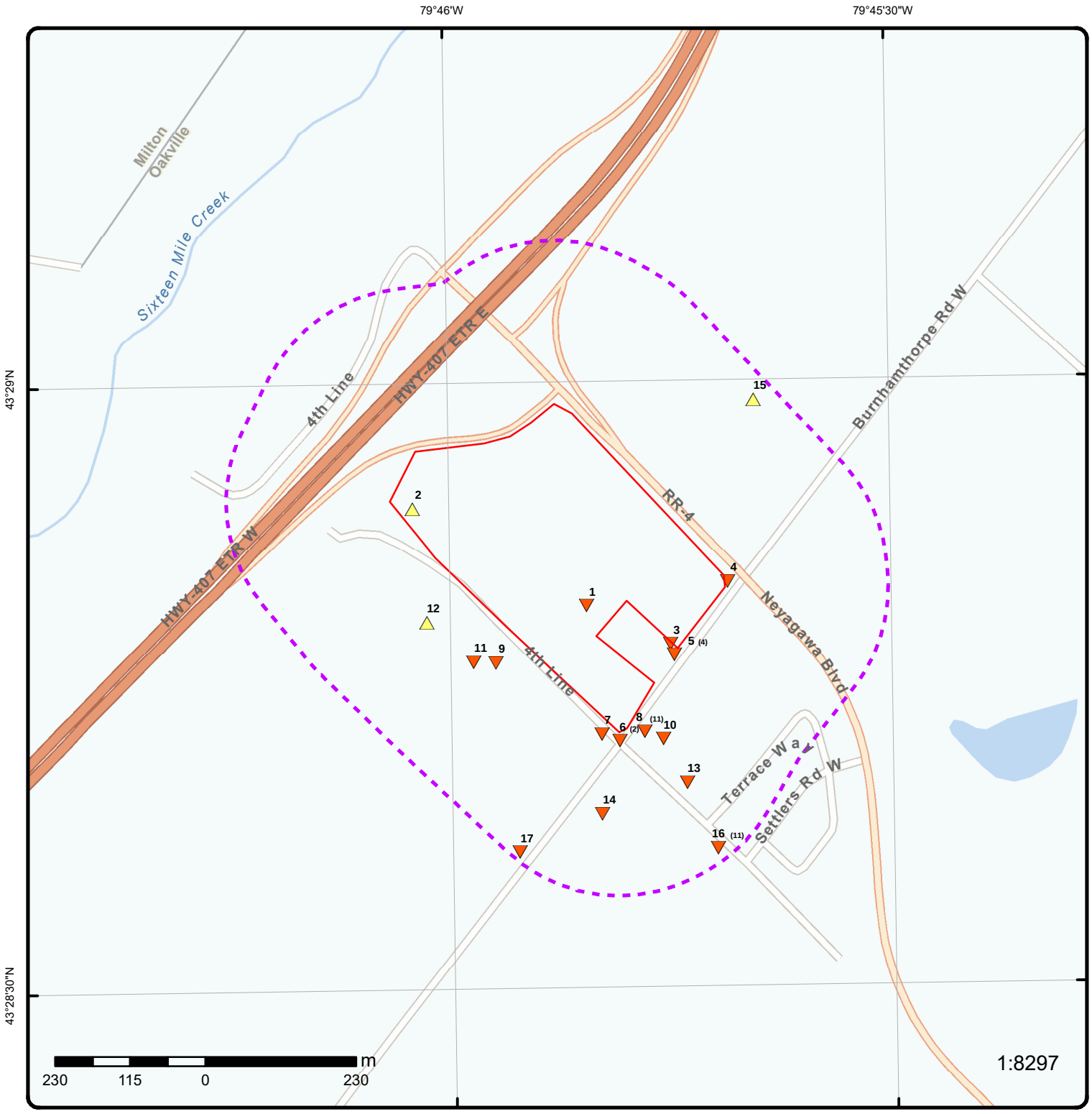
Site	Address	Distance (m)	Map Key
	3430 FOURTH LINE OAKVILLE AND MILTON ON	230.3	16
	3430 FOURTH LINE OAKVILLE AND MILTON ON	230.3	16
	3430 FOURTH LINE OAKVILLE AND MILTON ON	230.3	16
	3430 FOURTH LINE OAKVILLE AND MILTON ON	230.3	16
	3430 FOURTH LINE OAKVILLE AND MILTON ON	230.3	16
	3430 FOURTH LINE OAKVILLE AND MILTON ON	230.3	16
	3430 FOURTH LINE OAKVILLE AND MILTON ON	230.3	16

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 9 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 20 con 2 ON ***Well ID:*** 2802215	0.0	2
	lot 20 con 2 ON ***Well ID:*** 2802214	2.1	3

Site	Address	Distance (m)	Map Key
	lot 21 con 2 ON ***Well ID:*** 2804788	19.8	**7**
	lot 21 con 2 ON ***Well ID:*** 2802220	50.6	**9**
	lot 20 con 1 ON ***Well ID:*** 2802139	56.7	**10**
	lot 21 con 2 ON ***Well ID:*** 2803682	73.0	**11**
	lot 21 con 2 ON ***Well ID:*** 2802219	80.4	**12**
	lot 21 con 1 ON ***Well ID:*** 2802142	126.6	**14**
	lot 21 con 2 ON ***Well ID:*** 2802218	237.2	**17**



Map: 0.25 Kilometer Radius

Order Number: 21120800687

Address: 2142 Dorham Site, Oakville, ON

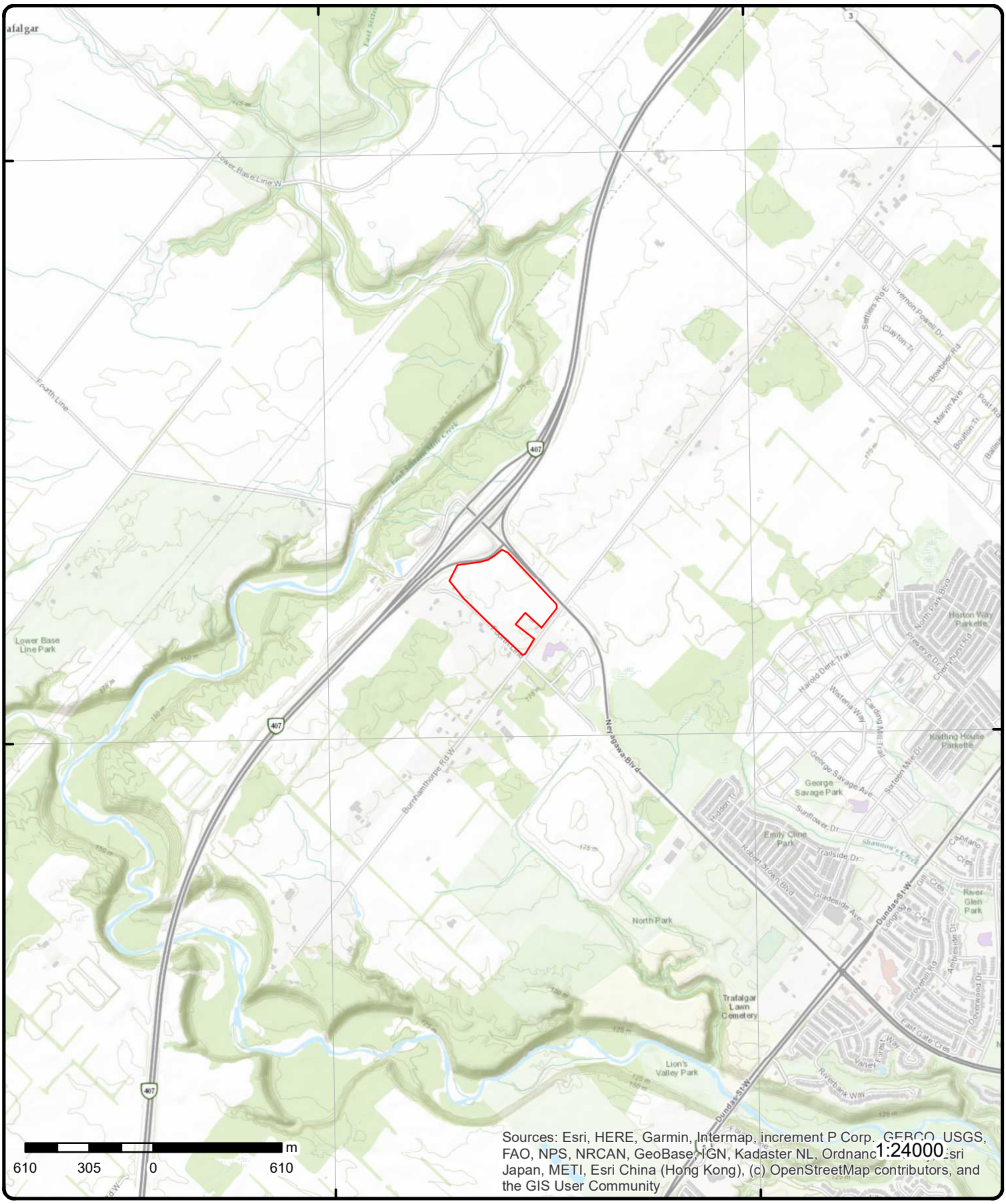
- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major Arterial; Minor Arterial
- Local Road
- Service Road; Traffic Circle; Ramp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

Aerial **Year: 2019**

Order Number: 21120800687

Address: 2142 Dorham Site, Oakville, ON

Source: ESRI World Imagery



Topographic Map

Address: 2142 Dorham Site, ON

Source: ESRI World Topographic Map

Order Number: 21120800687

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SSE/0.0	180.8 / -3.23	Neyagawa Blvd 407 Hwy Oakville ON	EHS

Order No:	20161122028	**Nearest Intersection:**	
Status:	C	**Municipality:**	Oakville
Report Type:	Standard Select Report	**Client Prov/State:**	ON
Report Date:	28-NOV-16	**Search Radius (km):**	.25
Date Received:	22-NOV-16	**X:**	-79.764118
Previous Site Name:		**Y:**	43.480248
Lot/Building Size:			
Additional Info Ordered:	Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	WNW/0.0	189.0 / 4.96	lot 20 con 2 ON	WWIS

Well ID:	2802215	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/16/1961
Sec. Water Use:	0	**Selected Flag:**	True
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:**	020
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\2802215.pdf

Additional Detail(s) (Map)

Well Completed Date:	1961/09/26
Year Completed:	1961
Depth (m):	30.7848
Latitude:	43.4816108429449
Longitude:	-79.767384879961
Path:	280\2802215.pdf

Bore Hole Information

Bore Hole ID:	10148769	**Elevation:**	189.256149
DP2BR:	65.00	**Elevrc:**	

Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	599680.60
Code OB Desc:	Bedrock	***North83:***	4815037.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	26-Sep-1961 00:00:00	***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:	931427971
Layer:	2
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	56.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427972
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	65.0
Formation End Depth:	101.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427970
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	56.0

Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962802215
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10697339
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253142
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 67
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930253143
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 101
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992802215
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 101.0
Recommended Pump Depth: 101.0
Pumping Rate: 1.0
Flowing Rate:
Recommended Pump Rate: 1.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID:	933604268
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	66.0
Water Found Depth UOM:	ft

3 **1 of 1** **ESE/2.1** **181.0 / -3.04** **lot 20 con 2 ON** **WWIS**

Well ID:	2802214	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/27/1956
Sec. Water Use:	0	**Selected Flag:**	True
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:**	020
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\2802214.pdf

Additional Detail(s) (Map)

Well Completed Date:	1956/10/22
Year Completed:	1956
Depth (m):	16.764
Latitude:	43.4797036314793
Longitude:	-79.7625394222679
Path:	280\2802214.pdf

Bore Hole Information

Bore Hole ID:	10148768	**Elevation:**	180.934066
DP2BR:	34.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	600075.60
Code OB Desc:	Bedrock	**North83:**	4814831.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	22-Oct-1956 00:00:00	**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:	931427968
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	34.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427969
Layer:	2
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	34.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802214
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697338
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930253141
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	55
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930253140
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	35
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992802214
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933604267
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	53.0
Water Found Depth UOM:	ft

---

4 | ***1 of 1*** | ***E/5.9*** | ***181.7 / -2.29*** | ***NE & NW corners of Burnhamthorpe Rd W &Neyagawa Blvd Oakville ON*** | ***EHS***

Order No:	20051207002	***Nearest Intersection:***	Burnhamthorpe Road West and Neyagawa Blvd
Status:	C	***Municipality:***	
Report Type:	Complete Report	***Client Prov/State:***	ON
Report Date:	12/15/2005	***Search Radius (km):***	0.35
Date Received:	12/7/2005	***X:***	-79.761444
Previous Site Name:		***Y:***	43.480558
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps and/or Site Plans, Unplotted Water Wells

---

5 | ***1 of 4*** | ***SE/10.7*** | ***180.9 / -3.13*** | ***501 Burnhamthorpe Road West Oakville ON L6M 4K7*** | ***EHS***

Order No:	20200630730	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	06-JUL-20	***Search Radius (km):***	.25
Date Received:	30-JUN-20	***X:***	-79.7624738
Previous Site Name:		***Y:***	43.4795573
Lot/Building Size:			

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

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos

---

5 *2 of 4* *SE/10.7* *180.9 / -3.13* **501 Burnhamthorpe Road West**
Oakville ON L6M 4K7 **EHS**

Order No:	20200630730	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	06-JUL-20	**Search Radius (km):**	.25
Date Received:	30-JUN-20	**X:**	-79.7624738
Previous Site Name:		**Y:**	43.4795573
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos

---

5 *3 of 4* *SE/10.7* *180.9 / -3.13* **501 Burnhamthorpe Road West**
Oakville ON L6M 4K7 **EHS**

Order No:	20200630730	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	06-JUL-20	**Search Radius (km):**	.25
Date Received:	30-JUN-20	**X:**	-79.7624738
Previous Site Name:		**Y:**	43.4795573
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos

---

5 *4 of 4* *SE/10.7* *180.9 / -3.13* **501 Burnhamthorpe Road West**
Oakville ON L6M 4K7 **EHS**

Order No:	20200630730	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	06-JUL-20	**Search Radius (km):**	.25
Date Received:	30-JUN-20	**X:**	-79.7624738
Previous Site Name:		**Y:**	43.4795573
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos

---

6 *1 of 2* *SSE/13.9* *179.1 / -4.85* **PUC**
REGION OF HALTON LANDFILL ON 4TH LINE &
BURNAMTHORPE LANDFILL SITE
OAKVILLE TOWN ON **SPL**

Ref No:	151237	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	1/8/1998	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	CONTAINER OVERFLOW	**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:**	MOEE

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

Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	1/8/1998	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	STORM/FLOOD/WIND	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	REGION OF HALTON:UNK AMT LEACHATE TO GROUND &CREEK, OVERFLOW DUE TO RAIN		
Contaminant Qty:			

6	2 of 2	SSE/13.9	179.1 / -4.85	**King's Christian Collegiate** **Part 5&6, RP 20R-13928. SW corner of Burnhamthorpe Road West and Neyagawa Boulev** **Oakville ON**	CA

Certificate #:	3993-84HJCY
Application Year:	2010
Issue Date:	4/29/2010
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:	

7	1 of 1	SSE/19.8	179.5 / -4.45	**lot 21 con 2** **ON**	WWIS

Well ID:	2804788	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/6/1975
Sec. Water Use:	0	**Selected Flag:**	True
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:**	021
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\2804788.pdf

Additional Detail(s) (Map)

Well Completed Date:	1975/08/20
Year Completed:	1975
Depth (m):	21.336

Latitude:	43.4784753654691
Longitude:	-79.7638628072288
Path:	280\2804788.pdf

Bore Hole Information

Bore Hole ID:	10151299	**Elevation:**	179.065322
DP2BR:	44.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	599970.60
Code OB Desc:	Bedrock	**North83:**	4814693.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	20-Aug-1975 00:00:00	**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:	931437192
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	23.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931437194
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	44.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931437193
Layer:	2
Color:	7

General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	23.0
Formation End Depth:	44.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962804788
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10699869
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930257194
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	70
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930257193
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	48
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992804788
Pump Set At:	
Static Level:	28.0
Final Level After Pumping:	70.0
Recommended Pump Depth:	68.0
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	1.0
Levels UOM:	ft
Rate UOM:	GPM

Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934713727
Test Type:	Recovery
Test Duration:	45
Test Level:	38.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934454537
Test Type:	Recovery
Test Duration:	30
Test Level:	47.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934179944
Test Type:	Recovery
Test Duration:	15
Test Level:	58.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934965869
Test Type:	Recovery
Test Duration:	60
Test Level:	30.0
Test Level UOM:	ft

Water Details

Water ID:	933607771
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	62.0
Water Found Depth UOM:	ft

8	***1 of 11***	***SSE/26.2***	***179.6 / -4.40***	***King's Christian Collegiate 528 Burnhamthorpe Road West Oakville ON L6M 4K6***	***GEN***

Generator No:	ON6786230	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2009	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	611110		
SIC Description:	Elementary and Secondary Schools		

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

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

---

8 ***2 of 11*** ***SSE/26.2*** ***179.6 / -4.40*** ***King's Christian Collegiate***
528 Burnhamthorpe Road West
Oakville ON L6M 4K6 ***GEN***

Generator No: ON6786230
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 611110
SIC Description: Elementary and Secondary Schools

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

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

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

---

8 ***3 of 11*** ***SSE/26.2*** ***179.6 / -4.40*** ***King's Christian Collegiate***
528 Burnhamthorpe Road West
Oakville ON L6M 4K6 ***GEN***

Generator No: ON6786230
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 611110
SIC Description: Elementary and Secondary Schools

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

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

---

8 ***4 of 11*** ***SSE/26.2*** ***179.6 / -4.40*** ***King's Christian Collegiate***
528 Burnhamthorpe Road West
Oakville ON L6M 4K6 ***GEN***

Generator No: ON6786230

PO Box No:

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

Status: **Country:**
Approval Years: 2012 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code: 611110
SIC Description: Elementary and Secondary Schools

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

---

8 ***5 of 11*** ***SSE/26.2*** ***179.6 / -4.40*** ***King's Christian Collegiate***
528 Burnhamthorpe Road West
Oakville ON ***GEN***

Generator No: ON6786230 ***PO Box No:***
Status: ***Country:***
Approval Years: 2013 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

---

8 ***6 of 11*** ***SSE/26.2*** ***179.6 / -4.40*** ***King's Christian Collegiate***
528 Burnhamthorpe Road West
Oakville ON L6M 4K6 ***GEN***

Generator No: ON6786230 ***PO Box No:***
Status: ***Country:*** Canada
Approval Years: 2016 ***Choice of Contact:*** CO_OFFICIAL
Contam. Facility: No ***Co Admin:***
MHSW Facility: No ***Phone No Admin:***
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 263

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

Waste Class Desc: ORGANIC LABORATORY CHEMICALS

---

8 **7 of 11** **SSE/26.2** **179.6 / -4.40** **King's Christian Collegiate**
528 Burnhamthorpe Road West
Oakville ON L6M 4K6 **GEN**

Generator No: ON6786230
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

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

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

---

8 **8 of 11** **SSE/26.2** **179.6 / -4.40** **King's Christian Collegiate**
528 Burnhamthorpe Road West
Oakville ON L6M 4K6 **GEN**

Generator No: ON6786230
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

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

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

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

---

8 **9 of 11** **SSE/26.2** **179.6 / -4.40** **King's Christian Collegiate**
528 Burnhamthorpe Road West
Oakville ON L6M 4K6 **GEN**

Generator No: ON6786230
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

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

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 148 L
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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

---

8 | **10 of 11** | **SSE/26.2** | **179.6 / -4.40** | **King's Christian Collegiate**
528 Burnhamthorpe Road West
Oakville ON L6M 4K6 | **GEN**

Generator No: ON6786230
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 148 L
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

---

8 | **11 of 11** | **SSE/26.2** | **179.6 / -4.40** | **King's Christian Collegiate**
528 Burnhamthorpe Road West
Oakville ON L6M 4K6 | **GEN**

Generator No: ON6786230
Status: Registered
Approval Years: As of Aug 2021
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 122 C
Waste Class Desc: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 145 I

Waste Class Desc: Wastes from the use of pigments, coatings and paints

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

Waste Class: 148 L
Waste Class Desc: Misc. wastes and inorganic chemicals

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

---

9 | **1 of 1** | **SW/50.6** | **181.5 / -2.52** | **lot 21 con 2 ON** | **WWIS**

Well ID:	2802220	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/26/1966
Sec. Water Use:	0	**Selected Flag:**	True
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:**	021
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\2802220.pdf

Additional Detail(s) (Map)

Well Completed Date: 1966/09/23
Year Completed: 1966
Depth (m): 22.5552
Latitude: 43.4794782451835
Longitude: -79.7658455062757
Path: 280\2802220.pdf

Bore Hole Information

Bore Hole ID:	10148774	**Elevation:**	182.212295
DP2BR:	45.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	599808.60
Code OB Desc:	Bedrock	**North83:**	4814802.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	23-Sep-1966 00:00:00	**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:	931427992
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	45.0
Formation End Depth:	74.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427991
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	45.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427990
Layer:	1
Color:	5
General Color:	YELLOW
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802220
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697344
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930253152
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	60
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930253153
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	74
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992802220
Pump Set At:	
Static Level:	14.0
Final Level After Pumping:	74.0
Recommended Pump Depth:	72.0
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	1.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933604273
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	61.0
Water Found Depth UOM:	ft

10	*1 of 1*	*SE/56.7*	*178.9 / -5.09*	*lot 20 con 1 ON*	*WWIS*

Well ID:	2802139	**Data Entry Status:**	
Construction Date:		**Data Src:**	1

Primary Water Use:	Domestic	**Date Received:**	6/4/1959
Sec. Water Use:	0	**Selected Flag:**	True
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:**	020
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\2802139.pdf

Additional Detail(s) (Map)

Well Completed Date:	1959/05/15
Year Completed:	1959
Depth (m):	15.24
Latitude:	43.4783997798805
Longitude:	-79.7627020490115
Path:	280\2802139.pdf

Bore Hole Information

Bore Hole ID:	10148693	**Elevation:**	178.942703
DP2BR:	32.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	600064.60
Code OB Desc:	Bedrock	**North83:**	4814686.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	15-May-1959 00:00:00	**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:	931427758
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	32.0
Formation End Depth:	50.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427757
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962802139
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10697263
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253014
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 34
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930253015
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 50
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992802139

Pump Set At:	
Static Level:	8.0
Final Level After Pumping:	50.0
Recommended Pump Depth:	50.0
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	1.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933604187
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	46.0
Water Found Depth UOM:	ft

---

11 ***1 of 1*** ***SW/73.0*** ***181.9 / -2.09*** ***lot 21 con 2 ON*** ***WWIS***

Well ID:	2803682	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Livestock	***Date Received:***	1/6/1972
Sec. Water Use:	0	***Selected Flag:***	True
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:***	021
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\2803682.pdf

Additional Detail(s) (Map)

Well Completed Date:	1971/12/22
Year Completed:	1971
Depth (m):	18.5928
Latitude:	43.4794917838975
Longitude:	-79.7662656444076
Path:	280\2803682.pdf

Bore Hole Information

Bore Hole ID:	10150215	**Elevation:**	182.697067
DP2BR:	40.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	599774.60
Code OB Desc:	Bedrock	**North83:**	4814803.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	22-Dec-1971 00:00:00	**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:	931432865
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	61.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931432864
Layer:	2
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	11.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931432863
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth:	0.0
Formation End Depth:	11.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962803682
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10698785
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930255453
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	61
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930255452
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	55
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992803682
Pump Set At:	
Static Level:	17.0
Final Level After Pumping:	55.0
Recommended Pump Depth:	58.0
Pumping Rate:	3.0
Flowing Rate:	
Recommended Pump Rate:	3.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934451206
Test Type:	Recovery
Test Duration:	30
Test Level:	17.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934176576
Test Type:	Recovery
Test Duration:	15
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934710409
Test Type:	Recovery
Test Duration:	45
Test Level:	17.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934970723
Test Type:	Recovery
Test Duration:	60
Test Level:	17.0
Test Level UOM:	ft

Water Details

Water ID:	933606198
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	1 of 1	WSW/80.4	185.5 / 1.48	lot 21 con 2 ON	WWIS

Well ID:	2802219	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	4/12/1966
Sec. Water Use:	0	***Selected Flag:***	True
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:***	021
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\2802219.pdf

Additional Detail(s) (Map)

Well Completed Date: 1966/03/02
Year Completed: 1966
Depth (m): 25.2984
Latitude: 43.4800415201047
Longitude: -79.7671447530627
Path: 280\2802219.pdf

Bore Hole Information

Bore Hole ID: 10148773
DP2BR: 68.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 02-Mar-1966 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 185.432769
Elevrc:
Zone: 17
East83: 599702.60
North83: 4814863.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931427989
Layer: 5
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 68.0
Formation End Depth: 83.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427986
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:

Mat3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 51.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427988
Layer: 4
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 57.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427987
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 51.0
Formation End Depth: 57.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427985
Layer: 1
Color: 5
General Color: YELLOW
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962802219
Method Construction Code: 1
Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10697343
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253150
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 69
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930253151
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 83
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992802219
Pump Set At:
Static Level: 16.0
Final Level After Pumping: 83.0
Recommended Pump Depth: 80.0
Pumping Rate: 1.0
Flowing Rate:
Recommended Pump Rate: 1.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933604272
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70.0
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 1	SE/124.7	176.9 / -7.09	4 Line Burnhamthorpe Rd W Oakville ON	EHS

Order No:	20140226043	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	07-MAR-14	**Search Radius (km):**	.25
Date Received:	26-FEB-14	**X:**	-79.762263
Previous Site Name:		**Y:**	43.477793
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 1	SSE/126.6	174.9 / -9.08	lot 21 con 1 ON	WWIS

Well ID:	2802142	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/31/1967
Sec. Water Use:	0	**Selected Flag:**	True
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:**	021
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\2802142.pdf

Additional Detail(s) (Map)

Well Completed Date:	1967/09/21
Year Completed:	1967
Depth (m):	15.24
Latitude:	43.4773859612499
Longitude:	-79.7638726538231
Path:	280\2802142.pdf

Bore Hole Information

Bore Hole ID:	10148696	**Elevation:**	176.166687
DP2BR:	34.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	599971.60
Code OB Desc:	Bedrock	**North83:**	4814572.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	21-Sep-1967 00:00:00	**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:	931427765
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427764
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427767
Layer:	4
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	34.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427766
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05

Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	18.0
Formation End Depth:	34.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802142
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697266
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930253021
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	50
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930253020
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	36
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992802142
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	31.0
Recommended Pump Depth:	45.0
Pumping Rate:	4.0
Flowing Rate:	
Recommended Pump Rate:	4.0
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: 933604190
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 47.0
Water Found Depth UOM: ft

---

15 **1 of 1** **ENE/217.3** **184.6 / 0.65** **337-353 Burnhamthorpe Rd W Oakville ON** **EHS**

Order No: 20120430037
Status: C
Report Type: Custom Report
Report Date: 5/9/2012
Date Received: 4/30/2012
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.760918
Y: 43.483056

---

16 **1 of 11** **SE/230.3** **173.9 / -10.06** **3430 FOURTH LINE OAKVILLE AND MILTON ON** **WDS**

Approval No: A210402
Mob Unit Cert No:
EBR Registry No:
Status:
Facility Type: Landfill
Record Type:
Link Source:
Project Type:
Application Status:
Issue Date: 08/10/1971
Input Date: 11/18/93
Date Received: 10/24/74
Est Closure Date:
Mobile Capacity: 0
Mobile Units:
Mobile Description:
Prop City: OAKVILLE, ONTARIO
Prop Postal:
Prop Phone:
Serial Link: 210402
Approval Type:
Total Area (ha): 37
Landfill Cap (m³): 0
Transfer Area (ha): 0
Transfer Cap (m³): 0
Transfer Cert No:
Inciner. Area (ha): 0
Inciner. Cap (t): 0
Process Area (m³): 0
Process Cap (m³/d): 0
Process Vol (m³): 0
Process Feed (m³): 0
Site Concession: 1 NDS
Site Region/County:
SWP Area Name:
MOE District:
District Office: Halton-Peel
Latitude:
Longitude:
Geometry X:
Geometry Y:

Proponent: HALTON, REGIONAL MUNCIPALITY
Prop Address: 1151 BRONTE ROAD
Proponent County/District:
Full Address:
Site Lot: 21 AND 22, N 1/2
Waste Class Code:
Waste Class:
Waste Type: domestic, solid hazardous
Waste Type Other: Yes
Waste Description: 445.5 TONNES OF DOMESTIC WASTE, 202.5 TONNES OF NON HAZARDOUS SOLID WASTE, 27 TONNES OF OTHERS. DATA TAKEN FROM APPLICATION DATED: 01/08/1980.
Landfill Monitoring: groundwater, surface water

Landfill Ctrl Type:	leachate
Site Closing Description:	THERE ARE 4 CONDITIONS IN THE CERTIFICATE.
Project Description:	
Municipalities Served:	POPULATION 260 550. DATA TAKEN FROM APPLICATION DATED: 01/08/1980
Approval Description:	
Other Approvals/Permits:	
PDF URL:	
PDF Site Location:	

16 | **2 of 11** | **SE/230.3** | **173.9 / -10.06** | **3430 FOURTH LINE OAKVILLE AND MILTON ON** | **WDS**

Approval No:	A210402	**Total Area (ha):**	37
Mob Unit Cert No:		**Landfill Cap (m³):**	0
EBR Registry No:		**Transfer Area (ha):**	0
Status:		**Transfer Cap (m³):**	0
Facility Type:	Landfill	**Transfer Cert No:**	
Record Type:		**Inciner. Area (ha):**	0
Link Source:		**Inciner. Cap (t):**	0
Project Type:		**Process Area (m³):**	0
Application Status:		**Process Cap (m³/d):**	0
Issue Date:	07/11/1972	**Process Vol (m³):**	0
Input Date:	11/18/93	**Process Feed (m³):**	0
Date Received:	10/24/74	**Site Concession:**	1 NDS
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:	0	**SWP Area Name:**	
Mobile Units:		**MOE District:**	
Mobile Description:		**District Office:**	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	**Latitude:**	
Prop Postal:		**Longitude:**	
Prop Phone:		**Geometry X:**	
Serial Link:	210402	**Geometry Y:**	

Approval Type:	
Proponent:	HALTON, REGIONAL MUNCIPALITY
Prop Address:	1151 BRONTE ROAD
Proponent County/District:	
Full Address:	
Site Lot:	21 AND 22, N 1/2
Waste Class Code:	
Waste Class:	
Waste Type:	domestic, solid hazardous
Waste Type Other:	Yes
Waste Description:	445.5 TONNES OF DOMESTIC WASTE, 202.5 TONNES OF NON HAZARDOUS SOLID WASTE, 27 TONNES OF OTHERS. DATA TAKEN FROM APPLICATION DATED: 01/08/1980.
Landfill Monitoring:	groundwater, surface water
Landfill Ctrl Type:	leachate
Site Closing Description:	THERE ARE 2 CONDITIONS IN THE CERTIFICATE.
Project Description:	
Municipalities Served:	POPULATION 260 550. DATA TAKEN FROM APPLICATION DATED: 01/08/1980
Approval Description:	
Other Approvals/Permits:	
PDF URL:	
PDF Site Location:	

16 | **3 of 11** | **SE/230.3** | **173.9 / -10.06** | **3430 FOURTH LINE OAKVILLE AND MILTON ON** | **WDS**

Approval No:	A210402	**Total Area (ha):**	37
Mob Unit Cert No:		**Landfill Cap (m³):**	0
EBR Registry No:		**Transfer Area (ha):**	0
Status:		**Transfer Cap (m³):**	0
Facility Type:	Landfill	**Transfer Cert No:**	

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

Record Type:		**Inciner. Area (ha):**	0
Link Source:		**Inciner. Cap (t):**	0
Project Type:		**Process Area (m³):**	0
Application Status:		**Process Cap (m³/d):**	0
Issue Date:	01/22/1973	**Process Vol (m³):**	0
Input Date:	11/18/93	**Process Feed (m³):**	0
Date Received:	10/24/74	**Site Concession:**	1 NDS
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:	0	**SWP Area Name:**	
Mobile Units:		**MOE District:**	
Mobile Description:		**District Office:**	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	**Latitude:**	
Prop Postal:		**Longitude:**	
Prop Phone:		**Geometry X:**	
Serial Link:	210402	**Geometry Y:**	
Approval Type:			
Proponent:	HALTON, REGIONAL MUNCIPALITY		
Prop Address:	1151 BRONTE ROAD		
Proponent County/District:			
Full Address:			
Site Lot:	21 AND 22, N 1/2		
Waste Class Code:			
Waste Class:			
Waste Type:	domestic, solid hazardous		
Waste Type Other:	Yes		
Waste Description:	445.5 TONNES OF DOMESTIC WASTE, 202.5 TONNES OF NON HAZARDOUS SOLID WASTE, 27 TONNES OF OTHERS. DATA TAKEN FROM APPLICATION DATED: 01/08/1980.		
Landfill Monitoring:	groundwater, surface water		
Landfill Ctrl Type:	leachate		
Site Closing Description:	THERE IS NO CONDITIONS IN THE CERTIFICATE.		
Project Description:			
Municipalities Served:	POPULATION 260 550. DATA TAKEN FROM APPLICATION DATED: 01/08/1980		
Approval Description:			
Other Approvals/Permits:			
PDF URL:			
PDF Site Location:			

16 | ***4 of 11*** | ***SE/230.3*** | ***173.9 / -10.06*** | ***3430 FOURTH LINE OAKVILLE AND MILTON ON*** | ***WDS***

Approval No:	A210402	**Total Area (ha):**	37
Mob Unit Cert No:		**Landfill Cap (m³):**	0
EBR Registry No:		**Transfer Area (ha):**	0
Status:		**Transfer Cap (m³):**	0
Facility Type:	Landfill	**Transfer Cert No:**	
Record Type:		**Inciner. Area (ha):**	0
Link Source:		**Inciner. Cap (t):**	0
Project Type:		**Process Area (m³):**	0
Application Status:		**Process Cap (m³/d):**	0
Issue Date:	08/21/1973	**Process Vol (m³):**	0
Input Date:	11/18/93	**Process Feed (m³):**	0
Date Received:	10/24/74	**Site Concession:**	1 NDS
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:	0	**SWP Area Name:**	
Mobile Units:		**MOE District:**	
Mobile Description:		**District Office:**	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	**Latitude:**	
Prop Postal:		**Longitude:**	
Prop Phone:		**Geometry X:**	
Serial Link:	210402	**Geometry Y:**	
Approval Type:			
Proponent:	HALTON, REGIONAL MUNCIPALITY		
Prop Address:	1151 BRONTE ROAD		
Proponent County/District:			

Full Address:	
Site Lot:	21 AND 22, N 1/2
Waste Class Code:	
Waste Class:	
Waste Type:	domestic, solid hazardous
Waste Type Other:	Yes
Waste Description:	445.5 TONNES OF DOMESTIC WASTE, 202.5 TONNES OF NON HAZARDOUS SOLID WASTE, 27 TONNES OF OTHERS. DATA TAKEN FROM APPLICATION DATED: 01/08/1980.
Landfill Monitoring:	groundwater, surface water
Landfill Ctrl Type:	leachate
Site Closing Description:	THERE IS NO CONDITIONS IN THE CERTIFICATE.
Project Description:	
Municipalities Served:	POPULATION 260 550. DATA TAKEN FROM APPLICATION DATED: 01/08/1980
Approval Description:	
Other Approvals/Permits:	
PDF URL:	
PDF Site Location:	

---

16 | ***5 of 11*** | ***SE/230.3*** | ***173.9 / -10.06*** | ***3430 FOURTH LINE OAKVILLE AND MILTON ON*** | ***WDS***

Approval No:	A210402	**Total Area (ha):**	37
Mob Unit Cert No:		**Landfill Cap (m^3):**	0
EBR Registry No:		**Transfer Area (ha):**	0
Status:		**Transfer Cap (m^3):**	0
Facility Type:	Landfill	**Transfer Cert No:**	
Record Type:		**Inciner. Area (ha):**	0
Link Source:		**Inciner. Cap (t):**	0
Project Type:		**Process Area (m^3):**	0
Application Status:		**Process Cap (m^3/d):**	0
Issue Date:	07/01/1974	**Process Vol (m^3):**	0
Input Date:	11/18/93	**Process Feed (m^3):**	0
Date Received:	10/24/74	**Site Concession:**	1 NDS
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:	0	**SWP Area Name:**	
Mobile Units:		**MOE District:**	
Mobile Description:		**District Office:**	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	**Latitude:**	
Prop Postal:		**Longitude:**	
Prop Phone:		**Geometry X:**	
Serial Link:	210402	**Geometry Y:**	

Approval Type:	
Proponent:	HALTON, REGIONAL MUNCIPALITY
Prop Address:	1151 BRONTE ROAD
Proponent County/District:	
Full Address:	
Site Lot:	21 AND 22, N 1/2
Waste Class Code:	
Waste Class:	
Waste Type:	domestic, solid hazardous
Waste Type Other:	Yes
Waste Description:	445.5 TONNES OF DOMESTIC WASTE, 202.5 TONNES OF NON HAZARDOUS SOLID WASTE, 27 TONNES OF OTHERS. DATA TAKEN FROM APPLICATION DATED: 01/08/1980.
Landfill Monitoring:	groundwater, surface water
Landfill Ctrl Type:	leachate
Site Closing Description:	THERE IS ONE CONDITION IN THE CERTIFICATE.
Project Description:	
Municipalities Served:	POPULATION 260 550. DATA TAKEN FROM APPLICATION DATED: 01/08/1980
Approval Description:	
Other Approvals/Permits:	
PDF URL:	
PDF Site Location:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	6 of 11	SE/230.3	173.9 / -10.06	3430 FOURTH LINE OAKVILLE AND MILTON ON	WDS

Approval No:	A210402	**Total Area (ha):**	37
Mob Unit Cert No:		**Landfill Cap (m³):**	0
EBR Registry No:		**Transfer Area (ha):**	0
Status:		**Transfer Cap (m³):**	0
Facility Type:	Landfill	**Transfer Cert No:**	
Record Type:		**Inciner. Area (ha):**	0
Link Source:		**Inciner. Cap (t):**	0
Project Type:		**Process Area (m³):**	0
Application Status:		**Process Cap (m³/d):**	0
Issue Date:	09/01/1975	**Process Vol (m³):**	0
Input Date:	11/18/93	**Process Feed (m³):**	0
Date Received:	10/24/74	**Site Concession:**	1 NDS
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:	0	**SWP Area Name:**	
Mobile Units:		**MOE District:**	
Mobile Description:		**District Office:**	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	**Latitude:**	
Prop Postal:		**Longitude:**	
Prop Phone:		**Geometry X:**	
Serial Link:	210402	**Geometry Y:**	

Approval Type:
Proponent: HALTON, REGIONAL MUNCIPALITY
Prop Address: 1151 BRONTE ROAD
Proponent County/District:
Full Address:
Site Lot: 21 AND 22, N 1/2
Waste Class Code:
Waste Class:
Waste Type: domestic, solid hazardous
Waste Type Other: Yes
Waste Description: 445.5 TONNES OF DOMESTIC WASTE, 202.5 TONNES OF NON HAZARDOUS SOLID WASTE, 27 TONNES OF OTHERS. DATA TAKEN FROM APPLICATION DATED: 01/08/1980.
Landfill Monitoring: groundwater, surface water
Landfill Ctrl Type: leachate
Site Closing Description: THERE IS ONE CONDITION IN THE CERTIFICATE.
Project Description:
Municipalities Served: POPULATION 260 550. DATA TAKEN FROM APPLICATION DATED: 01/08/1980
Approval Description:
Other Approvals/Permits:
PDF URL:
PDF Site Location:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	7 of 11	SE/230.3	173.9 / -10.06	3430 FOURTH LINE OAKVILLE AND MILTON ON	WDS

Approval No:	A210402	**Total Area (ha):**	37
Mob Unit Cert No:		**Landfill Cap (m³):**	0
EBR Registry No:		**Transfer Area (ha):**	0
Status:		**Transfer Cap (m³):**	0
Facility Type:	Landfill	**Transfer Cert No:**	
Record Type:		**Inciner. Area (ha):**	0
Link Source:		**Inciner. Cap (t):**	0
Project Type:		**Process Area (m³):**	0
Application Status:		**Process Cap (m³/d):**	0
Issue Date:	11/08/1977	**Process Vol (m³):**	0
Input Date:	11/18/93	**Process Feed (m³):**	0
Date Received:	10/24/74	**Site Concession:**	1 NDS
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:	0	**SWP Area Name:**	
Mobile Units:		**MOE District:**	

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

Mobile Description:		**District Office:**	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	**Latitude:**	
Prop Postal:		**Longitude:**	
Prop Phone:		**Geometry X:**	
Serial Link:	210402	**Geometry Y:**	
Approval Type:			
Proponent:	HALTON, REGIONAL MUNCIPALITY		
Prop Address:	1151 BRONTE ROAD		
Proponent County/District:			
Full Address:			
Site Lot:	21 AND 22, N 1/2		
Waste Class Code:			
Waste Class:			
Waste Type:	domestic, solid hazardous		
Waste Type Other:	Yes		
Waste Description:	445.5 TONNES OF DOMESTIC WASTE, 202.5 TONNES OF NON HAZARDOUS SOLID WASTE, 27 TONNES OF OTHERS. DATA TAKEN FROM APPLICATION DATED: 01/08/1980.		
Landfill Monitoring:	groundwater, surface water		
Landfill Ctrl Type:	leachate		
Site Closing Description:	THERE IS NO CONDITIONS IN THE CERTIFICATE.		
Project Description:			
Municipalities Served:	POPULATION 260 550. DATA TAKEN FROM APPLICATION DATED: 01/08/1980		
Approval Description:	NOTE: date typed wrong. returned feb 2/1978 another issued.		
Other Approvals/Permits:			
PDF URL:			
PDF Site Location:			

16 | ***8 of 11*** | ***SE/230.3*** | ***173.9 / -10.06*** | ***3430 FOURTH LINE OAKVILLE AND MILTON ON*** | ***WDS***

Approval No:	A210402	**Total Area (ha):**	37
Mob Unit Cert No:		**Landfill Cap (m^3):**	0
EBR Registry No:		**Transfer Area (ha):**	0
Status:		**Transfer Cap (m^3):**	0
Facility Type:	Landfill	**Transfer Cert No:**	
Record Type:		**Inciner. Area (ha):**	0
Link Source:		**Inciner. Cap (t):**	0
Project Type:		**Process Area (m^3):**	0
Application Status:		**Process Cap (m^3/d):**	0
Issue Date:	01/13/1978	**Process Vol (m^3):**	0
Input Date:	11/18/93	**Process Feed (m^3):**	0
Date Received:	10/24/74	**Site Concession:**	1 NDS
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:	0	**SWP Area Name:**	
Mobile Units:		**MOE District:**	
Mobile Description:		**District Office:**	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	**Latitude:**	
Prop Postal:		**Longitude:**	
Prop Phone:		**Geometry X:**	
Serial Link:	210402	**Geometry Y:**	
Approval Type:			
Proponent:	HALTON, REGIONAL MUNCIPALITY		
Prop Address:	1151 BRONTE ROAD		
Proponent County/District:			
Full Address:			
Site Lot:	21 AND 22, N 1/2		
Waste Class Code:			
Waste Class:			
Waste Type:	domestic, solid hazardous		
Waste Type Other:	Yes		
Waste Description:	445.5 TONNES OF DOMESTIC WASTE, 202.5 TONNES OF NON HAZARDOUS SOLID WASTE, 27 TONNES OF OTHERS. DATA TAKEN FROM APPLICATION DATED: 01/08/1980.		
Landfill Monitoring:	groundwater, surface water		
Landfill Ctrl Type:	leachate		

Site Closing Description: THERE IS NO CONDITIONS IN THE CERTIFICATE.
Project Description:
Municipalities Served: POPULATION 260 550. DATA TAKEN FROM APPLICATION DATED: 01/08/1980
Approval Description:
Other Approvals/Permits:
PDF URL:
PDF Site Location:

---

16 | **9 of 11** | **SE/230.3** | **173.9 / -10.06** | **3430 FOURTH LINE OAKVILLE AND MILTON ON** | **WDS**

Approval No:	A210402	**Total Area (ha):**	37
Mob Unit Cert No:		**Landfill Cap (m³):**	0
EBR Registry No:		**Transfer Area (ha):**	0
Status:		**Transfer Cap (m³):**	0
Facility Type:	Landfill	**Transfer Cert No:**	
Record Type:		**Inciner. Area (ha):**	0
Link Source:		**Inciner. Cap (t):**	0
Project Type:		**Process Area (m³):**	0
Application Status:		**Process Cap (m³/d):**	0
Issue Date:	01/11/1979	**Process Vol (m³):**	0
Input Date:	11/18/93	**Process Feed (m³):**	0
Date Received:	10/24/74	**Site Concession:**	1 NDS
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:	0	**SWP Area Name:**	
Mobile Units:		**MOE District:**	
Mobile Description:		**District Office:**	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	**Latitude:**	
Prop Postal:		**Longitude:**	
Prop Phone:		**Geometry X:**	
Serial Link:	210402	**Geometry Y:**	

Approval Type:
Proponent: HALTON, REGIONAL MUNCIPALITY
Prop Address: 1151 BRONTE ROAD
Proponent County/District:
Full Address:
Site Lot: 21 AND 22, N 1/2
Waste Class Code:
Waste Class:
Waste Type: domestic, solid hazardous
Waste Type Other: Yes
Waste Description: 445.5 TONNES OF DOMESTIC WASTE, 202.5 TONNES OF NON HAZARDOUS SOLID WASTE, 27 TONNES OF OTHERS. DATA TAKEN FROM APPLICATION DATED: 01/08/1980.
Landfill Monitoring: groundwater, surface water
Landfill Ctrl Type: leachate
Site Closing Description: THERE IS NO CONDITIONS IN THE CERTIFICATE.
Project Description:
Municipalities Served: POPULATION 260 550. DATA TAKEN FROM APPLICATION DATED: 01/08/1980
Approval Description:
Other Approvals/Permits:
PDF URL:
PDF Site Location:

---

16 | **10 of 11** | **SE/230.3** | **173.9 / -10.06** | **CLOSED OAKVILLE LANDFILL SITE 3430 FOURTH LINE OAKVILLE ON** | **WDS**

Approval No:	A210402	**Total Area (ha):**	37
Mob Unit Cert No:		**Landfill Cap (m³):**	0
EBR Registry No:		**Transfer Area (ha):**	0
Status:	Approved	**Transfer Cap (m³):**	0
Facility Type:	Landfill	**Transfer Cert No:**	

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

Record Type:		**Inciner. Area (ha):**	0
Link Source:		**Inciner. Cap (t):**	0
Project Type:		**Process Area (m³):**	0
Application Status:		**Process Cap (m³/d):**	0
Issue Date:	04/18/1994	**Process Vol (m³):**	0
Input Date:	5/5/94	**Process Feed (m³):**	0
Date Received:	3/31/94	**Site Concession:**	1 NDS
Est Closure Date:		**Site Region/County:**	HALTON
Mobile Capacity:	0	**SWP Area Name:**	
Mobile Units:		**MOE District:**	
Mobile Description:		**District Office:**	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	**Latitude:**	
Prop Postal:	L6J-6E1	**Longitude:**	
Prop Phone:	905-825-6000	**Geometry X:**	
Serial Link:	210402	**Geometry Y:**	
Approval Type:			

Proponent: HALTON, REGIONAL MUNCIPALITY
Prop Address: PO Box 7000, 2316 S. Serv. RdW
Proponent County/District:
Full Address:
Site Lot: 21 AND 22, N 1/2
Waste Class Code:
Waste Class:
Waste Type: domestic, solid hazardous
Waste Type Other: Yes
Waste Description: 445.5 TONNES OF DOMESTIC WASTE, 202.5 TONNES OF NON HAZARDOUS SOLID WASTE, 27 TONNES OF OTHERS. DATA TAKEN FROM APPLICATION DATED: 01/08/1980.
Landfill Monitoring: groundwater, surface water
Landfill Ctrl Type: leachate
Site Closing Description: Closure date was specified in closure report required under conditon No. 14. Site has been closed since that date.
Project Description:
Municipalities Served: POPULATION 260 550. DATA TAKEN FROM APPLICATION DATED: 01/08/1980
Approval Description:
Other Approvals/Permits:
PDF URL:
PDF Site Location:

---

16 | **11 of 11** | **SE/230.3** | **173.9 / -10.06** | **OAKVILLE LANDFILL SITE (CLOSED**
3430 FOURTH LINE
OAKVILLE ON | **WDS**

Approval No:	A210402	**Total Area (ha):**	37
Mob Unit Cert No:		**Landfill Cap (m³):**	0
EBR Registry No:		**Transfer Area (ha):**	0
Status:	Revision in Progress	**Transfer Cap (m³):**	0
Facility Type:	Landfill	**Transfer Cert No:**	
Record Type:		**Inciner. Area (ha):**	0
Link Source:		**Inciner. Cap (t):**	0
Project Type:		**Process Area (m³):**	0
Application Status:		**Process Cap (m³/d):**	0
Issue Date:	07/30/1997	**Process Vol (m³):**	0
Input Date:	7/31/97	**Process Feed (m³):**	0
Date Received:	5/7/97	**Site Concession:**	1 NDS
Est Closure Date:		**Site Region/County:**	HALTON
Mobile Capacity:	0	**SWP Area Name:**	
Mobile Units:		**MOE District:**	
Mobile Description:		**District Office:**	Halton-Peel
Prop City:	Oakville, Ontario	**Latitude:**	
Prop Postal:	L6M-3L1	**Longitude:**	
Prop Phone:	905-825-6000	**Geometry X:**	
Serial Link:	210402	**Geometry Y:**	
Approval Type:			

Proponent: HALTON, REGIONAL MUNCIPALITY
Prop Address: 1151 Bronte Road

Proponent County/District:	
Full Address:	
Site Lot:	21 AND 22, N 1/2
Waste Class Code:	
Waste Class:	
Waste Type:	domestic, solid hazardous
Waste Type Other:	Yes
Waste Description:	445.5 TONNES OF DOMESTIC WASTE, 202.5 TONNES OF NON HAZARDOUS SOLID WASTE, 27 TONNES OF OTHERS. DATA TAKEN FROM APPLICATION DATED: 01/08/1980.
Landfill Monitoring:	groundwater, surface water
Landfill Ctrl Type:	leachate
Site Closing Description:	Closure date was specified in closure report required under conditon No. 14. Site has been closed since that date.
Project Description:	
Municipalities Served:	POPULATION 260 550. DATA TAKEN FROM APPLICATION DATED: 01/08/1980
Approval Description:	
Other Approvals/Permits:	
PDF URL:	
PDF Site Location:	

17	1 of 1	SSW/237.2	174.9 / -9.13	lot 21 con 2 ON	WWIS

Well ID:	2802218	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/8/1961
Sec. Water Use:	0	**Selected Flag:**	True
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:**	021
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\2802218.pdf

Additional Detail(s) (Map)

Well Completed Date:	1961/06/23
Year Completed:	1961
Depth (m):	15.5448
Latitude:	43.4768716590565
Longitude:	-79.7654410757873
Path:	280\2802218.pdf

Bore Hole Information

Bore Hole ID:	10148772	**Elevation:**	174.630325
DP2BR:	22.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	599845.60
Code OB Desc:	Bedrock	**North83:**	4814513.00
Open Hole:		**Org CS:**	

Cluster Kind:
Date Completed: 23-Jun-1961 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931427983
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 22.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427984
Layer: 2
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 22.0
Formation End Depth: 51.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962802218
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10697342
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253148

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

Construction Record - Casing

Casing ID:	930253149
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	51
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992802218
Pump Set At:	
Static Level:	7.0
Final Level After Pumping:	51.0
Recommended Pump Depth:	48.0
Pumping Rate:	2.0
Flowing Rate:	
Recommended Pump Rate:	2.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933604271
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	27.0
Water Found Depth UOM:	ft

Unplottable Summary

Total: <u>35</u> Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	King's Christian Collegiate		Oakville ON	
CA	Dundas Street Subdivision	Part of Lot 21 & 22, Concession 1	Oakville ON	
CA	OAKVILLE TOWN	FOURTH LINE	OAKVILLE TOWN ON	
CA	R.M. OF HALTON	NEYAGAWA BLVD. SAN. FORCEMAIN	OAKVILLE TOWN ON	
CA	Dundas Street Subdivision	Part of Lot 21 & 22, Concession 1	Oakville ON	
ECA	1432007 Ontario Limited	Part of Lot 21 & 22, Concession 1	Oakville ON	L4K 1Y2
ECA	1432007 Ontario Limited	Part of Lot 21 & 22, Concession 1	Oakville ON	L4K 1Y2
ECA	The Regional Municipality of Halton	Neyagawa Boulevard	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Neyagawa Blvd from Dundas Street West to Burnhamthorpe Road	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Neyagawa Boulevard	Oakville ON	L6M 2G2
EHS		Parcel 6	Oakville ON	
EHS		Parcel 2	Oakville ON	
GEN	HALTON, REGIONAL MUNICIPALITY OF	4TH LINE LANDFILL NEYAGAWA BLVD.	OAKVILLE ON	L6J 6E1
GEN	HALTON, REGIONAL MUNICIPALITY OF	4TH LINE LANDFILL NEYAGAWA BLVD.	OAKVILLE ON	L6J 6E1
GEN	HALTON, REGIONAL MUNICIPALITY OF	4TH LINE LANDFILL NEYAGAWA BLVD.	OAKVILLE ON	L6J 6E1
GEN	HALTON, REGIONAL MUNICIPALITY OF	4TH LINE LANDFILL NEYAGAWA BLVD.	OAKVILLE ON	L6J 6E1
GEN	HALTON, REGIONAL MUNICIPALITY OF	CLOSED OAKVILLE LANDFILL SITE 4TH LINE NORTH, C/O 1151 BRONTE ROAD	OAKVILLE ON	L6J 6E1

GEN	HALTON, REGIONAL MUNICIPALITY OF 19-069	CLOSED OAKVILLE LANDFILL SITE 4TH LINE NORTH, C/O 1151 BRONTE ROAD	OAKVILLE ON	L6J 6E1
GEN	HALTON, REGIONAL MUNICIPALITY OF	CLOSED OAKVILLE LANDFILL SITE 4TH LINE NORTH	OAKVILLE ON	
GEN	HALTON, REGIONAL MUNICIPALITY OF	CLOSED OAKVILLE LANDFILL SITE NEYAGAWA BLVD.	OAKVILLE ON	
LIMO	Oakville Landfill The Corporation of the Regional Municipality of Halton Town	of Oakville Lot 21-22, First Concession North of Dundas Street Halton	ON	
SPL	The Corporation of the Town of Oakville	Neyagawa Blvd, North of Dundas St.	Oakville ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 2	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		lot 21 con 2	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 2	ON	

Unplottable Report

Site: ***King's Christian Collegiate***
Oakville ON

Database: ***CA***

Certificate #:	3433-63KR24
Application Year:	2004
Issue Date:	8/23/2004
Approval Type:	Municipal and Private Sewage Works
Status:	Revoked and/or Replaced
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Dundas Street Subdivision***
Part of Lot 21 & 22, Concession 1 Oakville ON

Database: ***CA***

Certificate #:	6354-54QUJJ
Application Year:	01
Issue Date:	11/23/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	1432007 Ontario Limited
Client Address:	7501 Keele Street
Client City:	Vaughan
Client Postal Code:	L4K 1Y2
Project Description:	Construction of Watermains
Contaminants:	
Emission Control:	

Site: ***OAKVILLE TOWN***
FOURTH LINE OAKVILLE TOWN ON

Database: ***CA***

Certificate #:	3-0915-87-
Application Year:	87
Issue Date:	6/15/1987
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***
NEYAGAWA BLVD. SAN. FORCEMAIN OAKVILLE TOWN ON

Database: ***CA***

Certificate #:	3-1750-95-966

Application Year: 95
Issue Date: 1/12/96
Approval Type: Municipal sewage
Status: Received in 1995, Issued in 1996
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Dundas Street Subdivision***
Part of Lot 21 & 22, Concession 1 Oakville ON

Database: ***CA***

Certificate #: 5395-54QUND
Application Year: 01
Issue Date: 11/23/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 1432007 Ontario Limited
Client Address: 7501 Keele Street
Client City: Vaughan
Client Postal Code: L4K 1Y2
Project Description: Construction of Storm and Sanitary Sewers
Contaminants:
Emission Control:

Site: ***1432007 Ontario Limited***
Part of Lot 21 & 22, Concession 1 Oakville ON L4K 1Y2

Database: ***ECA***

Approval No: 6354-54QUJJ
Approval Date: 2001-11-23
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Business Name: 1432007 Ontario Limited
Address: Part of Lot 21 & 22, Concession 1
Full Address:
Full PDF Link:
PDF Site Location:

Site: ***1432007 Ontario Limited***
Part of Lot 21 & 22, Concession 1 Oakville ON L4K 1Y2

Database: ***ECA***

Approval No: 5395-54QUND
Approval Date: 2001-11-23
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: 1432007 Ontario Limited
Address: Part of Lot 21 & 22, Concession 1
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6031-54NRKP-14.pdf
PDF Site Location:

Site: ***The Regional Municipality of Halton***
Neyagawa Boulevard Oakville ON L6M 3L1

Database: ***ECA***

Approval No:	4535-9WHLCB	***MOE District:***	
Approval Date:	2015-05-20	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	The Regional Municipality of Halton		
Address:	Neyagawa Boulevard		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6899-9R7SGN-14.pdf		
PDF Site Location:			

Site: ***The Regional Municipality of Halton***
Neyagawa Blvd from Dundas Street West to Burnhamthorpe Road Oakville ON L6M 3L1

Database: ***ECA***

Approval No:	2725-9RHQNA	***MOE District:***	
Approval Date:	2014-12-18	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	The Regional Municipality of Halton		
Address:	Neyagawa Blvd from Dundas Street West to Burnhamthorpe Road		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3044-9RFLVX-14.pdf		
PDF Site Location:			

Site: ***The Regional Municipality of Halton***
Neyagawa Boulevard Oakville ON L6M 2G2

Database: ***ECA***

Approval No:	8460-8S8JN4	***MOE District:***	
Approval Date:	2012-03-12	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	The Regional Municipality of Halton		
Address:	Neyagawa Boulevard		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6730-8S6TD9-14.pdf		
PDF Site Location:			

Site:
Parcel 6 Oakville ON

Database: ***EHS***

Order No:	19990601006	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	6/11/99	***Search Radius (km):***	0.50
Date Received:	6/1/99	***X:***	-79.767945
Previous Site Name:		***Y:***	43.483286
Lot/Building Size:			
Additional Info Ordered:			

Site: ***Database:***
Parcel 2 Oakville ON ***EHS***

Order No:	19990601002	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	6/11/99	***Search Radius (km):***	0.50
Date Received:	6/1/99	***X:***	-79.734006
Previous Site Name:		***Y:***	43.520258
Lot/Building Size:			
Additional Info Ordered:			

Site: ***HALTON, REGIONAL MUNICIPALITY OF*** ***Database:***
4TH LINE LANDFILL NEYAGAWA BLVD. OAKVILLE ON L6J 6E1 ***GEN***

Generator No:	ON0277100	***PO Box No:***	
Status:		***Country:***	Canada
Approval Years:	2014	***Choice of Contact:***	CO_ADMIN
Contam. Facility:	No	***Co Admin:***	ALLISON TYLDESLEY
MHSW Facility:	No	***Phone No Admin:***	(905) 825-6000 Ext.8208
SIC Code:	562210, 562990		
SIC Description:	WASTE TREATMENT AND DISPOSAL, ALL OTHER WASTE MANAGEMENT SERVICES		

Detail(s)

Waste Class:	149
Waste Class Desc:	LANDFILL LEACHATES

Site: ***HALTON, REGIONAL MUNICIPALITY OF*** ***Database:***
4TH LINE LANDFILL NEYAGAWA BLVD. OAKVILLE ON L6J 6E1 ***GEN***

Generator No:	ON0277100	***PO Box No:***	
Status:		***Country:***	Canada
Approval Years:	2015	***Choice of Contact:***	CO_ADMIN
Contam. Facility:	No	***Co Admin:***	ALLISON TYLDESLEY
MHSW Facility:	No	***Phone No Admin:***	(905) 825-6000 Ext.8208
SIC Code:	562210, 562990		
SIC Description:	WASTE TREATMENT AND DISPOSAL, ALL OTHER WASTE MANAGEMENT SERVICES		

Detail(s)

Waste Class:	149
Waste Class Desc:	LANDFILL LEACHATES

Site: ***HALTON, REGIONAL MUNICIPALITY OF*** ***Database:***
4TH LINE LANDFILL NEYAGAWA BLVD. OAKVILLE ON L6J 6E1 ***GEN***

Generator No:	ON0277100	***PO Box No:***	
Status:		***Country:***	
Approval Years:	07,08	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	562990		
SIC Description:	All Other Waste Management Services		

Detail(s)

Waste Class:	143
Waste Class Desc:	STEEL MAKING RESIDUES
Waste Class:	144

Waste Class Desc: INORGANIC TANNERY WASTES

Waste Class: 149
Waste Class Desc: LANDFILL LEACHATES

Site: ***HALTON, REGIONAL MUNICIPALITY OF***
4TH LINE LANDFILL NEYAGAWA BLVD. OAKVILLE ON L6J 6E1

Database: ***GEN***

Generator No: ON0277100
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 562990
SIC Description: All Other Waste Management Services

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

Detail(s)

Waste Class: 149
Waste Class Desc: LANDFILL LEACHATES

Site: ***HALTON, REGIONAL MUNICIPALITY OF***
CLOSED OAKVILLE LANDFILL SITE 4TH LINE NORTH, C/O 1151 BRONTE ROAD OAKVILLE ON L6J 6E1

Database: ***GEN***

Generator No: ON0277100
Status:
Approval Years: 86,87,88,89,90,97
Contam. Facility:
MHSW Facility:
SIC Code: 4999
SIC Description: OTHER UTILITY IND.

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

Detail(s)

Waste Class: 149
Waste Class Desc: LANDFILL LEACHATES

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Site: ***HALTON, REGIONAL MUNICIPALITY OF 19-069***
CLOSED OAKVILLE LANDFILL SITE 4TH LINE NORTH, C/O 1151 BRONTE ROAD OAKVILLE ON L6J 6E1

Database: ***GEN***

Generator No: ON0277100
Status:
Approval Years: 92,93,94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 4999
SIC Description: OTHER UTILITY IND.

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

Detail(s)

Waste Class: 149
Waste Class Desc: LANDFILL LEACHATES

Site: ***HALTON, REGIONAL MUNICIPALITY OF***
CLOSED OAKVILLE LANDFILL SITE 4TH LINE NORTH OAKVILLE ON

Database: ***GEN***

Generator No: ON0277100
Status:
Approval Years: 98,99,00,01
Contam. Facility:
MHSW Facility:

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

SIC Code: 4999
SIC Description: OTHER UTILITY IND.

Detail(s)

Waste Class: 149
Waste Class Desc: LANDFILL LEACHATES

Site: ***HALTON, REGIONAL MUNICIPALITY OF***
CLOSED OAKVILLE LANDFILL SITE NEYAGAWA BLVD. OAKVILLE ON

Database: ***GEN***

Generator No: ON0277100
Status:
Approval Years: 02,03,04,05,06
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 149
Waste Class Desc: LANDFILL LEACHATES

Waste Class: 143
Waste Class Desc: STEEL MAKING RESIDUES

Waste Class: 144
Waste Class Desc: INORGANIC TANNERY WASTES

Site: ***Oakville Landfill The Corporation of the Regional Municipality of Halton Town of Oakville Lot 21-22, First Concession North of Dundas Street Halton ON***

Database: ***LIMO***

ECA/Instrument No: A210402
Oper Status 2016: Closed
C of A Issue Date:
C of A Issued to:
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:
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:
ERC Methodology:
Site Name: Oakville Landfill
The Corporation of the Regional Municipality of Halton
Town of Oakville
Site Location Details:
Service Area:

Natural Attenuation:
Liners:
Cover Material:
Leachate Off-Site:
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:

Page URL:

Site: ***The Corporation of the Town of Oakville***
Neyagawa Blvd, North of Dundas St. Oakville ON

Database: ***SPL***

Ref No:	1086-5QSSD5	***Discharger Report:***	
Site No:		***Material Group:***	Miscellaneous
Incident Dt:	8/26/2003	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Unknown	***Sector Type:***	Waste Disposal Site
Incident Event:		***Agency Involved:***	
Contaminant Code:	99	***Nearest Watercourse:***	
Contaminant Name:	LEACHATE, TRASH CAN, COMPACTOR, ETC	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Halton-Peel
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Central
Environment Impact:	Possible	***Site Municipality:***	Oakville
Nature of Impact:		***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:	8/26/2003	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Spills
Incident Reason:		***Source Type:***	
Site Name:	OAKVILLE CLOSED LANDFILL<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Spill of approx. 2- 15 m 3 leachate.		
Contaminant Qty:			

Site:
con 1 ON

Database: ***WWIS***

Well ID:	2809498	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	12/14/2001
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1660
Casing Material:		***Form Version:***	1
Audit No:	234053	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS N
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10518552	***Elevation:***	
DP2BR:	48.00	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9

Date Completed: 10-Jan-2001 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932838887
Layer: 6
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 48.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838884
Layer: 3
Color: 2
General Color: GREY
Mat1: 29
Most Common Material: FINE GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 33.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838883
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Mat2 Desc: SANDY
Mat3:
Mat3 Desc:
Formation Top Depth: 19.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838882
Layer: 1

Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 19.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838886
Layer: 5
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 42.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838885
Layer: 4
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 33.0
Formation End Depth: 42.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933221258
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962809498
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11067122
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264894
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930264893
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992809498
Pump Set At:
Static Level: 27.0
Final Level After Pumping: 65.0
Recommended Pump Depth: 70.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
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: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934175813
Test Type: Draw Down
Test Duration: 15
Test Level: 36.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934716704
Test Type: Draw Down
Test Duration: 45
Test Level: 57.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934978483
Test Type:	Draw Down
Test Duration:	60
Test Level:	65.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934458204
Test Type:	Draw Down
Test Duration:	30
Test Level:	48.0
Test Level UOM:	ft

Water Details

Water ID:	934010629
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	68.0
Water Found Depth UOM:	ft

Site:
con 1 ON

Database:
WWIS

Well ID:	2809497	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	12/14/2001
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1660
Casing Material:		***Form Version:***	1
Audit No:	234052	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS N
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10518551	***Elevation:***	
DP2BR:	46.00	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05-Jan-2001 00:00:00	***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: 932838881
Layer: 5
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 46.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838877
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 22.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838878
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Mat2 Desc: SANDY
Mat3:
Mat3 Desc:
Formation Top Depth: 22.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838880
Layer: 4
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:

Formation Top Depth: 41.0
Formation End Depth: 46.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838879
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 84
Mat2 Desc: SILTY
Mat3:
Mat3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 41.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933221257
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962809497
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11067121
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264891
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930264892
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:

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

Results of Well Yield Testing

Pump Test ID: 992809497
Pump Set At:
Static Level: 32.0
Final Level After Pumping: 68.0
Recommended Pump Depth: 70.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
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: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934716703
Test Type: Draw Down
Test Duration: 45
Test Level: 62.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934175812
Test Type: Draw Down
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934458203
Test Type: Draw Down
Test Duration: 30
Test Level: 51.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934978482
Test Type: Draw Down
Test Duration: 60
Test Level: 68.0
Test Level UOM: ft

Water Details

Water ID: 934010628
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70.0
Water Found Depth UOM: ft

Site:
con 2 ON

Database:
WWIS

Well ID:	2809505	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:		***Date Received:***	12/14/2001
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	
Water Type:		***Contractor:***	1660
Casing Material:		***Form Version:***	1
Audit No:	234055	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	DS S
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10518559	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	_	***East83:***	
Code OB Desc:	No formation data	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	21-Sep-2001 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	962809505
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	11067129
Casing No:	1
Comment:	
Alt Name:	

Site:
con 1 ON

Database:
WWIS

Well ID:	2809820	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Not Used	***Date Received:***	11/10/2003
Sec. Water Use:		***Selected Flag:***	True

Final Well Status:	Not A Well	***Abandonment Rec:***	
Water Type:		***Contractor:***	7215
Casing Material:		***Form Version:***	2
Audit No:	259726	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS S
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11098123	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	_	***East83:***	
Code OB Desc:	No formation data	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	18-Oct-2003 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	962809820
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	11101838
Casing No:	1
Comment:	
Alt Name:	

Site: ***Database:*** ***WWIS***

con 1 ON

Well ID:	2808555	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/14/1997
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4005
Casing Material:		***Form Version:***	1
Audit No:	181752	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	

Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10154812
DP2BR: 18.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 29-Jul-1997 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931452083
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931452082
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931452087
Layer: 6

Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 97.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931452085
Layer: 4
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 27.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931452084
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 27.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931452086
Layer: 5
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 97.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962808555
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10703382
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930263412
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 27
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930263413
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992808555
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Site:
lot 21 con 2 ON

Database: ***WWIS***

Well ID: 2809200
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:

Data Entry Status:
Data Src: 1
Date Received: 7/7/2000
Selected Flag: True
Abandonment Rec:
Contractor: 1663

Casing Material:
Audit No: 213481
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:

Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 021
Concession: 02
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10155457
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 10-Mar-2000 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 962809200
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 10704027
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809819
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 259727
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 11/10/2003
Selected Flag: True
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 01
Concession Name: DS S

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

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098122
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 18-Oct-2003 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 962809819
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11101837
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809818
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Not A Well
Water Type:
Casing Material:
Audit No: 259728
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: 11/10/2003
Selected Flag: True
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098121
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 18-Oct-2003 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 962809818
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11101836
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809817
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 259729
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: 11/10/2003
Selected Flag: True
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098120
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 18-Oct-2003 00:00:00
Remarks:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

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

Method of Construction & Well Use

Method Construction ID: 962809817
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11101835
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809816
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Not A Well
Water Type:
Casing Material:
Audit No: 259730
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: 11/10/2003
Selected Flag: True
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098119
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 18-Oct-2003 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well

Use

Method Construction ID: 962809816
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11101834
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809815
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 257909
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: 11/10/2003
Selected Flag: True
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098118
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 18-Oct-2003 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 962809815
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11101833
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database:
WWIS

Well ID: 2809579
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 228758
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: 5/22/2002
Selected Flag: True
Abandonment Rec:
Contractor: 3349
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10525254
DP2BR:
Spatial Status:
Code OB: x
Code OB Desc: Unknown type in the lower layers(s)
Open Hole:
Cluster Kind:
Date Completed: 22-May-2002 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932862503
Layer: 2
Color: 2
General Color: GREY
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 46.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932862502
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933226412
Layer: 1
Plug From: 1
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962809579
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11073824
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264966
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930264967
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	992809579
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	4
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	934017948
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	6.0
Water Found Depth UOM:	ft

Site:
con 2 ON

Database:
WWIS

Well ID:	2809506	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:		***Date Received:***	12/14/2001
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	
Water Type:		***Contractor:***	1660
Casing Material:		***Form Version:***	1
Audit No:	234056	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	DS S
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10518560	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	_	***East83:***	
Code OB Desc:	No formation data	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	21-Sep-2001 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Method of Construction & Well Use

Method Construction ID: 962809506
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11067130
Casing No: 1
Comment:
Alt Name:

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-Sep 30, 2021

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 2019

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: May 31, 2021

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-Sep 30, 2021

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Aug 2021

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-Jul 2021

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 - Sep 30, 2021

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: May 31, 2021

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- Sep 30, 2021

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- Sep 30, 2021

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- Sep 30, 2021

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-Jun 30, 2021

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, 2020

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: May 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-Aug 2021

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: May 31, 2021

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-Aug 31, 2021

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 2019

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: May 31, 2021

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-Dec 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, 2019

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-Jun 30, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: 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-Feb 28, 2021

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-Jan 2021

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-Sep 30, 2021

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- Sep 30, 2021

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: May 31, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Sep 30, 2021

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2019

Record of Site Condition: Provincial RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Sep 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-Sep 30, 2021

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-Sep 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, 2018

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: May 31, 2021

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- Sep 30, 2021

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, 2021

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

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. 21-455-100	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 LOT 20 CON 2 NDS TRAFALGAR, PART 1 20R9368 LYING W OF PART 1, PE200 EXCEPT PART 4 20R13713 & PARTS 1, 2 HR1104980 AND PART 1 20R20812, Town of Oakville, Ontario

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

Dorham Holdings Inc., 1989

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.

fahmida.anwar@dsconsultants.ca

From: Public Information Services <publicinformationservices@tssa.org>
Sent: December 16, 2021 10:33 AM
To: Fahmida Anwar
Subject: RE: TSSA Request - Neyagawa and Burnhamthorpe Rd, Oakville, ON

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

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

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

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

Kind regards,

Sherees

Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Fahmida Anwar <fahmida.anwar@dsconsultants.ca>
Sent: December 15, 2021 5:29 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: TSSA Request - Neyagawa and Burnhamthorpe Rd, Oakville, ON

Good Morning,

Hope you are well.

Could you please perform a tank search on the following addresses?

Street Name	Street Number
Burnhamthorpe Road West	501, 528, 1036
Fourth Line	3489, 3487, 3485, 3483, 3479, 3473, 3469

Thank you

Kind regards,

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

fahmida.anwar@dsconsultants.ca

From: Public Information Services <publicinformationservices@tssa.org>
Sent: January 5, 2022 1:05 PM
To: Fahmida Anwar
Subject: RE: TSSA Request - 2142 Dorham Site, Oakville, ON

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

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

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

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

Kind regards,

Sherees

Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Fahmida Anwar <fahmida.anwar@dsconsultants.ca>
Sent: January 5, 2022 10:41 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: TSSA Request - 2142 Dorham Site, Oakville, ON

Good Morning,

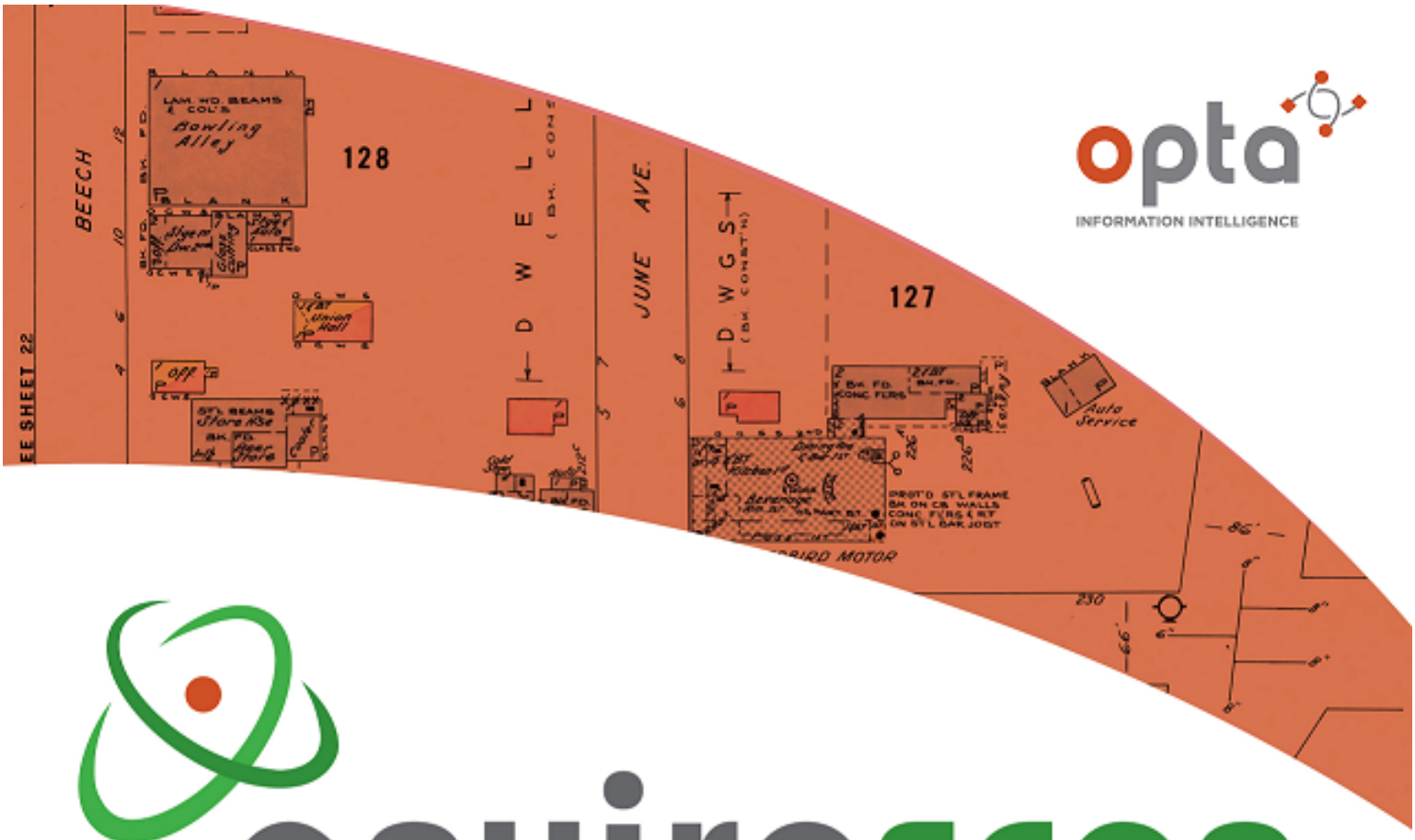
Hope you are well.

Could you please perform a tank search on the following addresses?

Street Name	Street Number
Fourth Line	3467, 3465, 3463, 4022, 4060, 4092, 4116, 4119, 3453, 345

Thank you.
Kind regards,
--

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



opta
INFORMATION INTELLIGENCE

enviroscan

An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:

Sunita

Site Address:

2142 Dorham Site Oakville Ont

Project No:

21120800687

Opta Order ID:

101295

Requested by:

Eleanor Goolab
ERIS

Date Completed:

12/15/2021 6:28:44 AM

Project Name: 2142 Dorham Site Neyagawa Blvd and Burnhamthorpe Rd

Project #: 21120800687

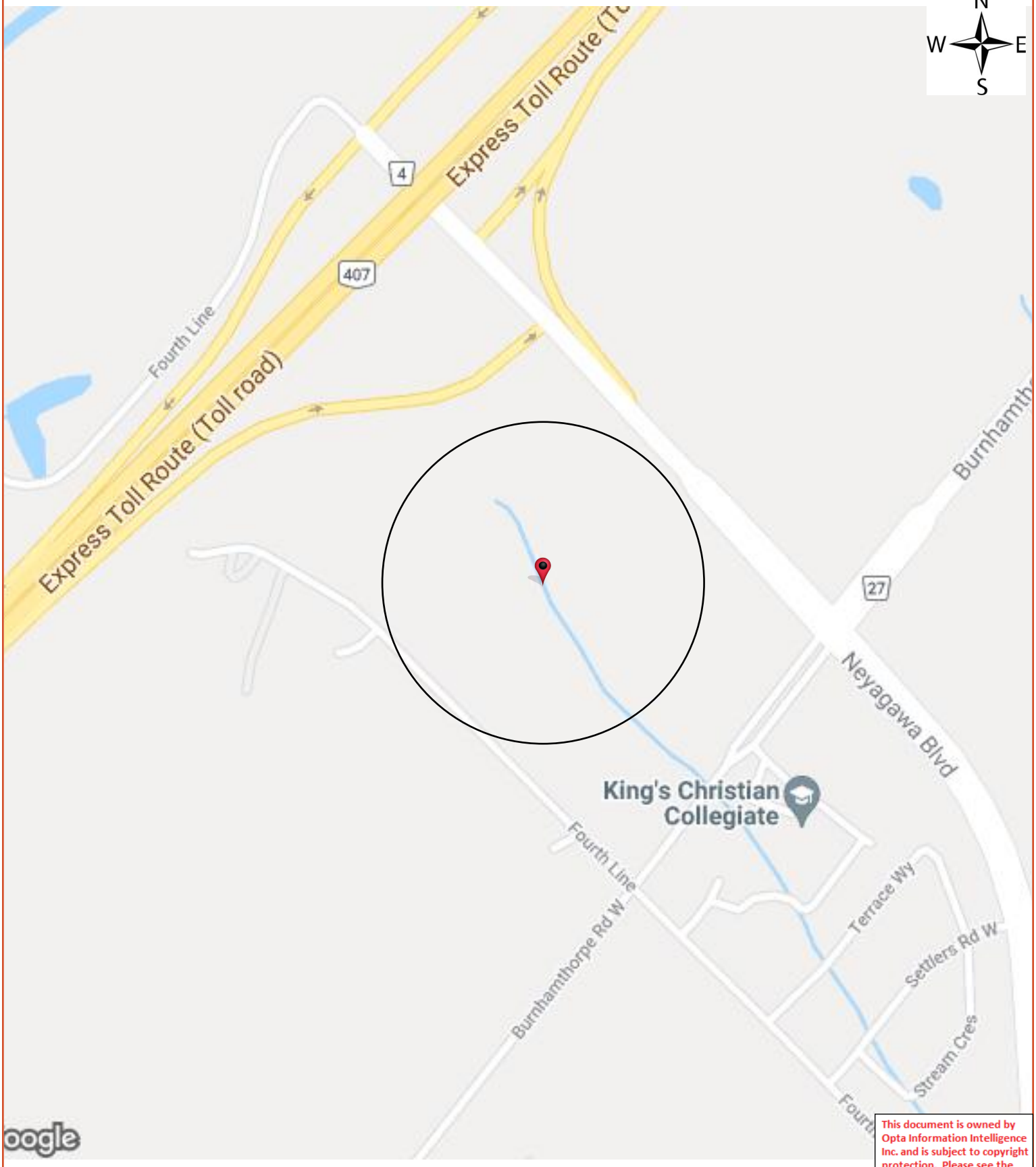
P.O. #: 21455100

ENVIROSCAN Report

Search Area: 2142 Dorham Site Oakville Ont

Requested by:
Eleanor Goolab
Date Completed: 12/15/2021 06:28:44

enviroscan
OPTA INFORMATION INTELLIGENCE



Opta Historical Environmental Services Enviroscan™ Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

Project Name: 2142 Dorham Site Neyagawa Blvd and Burnhamthorpe Rd
Project #: 21120800687
P.O. #: 21455100

ENVIROSCAN Report

No Records Found

Requested by:
Eleanor Goolab
Date Completed: 12/15/2021 06:28:44

OPTA INFORMATION INTELLIGENCE

No Records Found

Appendix C

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

HALTON REGION COUNTY ATLAS: 1880

Scale: NTS	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **2142 Dorham, Neyagawa Blvd & Burnhamthorpe Rd, Oakville, Ontario**	Prepared By: FA
Date: Feb-22		Reviewed By: KO
Project: 21-455-100	Prepared For: Argo Development Corporation	Drawing No. **D-1**

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

AERIAL PHOTOGRAPH: 1934

Scale: ~1:9500	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 2142 Dorham, Neyagawa Blvd & Burnhamthorpe Rd, Oakville, Ontario**	Prepared By: FA
Date: Feb-22		Reviewed By: KO
Project: 21-455-100	Prepared For: Argo Development Corporation	Drawing No. **D-2**

AERIAL PHOTOGRAPH: 1954

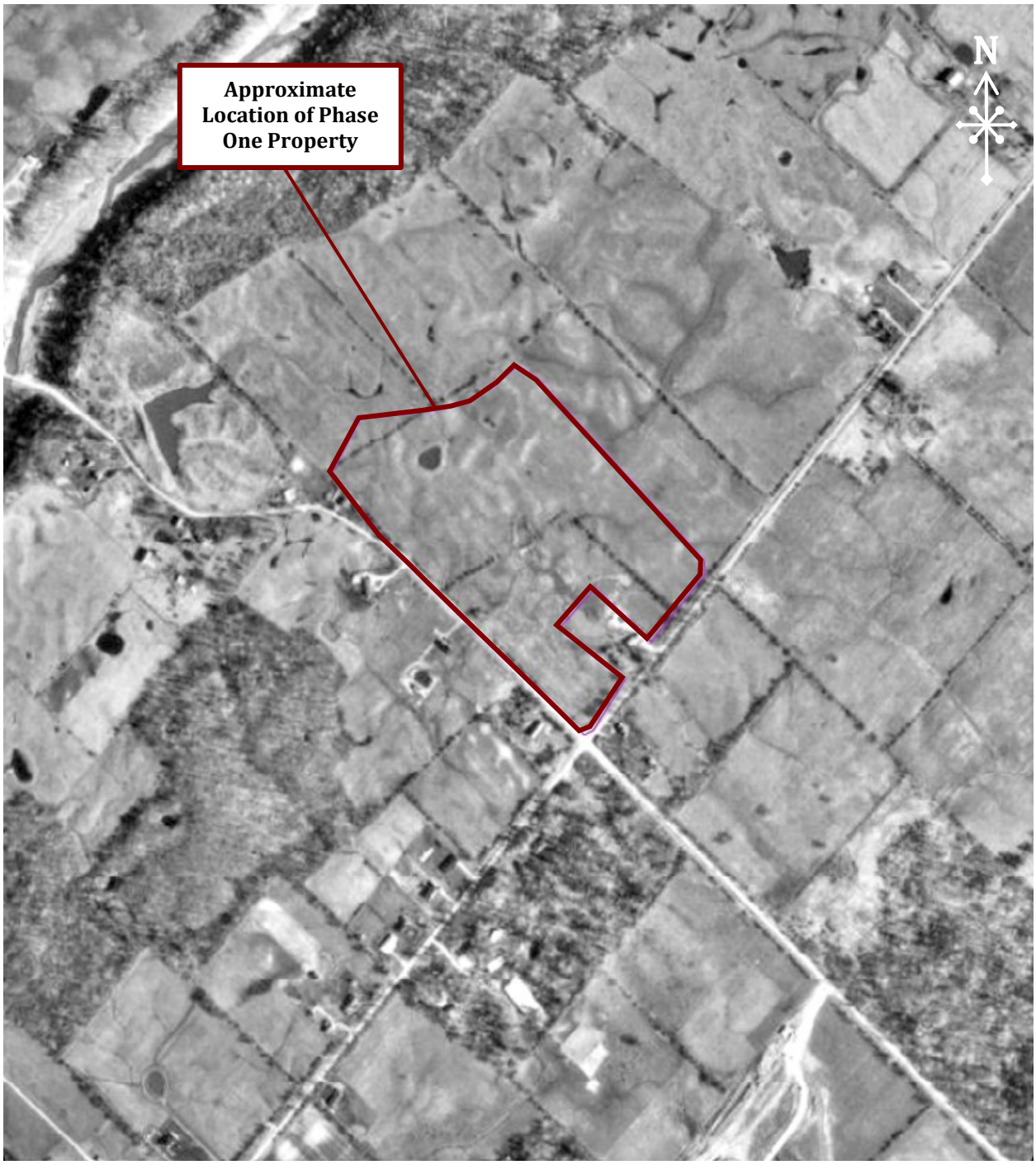
Scale: ~1:9500	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **2142 Dorham, Neyagawa Blvd & Burnhamthorpe Rd, Oakville, Ontario**	Prepared By: FA
Date: Feb-22		Reviewed By: KO
Project: 21-455-100	Prepared For: Argo Development Corporation	Drawing No. **D-3**

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

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

AERIAL PHOTOGRAPH: 1961

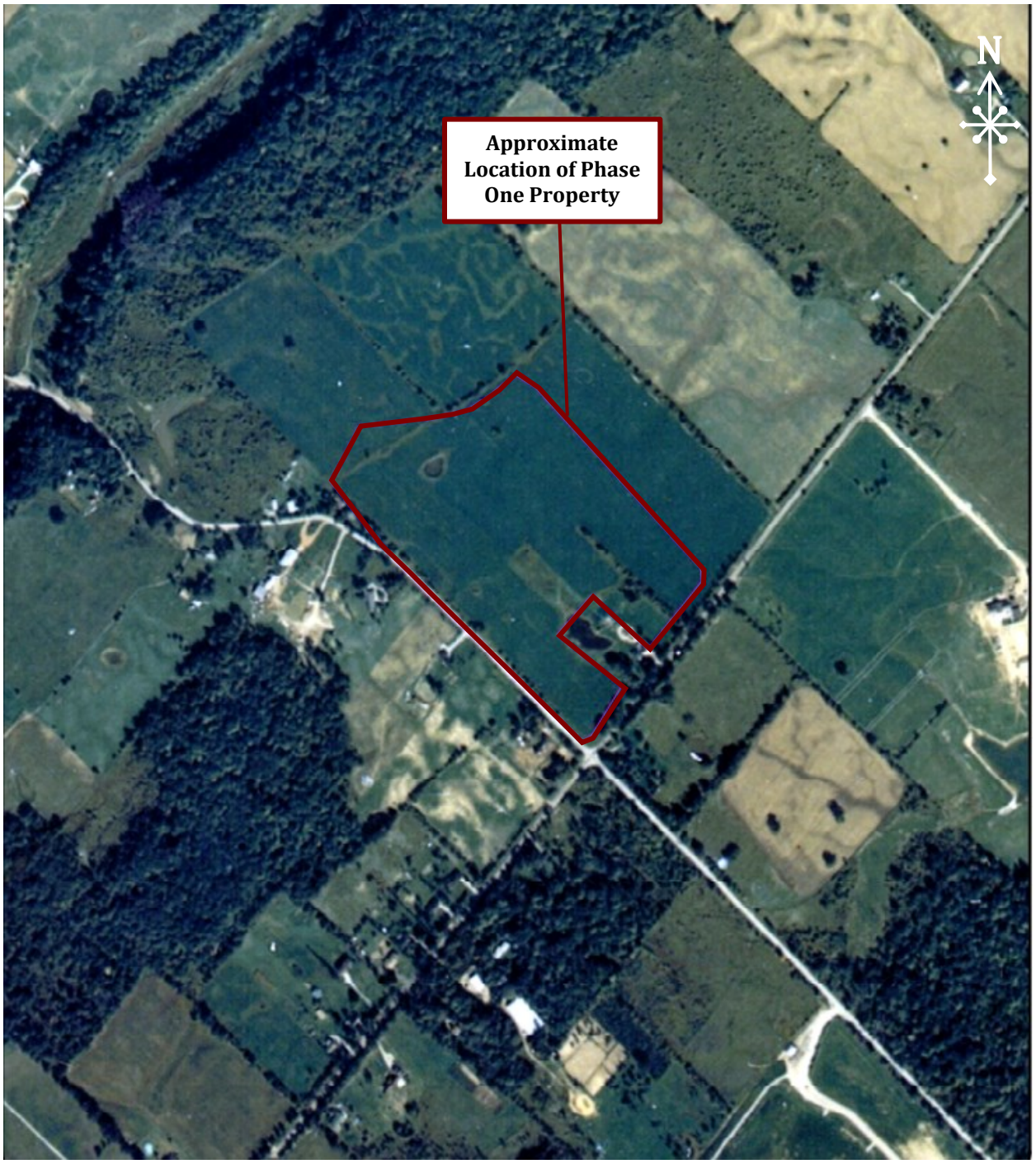
Scale: ~1:10000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **2142 Dorham, Neyagawa Blvd & Burnhamthorpe Rd, Oakville, Ontario**	Prepared By: FA
Date: Feb-22		Reviewed By: KO
Project: 21-455-100	Prepared For: Argo Development Corporation	Drawing No. **D-4**



AERIAL PHOTOGRAPH: 1974

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

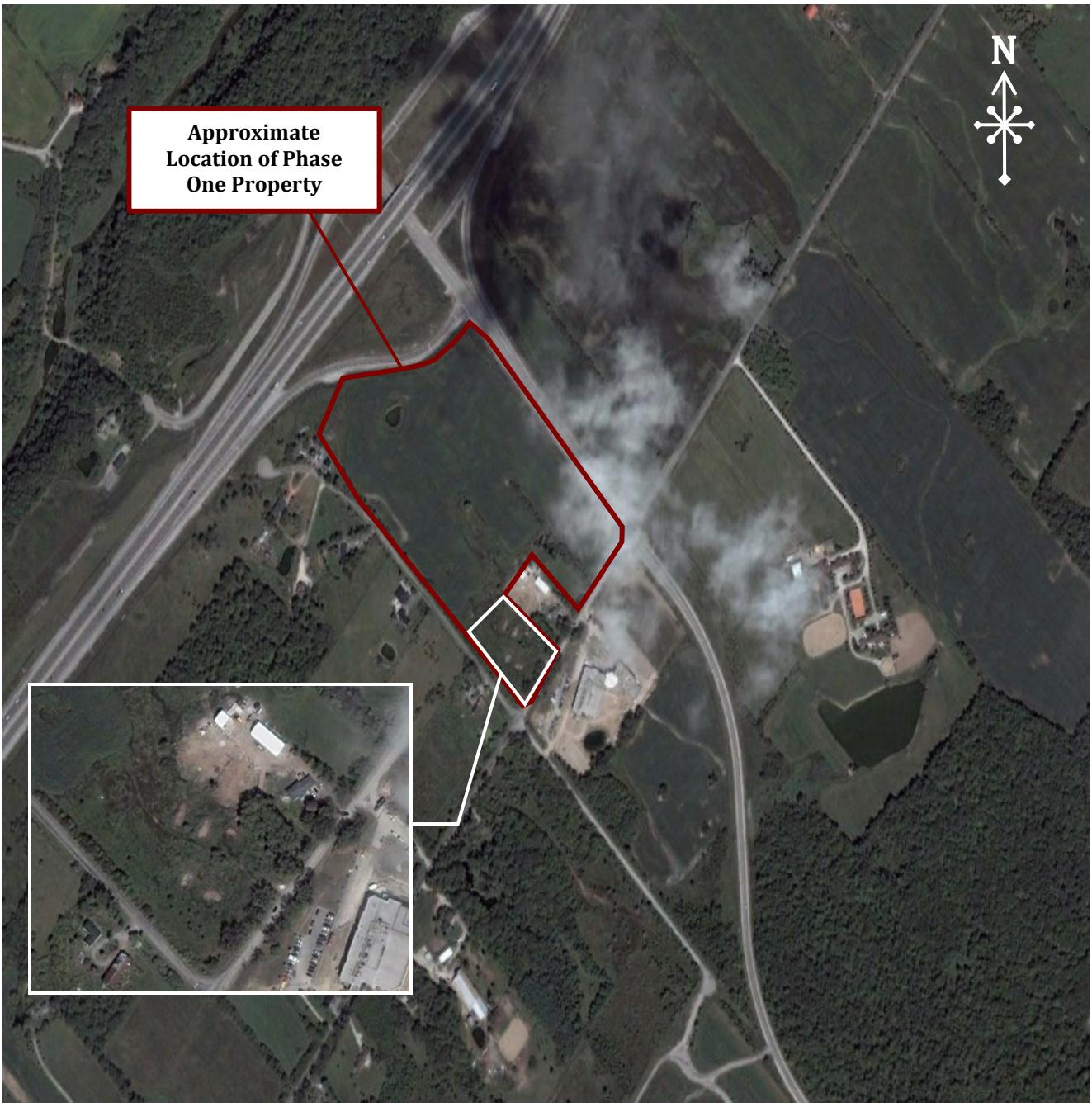
Scale: ~1:10500	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 2142 Dorham, Neyagawa Blvd & Burnhamthorpe Rd, Oakville, Ontario**	Prepared By: FA
Date: Feb-22		Reviewed By: KO
Project: 21-455-100	Prepared For: Argo Development Corporation	Drawing No. **D-5**



AERIAL PHOTOGRAPH: 1985

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

Scale: ~1:10000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 2142 Dorham, Neyagawa Blvd & Burnhamthorpe Rd, Oakville, Ontario**	Prepared By: FA
Date: Feb-22		Reviewed By: KO
Project: 21-455-100	Prepared For: Argo Development Corporation	Drawing No. **D-6**



© Google Earth

SATELLITE IMAGE: 2006

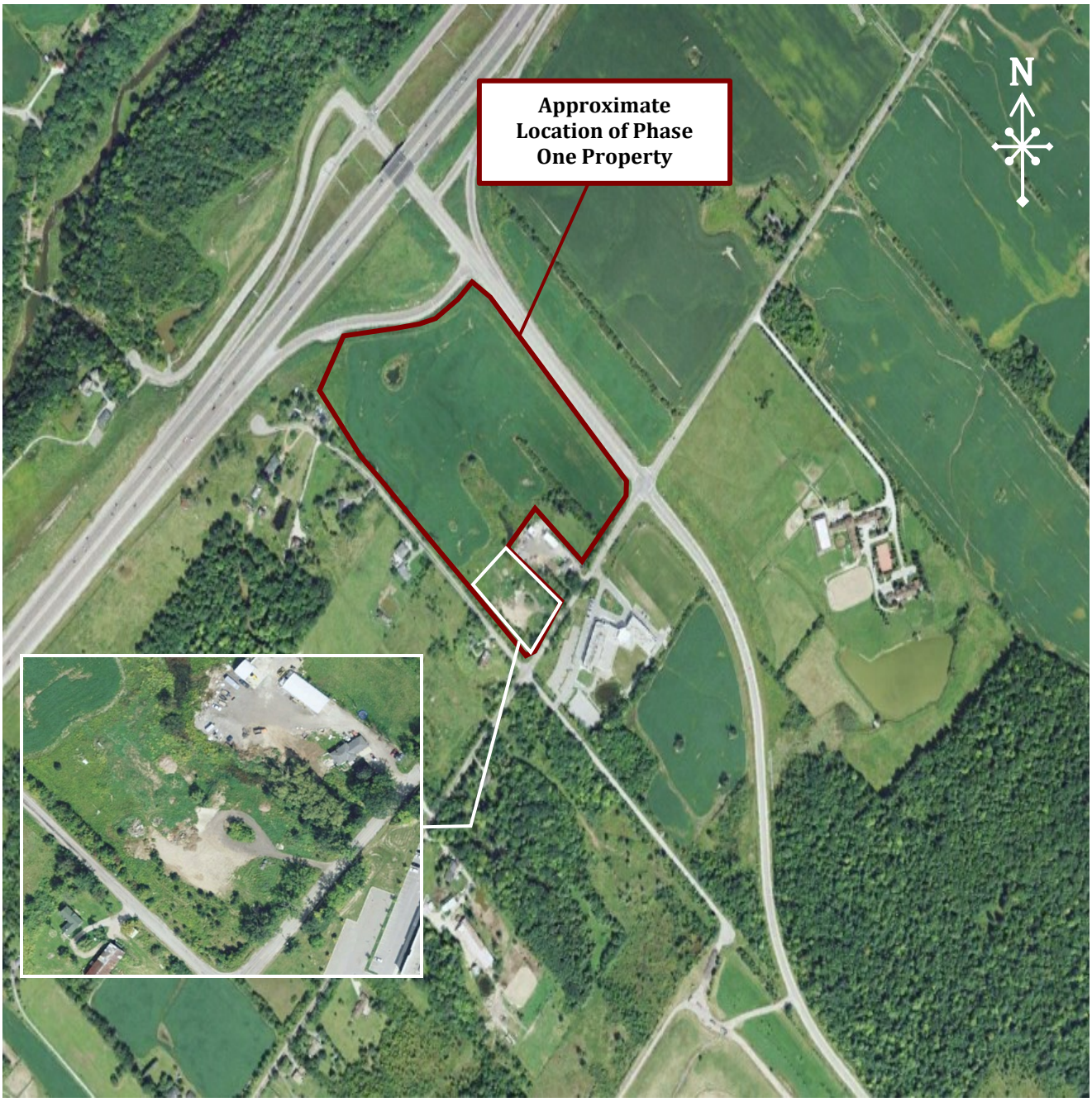
DS

6221 Highway 7

Vaughan, ON L4H 0K8

T: 905-264-9393 F: 905-264-2685

Scale: ~1:11400	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 2142 Dorham, Neyagawa Blvd & Burnhamthorpe Rd, Oakville, Ontario**	Prepared By: FA
Date: Feb-22		Reviewed By: KO
Project: 21-455-100	Prepared For: Argo Development Corporation	Drawing No. **D-7**



© Google Earth

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

SATELLITE IMAGE: 2009

Scale: ~1:11400	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**	Prepared By: FA
Date: Feb-22	**2142 Dorham, Neyagawa Blvd & Burnhamthorpe Rd, Oakville, Ontario**	Reviewed By: KO
Project: 21-455-100	Prepared For: Argo Development Corporation	Drawing No. **D-8**

© Google Earth

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

SATELLITE IMAGE: 2013

Scale: ~1:9000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **2142 Dorham, Neyagawa Blvd & Burnhamthorpe Rd, Oakville, Ontario**	Prepared By: FA
Date: Feb-22		Reviewed By: KO
Project: 21-455-100	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: 2015

Scale: ~1:11000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **2142 Dorham, Neyagawa Blvd & Burnhamthorpe Rd, Oakville, Ontario**	Prepared By: FA
Date: Feb-22		Reviewed By: KO
Project: 21-455-100	Prepared For: Argo Development Corporation	Drawing No. **D-10**

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

SATELLITE IMAGE: 2016

Scale: ~1:13000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **2142 Dorham, Neyagawa Blvd & Burnhamthorpe Rd, Oakville, Ontario**	Prepared By: FA
Date: Feb-22		Reviewed By: KO
Project: 21-455-100	Prepared For: Argo Development Corporation	Drawing No. **D-11**

© Google Earth

SATELLITE IMAGE: 2021

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

Scale: ~1:11400	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 2142 Dorham, Neyagawa Blvd & Burnhamthorpe Rd, Oakville, Ontario**	Prepared By: FA
Date: Feb-22		Reviewed By: KO
Project: 21-455-100	Prepared For: Argo Development Corporation	Drawing No. **D-12**

Appendix D

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

Picture 2: View of eastern portion of the Phase One Property, facing south.

Picture 3: View of the treed area in the central portion of the Phase One Property, facing west.

Picture 4: View of Hwy 407 ETR from the northern portion of the Phase One Property, facing north.

Picture 5: View of the trailers on the southwestern portion of the Phase One Property, facing west.

Picture 6: View of the landscaping equipment on the southwestern portion of the Phase One Property, facing north.

Picture 7: View of the western portion of the Phase One Property, facing north.

Picture 8: View of the residential dwelling on the west adjacent property, facing northwest.

Picture 9: View of the residential dwelling on the south adjacent property, facing north.

Picture 10: View of the 2 ASTs and Quonset building on the south adjacent property, facing north.

Picture 11: View of King's Christian Collegiate on the south adjacent property along Burnhamthorpe Road West, facing southeast.

Picture 12: View of the residential subdivision south of the Phase One Property, facing east.

Picture 13: View of the intersection of Neyagawa Boulevard and Burnhamthorpe Road West, facing southeast.

Picture 14: View of the east adjacent property, facing northeast.