PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

1280 Dundas Street West, Oakville, Ontario

Client

Delmanor West Oak Inc.
4800 Dufferin Street
Toronto, Ontario,
M2N 5R5

Project Number

BIGC-ENV-185F

Prepared By:

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Date Submitted

January 12, 2022

Executive Summary

B.I.G. Consulting Inc. (BIG) was retained by Delmanor West Oak Inc. (Client), to complete a Phase One Environmental Site Assessment (ESA) at the property located at 1280 Dundas Street West, Oakville, Ontario (Site), as shown on Figure 1. The objective of the investigation was to conduct the investigation in accordance with Ontario Regulation 153/04 (O.Reg.153/04), as amended.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with O.Reg.153/04 and in accordance with generally accepted professional practices.

The Site is located south of Fourth Line and east of Dundas Street West, in Oakville, Ontario, as shown on Figure 1. The Site measures approximately 36,500 m² in size and is currently vacant. A chain link fence is located along the western, eastern and northern Site boundaries. A pond is located at the northwest portion of the Site and ravine is located in the centre of the Site which are reportedly used for storm water drainage management. The Site is covered with grass and trees. The Site was reportedly used for agricultural land use until the late 1980s and a barn was located on the western portion of the Site until it burned down in 2016.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the Site. However, a detailed review of regulatory compliance issues was beyond the scope of our investigation. Based on the Phase One ESA findings, the following information is provided in support of the Qualified Person's conclusion:

APEC	Location of APEC on Phase One Property	PCA	Location of PCA (On-Site or Off-Site)	Contaminants of Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 1: Importation of fill material	Entire Site	#30 – Importation of Fill Material of Unknown Quality	On-Site	PAHs, metals and inorganics	Soil and Groundwater
APEC 2: Former usage of pesticides	Entire Site	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	Organochlorine Pesticides	Soil

1) *Area of Potential Environmental Concern (APEC) means the area on, in or under a Phase One Study Area where one or more contaminants are potentially present, as determined through the Phase One ESA, including through:*
    a) identification of post or current uses on, in or under the phase one property, and
    b) identification of potentially contaminating activities.
2) *Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One Study Area.*
3) *PAHs - polycyclic aromatic hydrocarbons, PHCs - petroleum hydrocarbons, BTEX - benzene, toluene, ethylbenzene, xylenes, VOCs - volatile organic compounds and SAR – sodium adsorption ratio*

Based on the findings and conclusions of this Phase One ESA, a Phase Two ESA is required to assess the soil and groundwater conditions at the Site.

This executive summary is a brief synopsis of the report and should not be read in lieu of reading the report in its entirety.

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Abbreviations and Acronyms

°C	degree Celsius
ANSI	Area of Natural and Scientific Interest
APEC	Area of Potential Environmental Concern
AST	Aboveground Storage Tank
BESR	Brownfields Environmental Site Registry
BIG	B.I.G. Consulting Inc.
BTEX	Benzene, Toluene, Ethylbenzene and Xylenes
CPU	Certificate of Property Use
EBR	Environmental Bill of Rights
EC	Electrical Conductivity
ECA	Environmental Compliance Approval
EPA	Environmental Protection Act
ERIS	Environmental Risk Information Services Ltd.
ESA	Environmental Site Assessment
EASR	Environmental Activity and Sector Registry
FIP	Fire Insurance Plan
FOI	Freedom of Information
ha	hectare(s)
L	litre(s)
m	metre(s)
m asl	metres above sea level
m bgs	metres below ground surface
MECP	Ministry of Environment, Conservation and Parks
PAH	Polycyclic Aromatic Hydrocarbon(s)
PCA	Potentially Contaminating Activity
PCB	Polychlorinated biphenyl
PHC	Petroleum Hydrocarbon(s)
PM	Particulate Matter
QPESA	Qualified Person for Environmental Site Assessment
RSC	Record of Site Condition
SAR	Sodium Adsorption Ratio
SCS	Site Condition Standard
SDS	Safety Data Sheet
TSSA	Technical Standards & Safety Authority
UST	Underground Storage Tank
VOC	Volatile Organic Compound(s)

1. Introduction

B.I.G. Consulting Inc. (BIG) was retained by Delmanor West Oak Inc. (Client), to complete a Phase One Environmental Site Assessment (ESA) at the property located at 1280 Dundas Street West, Oakville, Ontario (Site), as shown on Figure 1. The objective of the investigation was to conduct the investigation in accordance with Ontario Regulation 153/04 (O.Reg.153/04), as amended.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with O.Reg.153/04, as amended, and in accordance with generally accepted professional practices. Subject to this standard of care, BIG makes no express or implied warranties regarding its services and no third-party beneficiaries are intended.

1.1 Site Information

The Site is located south of Fourth Line and east of Dundas Street West, in Oakville, Ontario, as shown on Figure 1. The Site measures approximately 36,500 m² in size and is currently vacant. A chain link fence is located along the western, eastern and northern Site boundaries. A pond is located on the northwestern portion of the Site and ravine is located in the centre of the Site and it was reportedly used for storm water drainage management. The Site is covered with grass and trees. The Site was reportedly used for agricultural land use until late 1980s and a barn was located on the western portion of the Site until it burned down in 2016.

The Site is bound to the north by Fourth Line followed by Sixteen Mile Creek, to the east by Lions Valley Park and St. Volodymyr's Cemetery, to the south by an access roadway followed by St Volodymyr Cultural Centre and to the west by Fourth Line and Dundas Street West. A Site plan is shown in Figure 2.

The legal description of the Site as obtained from the chain of title is "Part Lot 23, Concession 1 Trafalgar south of Dundas Street, as in 49377, except Part 1 20R8277, Part 1 20R44983, Part 1 20R3072, Parts 1, 2 and 3 20R12531, Part 1 20R14896 and Part 6 20R16278, Oakville. Subject to Easement HR211652 over Part 35 20R15191". The Property Identification Number (PIN) is 24925-8461 (LT). The legal survey plan is included in Appendix B.

Table 1-1: Site Information

Site Details	
Municipal Addresses	1280 Dundas Street West, Oakville, Ontario
Current Owner	Delmanor West Oak Inc.
Owner Address	4800 Dufferin Street, Toronto, Ontario
Owner Contact Person	Mr. Michael Mestyan
Legal Description	Part Lot 23, Concession 1 Trafalgar south of Dundas Street, as in 49377, except Part 1 20R8277, Part 1 20R44983, Part 1 20R3072, Parts 1, 2 and 3 20R12531, Part 1 20R14896 and Part 6 20R16278, Oakville. Subject to Easement HR211652 over Part 35 20R15191
Property Identification Numbers (PINs)	24925-8461 (LT)
Property Size	36,500 m²
Approximate Universal Transverse Mercator (UTM) coordinates	Zone: 17 Easting: 601034.56 Northing: 4812310.38 (1m, NAD83, QGIS)

2. Scope of Investigation

The scope of work for the Phase One ESA consisted of the following activities:

a) Reviewing the historical occupancy of the Site through the use of available archived and relevant municipal and business directories, Fire Insurance Plans (FIPs), topographical maps, and aerial photographs;
b) Contacting municipal and provincial agencies to determine the existence of records of environmental regulatory non-compliance, if any, and reviewing such records where available;
c) Obtaining an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Site and surrounding properties within a 250 metres (m) radius of the Site;
d) Reviewing available geological maps, well records and utility maps for the vicinity of the Site;
e) Obtaining and reviewing a chain of title and assessment rolls for the Site;
f) Reviewing available reports previously completed at the Site;
g) Conducting interviews with designated Site representative(s) as a resource for current and historical Site information, as well as to provide BIG staff with unrestricted access to all areas of the Site and Site buildings as required by O.Reg.153/04, as amended;
h) Conducting a Site reconnaissance in order to identify any land use practices that may have impacted the environmental condition of the Site;
i) Conducting a reconnaissance of the surrounding properties from the Site and publicly accessible areas in order to identify any land use practices that may have impacted the environmental condition of the Site; and,
j) Preparing a report to document the findings.

The following sections summarize the information gathered by BIG during the Phase One ESA and identifies Potentially Contaminating Activities (PCAs) on the Site and in the Phase One Study Area, and Areas of Potential Environmental Concern (APECs) associated with the Site. APECs and PCAs are defined in O.Reg.153/04, as amended.

In completing the scope of work, BIG did not conduct any intrusive investigations, including sampling, analyses or monitoring.

BIG personnel who conducted assessment work for this project included Ms. Julia Romano, M.Env.Sc, G.I.T., Ms. Eileen Liu, M.Env.Sc, P.Geo and Mr. Darko Strajin, P.Eng. An outline of their qualifications is provided in Appendix C.

3. Records Review

3.1 General

3.1.1 Phase One Study Area Determination

The Site is located south of Fourth Line and east of Dundas Street West, in Oakville, Ontario. The Phase One Study Area consists of properties within a distance of 250 m from the Site boundaries. The Phase One Study Area is bound by:

a) Agricultural/other properties to the west;
b) Agricultural/Other properties to the east;
c) Residential properties to the south; and,
d) Agricultural/Other properties to the north.

The surrounding properties within the Phase One Study Area predominantly consist of agricultural/other land uses. All properties wholly or partly within 250 m from the Site boundaries as presented in Figure 2 were included in the Phase One Study Area.

3.1.2 First Developed Use Determination

Based on a review of historical aerial photographs, maps, and other records, the Site was developed for agricultural purpose in 1950s. A more detailed discussion of the Site history based on available documentation is provided in the following sections of the report.

3.1.3 Fire Insurance Plans

BIG contracted Opta Information Intelligence to perform a search for FIPs, Property Underwriters Reports and Property Underwriters Plans within the Phase One Study Area. Based on the search, FIPs dated 1964 from Opta covered the Site and the Phase One Study Area. The FIPs are included in Appendix H.

The following table summarizes the features of the Phase One Study Area as indicated on the reviewed FIP. Building details were limited on the FIPs as indicated below.

Direction	1964
South	a) The southwest adjacent property was occupied by St. Volodymyr Cultural Centre which was reportedly built in 1988 with a total area of 2,414.27 m^2.

Based on the information gathered from the review of the FIPs, no PCAs were identified.

3.2 Chain of Title

A chain of title was completed for the Site by Stewart Davey, an independent title searcher. The chronological Chain of Title provided to BIG is provided in Appendix D, summarized in Table II, and indicated the following entities associated with the ownership as part of the Site:

Year	Name of Owner
Prior to 1807	The Crown
1807 to 1809	Sarah Caufield
1809 to 1816	Sampson Howell (Sr.)
1816 to 1851	Sampson Howell (Jr.)
1851 to 1872	John Howell
1872 to 1882	Samuel Albert Bowman
1882	Samuel Oliver Bowman (Estate of Albert Bowman)

Year	Name of Owner
1882 to 1941	Samuel Oliver Bowman Charles James Bowman
1941 to 1949	Robert K. Slater and his wife
1949 to 1954	James Armstrong and his wife
1954 to 1956	Theodore Hemeniuk The Trustees for the Eastern Epinchy of Ukrainian Greek Orthodox Church of Canada
1956 to current	St. Volodymyr Cathedral of Toronto

3.3 Environmental Reports

The following documents were made available to BIG, reviewed and used as a source of background information during the preparation of this report:

a) BIG (2018) Phase I Environmental Site Assessment, 1280 Dundas Street West, Oakville, Ontario. B.I.G. Consulting Inc. June 13, 2018.
b) BIG (2019) Phase II Environmental Site Assessment, 1260 - 1280 Dundas Street West, Oakville, Ontario. B.I.G. Consulting Inc. December 3, 2019.
c) BIG (2021) Geotechnical Investigation, 1260 & 1280 Dundas Street West, Oakville, ON. B.I.G. Consulting Inc. November 26, 2021.
d) BIG (2021) Supplemental Hydrogeological Investigation, 1260 & 1280 Dundas Street West, Oakville, Ontario. B.I.G. Consulting Inc. November 26, 2021.

BIG (2018) Phase I Environmental Site Assessment	
Objective	Identify former and existing potential environmental concerns at the Site.
Potential Environmental Concerns Identified	• Presence of fill material with unknown quality on the Site • Usage of pesticides across entire Site.

BIG (2019) Phase II Environmental Site Assessment	
Objective	Investigate soil and groundwater quality at the Site.
Program	• Advancement of eleven (11) boreholes (BH101 to BH111) up to a maximum depth of approximately 6.7 m below ground surface (bgs). • Installation of four (4) monitoring wells (MW101, MW102, MW103 and MW106). • Soil samples submitted for the analysis of PAHs, metals, pesticides and herbicides. • Groundwater samples submitted for the analysis of PAHs and metals.
Site Condition Standards	MECP (2011) Table 2 Full depth SCS for industrial/commercial/community land use with potable groundwater and medium/fine textured soil.
Soil	• The stratigraphy consists of topsoil and fill followed by clayey silt to silty clay (glacial) till underlain by shale bedrock. • Bedrock was encountered at a depth of approximately 1.5 to 6.1 m bgs.
Groundwater	• Depth = 0.18 m bgs to 4.20 m bgs (December 2, 2019) • Groundwater flow is interpreted toward northeast.
Soil Conditions	• All soil samples submitted for PAHs, metals, pesticides and herbicides were detected below applicable SCS.
Groundwater Conditions	• All groundwater samples submitted for PAHs and metals analysis were detected below applicable SCS.

BIG (2021) Geotechnical Investigation	
Objective	Establish local geological settings at the Site.
Program	• Advancement of nine (9) boreholes (BH201 to BH209) up to a maximum depth of approximately 20.3 m bgs. • Installation of nine (9) monitoring wells (MW201 to MW209).
Soil	• The stratigraphy at the Site comprised of topsoil underlain by fill, overlying native clayey silt to silty clay till. • Bedrock was encountered at a depth of 1.5 to 7.7 m bgs.

BIG (2021) Supplemental Hydrogeological Investigation	
Objective	Establish local hydrogeological settings at the Site.
Program	• Advancement of nine (9) boreholes (BH201 to BH209) up to a maximum depth of approximately 20.3 m bgs. • Installation of nine (9) monitoring wells (MW201 to MW209). • Conduct single well response test at select monitoring wells.
Soil	• The stratigraphy at the Site comprised of topsoil underlain by fill, overlying native clayey silt to silty clay till. • Bedrock was encountered at a depth of 1.5 tp 7.7 m bgs.
Groundwater	• Water level ranges from 1.46 to 6.51 m bgs (September 30, 2021). • Groundwater flow is interpreted towards east direction. • Hydraulic conductivity ranges from 4.27 x 10^{-5} to 5.18 x 10^{-10} m/s.

3.4 Environmental Source Information

3.4.1 Federal and Provincial Database Search

A search of provincial, federal and private environmental databases for records pertaining to the Site and properties within the Phase One Study Area was conducted by ERIS. BIG has confirmed neither the completeness nor the accuracy of the records that were provided. A copy of the ERIS report is provided in Appendix E. A summary of the significant findings is provided below.

3.4.1.1 Waste Disposal Sites

The ERIS search included the following waste disposal sites databases:

a) Anderson's Waste Disposal Sites (1860s to present)
b) Waste Disposal Sites – MOE CA Inventory (October 2011 to September 2011)
c) Waste Disposal Sites MOE 1991 Historical Approval Inventory (Up to October 1990)

No records were identified for the Site or the properties within the Phase One Study Area.

3.4.1.2 Boreholes (1875 to July 2018)

No Boreholes were identified at the Site and fifteen (15) borehole records were identified for the properties within the Phase One Study Area which were advanced for geotechnical or geological investigations between 1957 and 1958 to a maximum depth of 15.2 m bgs. The general stratigraphy of the vicinity of the Site consists of silty clay and shale bedrock.

3.4.1.3 Certificates of Approval (1985 to October 2011)

The Site was not identified in this database. The following records were identified for the properties within the Phase One Study Area: .

a) The property located at 1303 Dundas Street West, approximately 95 m west, occupied by Whiteoaks Communication Group Limited, had a certificate for approval of air in 2005. Based on the description of the approval, no PCAs were identified.

3.4.1.4 Ontario Regulation 347 Waste Generator Summary (1986 to August 2021)

The Site was identified in this database. The waste generators identified for the Site and properties within the Phase One Study Area are summarized below:

a) The Site was occupied by The Regional Municipality of Halton Health Department, was listed as a waste generator of pathological wastes and pharmaceuticals in 2021. As the Site has disposal protocol, no PCAs were identified.

3.4.1.5 Dry Cleaning Facilities (January 2004 to December 2019)

No records were identified for the Site or for the properties within the Phase One Study Area.

3.4.1.6 National Pollutant Release Inventory (1993 to May 2017)

No records were identified for the Site or within the Phase One Study Area.

3.4.1.7 Fuel Oil Spills and Leaks (Up to May 2021) and TSSA Historic Incidents (2006 to June 2009)

No records were identified for the Site or within the Phase One Study Area.

3.4.1.8 National PCB Inventory (1988 to 2008) and Inventory of PCB Storage Sites (1987 to October 2004; 2012 to December 2013)

No records were identified for the Site or within he Phase One Study Area.

3.4.1.9 Pesticide Register (October 2011 to September 2021)

No records were identified for the Site or for the properties within the Phase One Study Area.

3.4.1.10 Pipeline Incidents (Up to May 2021)

No records were identified for the Site or for the properties within the Phase One Study Area

3.4.1.11 Fuel Storage Tanks

The ERIS search included a search of the following fuel storage tank databases.

a) Fuel Storage Tank (Up to May 2021)
b) Delisted Fuel Tanks (Up to May 2021)
c) Historic Fuel Storage Tank (Pre January 2010)
d) List of Expired Fuel Safety Facilities (Up to May 2020)
e) Private and Retail Fuel Storage Tanks (1989 to 1996)
f) Retail Fuel Storage Tanks (1999 to September 2021)
g) Commercial Fuel Oil Tanks (Up to May 2021)
h) TSSA Variances for Abandonment of Underground Storage Tanks (Up to May 2021)
i) Anderson's Storage Tanks (1915 to 1953)

No records were identified for the Site or for the properties within the Phase One Study Area.

3.4.1.12 Ontario Spills (1988 to September 2020)

The Site was not identified in this database. The following spills were identified for the property within the Phase One Study Area:

a) A spill of approximately 100 L of diesel fuel to the pavement and storm sewer from a truck on Dundas Street near Fourth Line in 1998, approximately 75 m southwest of the Site was identified. The intersection also had a spill of approximately 500 L of diesel fuel in 2016. The property is associated with PCA "Other" – Diesel Spill or Leakage.

3.4.1.13 Scott's Manufacturing Directory (1992 to March 2011)

No records were identified for the Site or the properties within the Phase One Study Area

3.4.1.14 Water Well Information System (Up to April 2021)

Two (2) water well records were identified for the Site. One (1) well record was for the installation of a water supply well installed in 1969, and the other was to abandon another water supply well in 1988. The wells were installed to a maximum depth of 24.1 m below ground surface (bgs). Based on the well records, the soil stratigraphy of the Site consisted of topsoil and clay underlain by shale and the groundwater was found at approximately 4.88 to 18.3 m bgs. Eight (8) records were identified for properties within the Phase One Study Area which were installed between 1970 and 2016 for water supply, monitoring and test hole purposes. The wells were installed to a maximum depth of 32 m bgs. Based on the well records, the general soil stratigraphy in the vicinity of the Site consisted of topsoil and clay underlain by silt, clay and shale.

3.4.2 Municipal City Directories

A search of Oakville City Directories was completed by LGI Copy Service Canada in order to identify the occupancy history of the Site and properties within the Phase One Study Area for potential environmental concerns. Based on the review of the available directories dated 1958, 1971, 1981, 1989 and 2000, summarized in Appendix D, the following significant findings were identified:

a) The Site first appeared in 1989 and listed as single tenant residential in 1989. No PCAs were identified.
b) The property located at 1280 Dundas Street West, southwest adjacent, was listed as Ukrainian Orthodox Centre in 1989, St. Volodymyr Cultural Centre and St. Volodymyr Ukrainian Cemetery in 2000. No PCAs were identified.

The remaining properties within the Phase One Study Area did not appear to be associated with any PCAs as per Table 2, Schedule D of O.Reg.153/04, as amended.

3.4.3 Ontario Ministry of Environment, Conservation and Parks Records

3.4.3.1 Ministry of the Environment, Conservation and Parks (MECP)

The Ministry of Environment, Conservation and Parks (MECP) was contacted through the Freedom of Information and Protection of Privacy Act (FOI) for copies of any records they had pertaining to the Site on December 16, 2021.

A written response from some of the regulatory agencies such as the MECP typically requires several weeks to months. A written response from the MECP is pending at the time of this Phase One ESA. The request is included in Appendix G.

3.4.3.2 MECP Databases

The ERIS report summarized in the Federal and Provincial Database Search section of the report included a summary of MECP databases. The databases include the following: MECP Environmental Bill of Rights (EBR), Environmental Activity and Sector Registry (ESAR), Environmental Compliance Approval (ECA), MECP Brownfields Environmental Site Registry (BESR), MECP Hazardous Waste Information Network (HWIN) and MECP Waste Disposal Sites:

No records were identified for the Site or within the Phase One Study Area.

3.4.4 Technical Standards and Safety Authority

A request was made to the TSSA by email on December 7, 2021 for information regarding fuel storage at the Site and the adjacent properties. A copy of the TSSA request is provided in Appendix G.

An email response from TSSA dated December 7, 2021 was received and is included in Appendix G. Based on the search results, no records were found for the Site or adjacent properties. No PCAs were identified.

3.5 Physical Setting Sources

3.5.1 Aerial Photographs

Aerial photographs dated 1934, 1965 and 1985 were obtained from LGI Copy Services Canada in order to review the development and land use history of the Site and the Phase One Study Area. An aerial photograph dated 1995 was obtained from Town of Oakville and aerial photographs dated 2005 and 2016 were obtained from Google Earth. BIG noted that at the time of this Phase One ESA, the 1934 aerial photograph was the earliest available photograph for the Site and Phase One Study Area. The aerial photographs were collected at available intervals to best capture the changes of the Site and based on availability from the archives.

The development and land use history of the Site and adjacent properties as depicted on the reviewed aerial photography is summarized in Table 3-1. Copies of the aerial photographs are included in Appendix H.

Table 3-1: Aerial Photograph Observations

Aerial Photograph Year	Observations
1934	a) The Site appears to have been farmland with an orchard on the northern portion of the property, a barn is located on the western portion and a farmhouse is located on the northern portion of the Site. b) Dundas Street West and Fourth Line appear to have been constructed. c) Sixteen Mile Creek is located approximately 80 m north. d) The properties within the Phase I Study Area appear to have been undeveloped.
1965	a) A storage trailer is located on the northeastern portion of the Site.
1985	a) No major changes to the Site or Phase I Study Area were observed from the 1965 aerial photograph.
1995	a) A playground at southeastern portion of the Site appears to be developed. b) The southwest adjacent property, St. Volodymyr Cultural Centre appears to have been constructed.
2005	a) The farmhouse located on the northern portion of the Site appears to have been demolished.
2016	a) The playground at southeastern portion and the barn located on the western portion of the Site appear to have been demolished.

Based on the review of the aerial photographs, the following PCAs were identified:

a) The former barn, farmhouse and playground at the Site appear to have been demolished and fill material may have been used to re-grade the Site and backfill excavations. The Site is associated with PCA#30 – Importation of Fill Material of Unknown Quality.
b) The northern portion of the Site may have been previously used as an orchard and pesticides may have been used. The Site is associated with PCA#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications.

3.5.2 Topography, Hydrology and Geology

The following physiographic, geological and soil maps were reviewed on December 6, 2021:

a) Atlas of Canada – Toporama Topographic Map (Toporama);
b) Ontario Base Map (OBM);
c) Ontario Ministry of Energy, Northern Development and Mines (MENDM) website, Bedrock Geology of Ontario, 2011 – MRD 126; and Paleozoic Geology of Southern Ontario, 2007 – MRD 219 (KML format);
d) Ontario MENDM website, Surficial Geology of Southern Ontario, 2010. (KML format); and,
e) Ontario MENDM website, Physiography of Southern Ontario 2007.

Based on the review of the above maps, the following information was obtained:

a) The Site is at an elevation of approximately 151 m above sea level (asl), generally at the same elevation as properties to the south and west of the Site. The surrounding properties located to the east and north are generally at lower elevations than the Site. The Site consists of a downgradient slope towards the northeast.
b) No water bodies are located on Site. A pond and ravine for storm water drainage management purposes are located on the Site. Glenayr Creek is situated approximately 40 m southeast. Based on the Hydrogeological Investigation, the groundwater flow direction is inferred to be to the east.
c) The bedrock in the general area of the Site consists of shale, limestone, dolostone and siltstone and is part of Queenston Formation.
d) The surficial geology of the Site is comprised of clayey to silt-textured till (derived from glaciolacustrine deposits or shale).
e) The Site is characterized as till plains within the physiographic region of the South Slope.

3.5.3 Fill Material

Fill can be used to re-grade a property and to backfill excavations. Based on the review of historical information, fill materials may have been imported to the Site. The Site is associated with PCA#30 – Importation of Fill Material of Unknown Quality.

3.5.4 Water Bodies and Areas of Natural Significance

A pond and ravine for storm water drainage management purposes are located on the Site. The closest surface water is Glenayr Creek situated approximately 40 m southeast, and Lake Ontario is situated approximately 6 km southeast.

Based on the review of available resources from the City of Toronto and the Ministry of Natural Resources and Forestry (MNRF) on December 6, 2021, no areas of natural significance were identified at the Site or within the Phase One Study Area.

3.5.5 Well Records

3.5.5.1 Water Wells

The MECP maintains a database (published from 1955 to present) of water wells drilled in Ontario in accordance with Ontario Regulation 903. The Ontario Well Record website was accessed on December 6, 2021 to identify if any wells exist on the Site or within the Phase One Study Area. Based on the search, a total of two (2) records were identified at the Site. The wells were installed between 1969 and 1987 for water supply purposes to a maximum depth of 24.1 m. Based on the well records, the general soil stratigraphy of the Site consisted of topsoil underlain by clay and shale. Eight (8) records were identified within the Phase One Study Area. The well was installed between 1970 and 2018 for water supply and monitoring purposes to a maximum depth of 42.7 m. Based on the well record, the general soil stratigraphy in the vicinity of the Site consisted of asphalt or topsoil underlain by clay and shale.

Based on the water well records it has been determined that five (5) water supply wells are currently or were formerly present at the Site and within the Phase One Study Area.

3.5.5.2 Well-Head Protection Areas

The MECP (2020) Source Protection Information Atlas was accessed on December 6, 2021. The search of the website indicated that the Site is not located within a well-head protection area by the municipality in its municipal plan for the protection of groundwater.

3.5.5.3 Oil, Gas, and Salt Well

A search of the Oil, Gas & Salt Resources Library (2014) website was completed to identify oil, gas and salt wells within the vicinity of the Site on December 6, 2021. The website indicated there were no oil, gas or salt wells located at the Site or within the Phase One Study Area.

3.5.6 Record of Site Condition (RSC)

An RSC summarizes the environmental conditions of a property as determined by a qualified person (QP) by conducting a Phase One ESA, and where necessary, a Phase Two ESA, confirmatory sampling and a risk assessment. Upon completion of the necessary environmental Site assessments, an RSC for an assessed property can be filed with the MECP and added to the BESR database. This online, publicly available database can be searched to identify what properties may have potential environmental concerns.

Based on the search of the MECP's BESR database completed by ERIS, no records were identified at the Site or for the properties within the Phase One Study Area.

3.6 Site Operating Records

In general, a request is usually made to the property representative for copies of any operating records pertaining to the environmental conditions at the Site. Records would include: regulatory permits; Safety Data Sheets (SDS) for all chemicals that were handled on-Site; underground utility drawings; inventories of chemicals, chemical usage, and chemical storage areas; inventory of aboveground storage tanks (ASTs) and USTs; environmental monitoring data; correspondence pertaining to an order or request by the MECP or TSSA; waste management records; process, production, and maintenance documents; records of spills and records of discharges of chemicals; emergency response and contingency plans, including spill prevention and contingency plans; environmental audit reports; and site plans of the facility showing areas of production and manufacturing.

No Site operating records were available to review.

4. Interviews

An interview was conducted by BIG staff with the individual identified to be the most knowledgeable about both the current and historical Site uses. The interview was conducted during the Site reconnaissance in order to obtain information to assist in identifying details of potentially contaminating activities, potential contaminant pathways in, on, or below the Site, and areas of potential environmental concern. Any information provided during the interviews is presented alongside information from the Site reconnaissance in Section 5.

During the completion of this Phase One ESA, the following individuals were interviewed:

a) Mr. Vince (Slavko) Adamec, Director of St. Volodymyr Cathedral has known about the Site for approximately 50 years.

Information obtained during the interview is provided below, in the relevant sections.

5. Site Reconnaissance

5.1 General Requirements

The Phase One ESA Site Reconnaissance was conducted on May 9, 2018, between 1 pm and 3:10 pm by Ms. Eileen Liu, M.Env.Sc., P.Geo. On the day of the Site reconnaissance, the weather was sunny (approximately 24°C).

The Site and the adjoining properties were observed from the Site and/or publicly accessible areas. Photographs documenting the Site visit are included in Appendix I.

5.2 Specific Observations at Phase One ESA Property

5.2.1 Site Description and Buildings

The Site is located south of Fourth Line and east of Dundas Street West, in Oakville, Ontario, as shown on Figure 1. The Site measures approximately 36,500 m² in size and is currently vacant. A chain link fence is located along the western, eastern and northern Site boundaries. A pond is located on the northwestern portion of the Site and ravine is located in the centre of the Site; it was reportedly used for storm water drainage management purposes. The Site is covered with grass and trees. The Site was reportedly used for agricultural land use until late 1980s and a barn was located on the western portion of the Site until it burned down in 2016.

5.2.2 Heating and Cooling Systems

No heating or cooling system was observed on the Site during the Site reconnaissance.

5.2.3 Site Utilities and Services

The Site is located within a community area of the Town of Oakville. Based on the Site representative, no utilities and services are located on Site. An overhead hydro line was observed along Dundas Street West, west of the Site.

5.2.4 Site Production and Manufacturing

The Site is currently vacant. No on-Site production or manufacturing processes were observed to be conducted at the Site during the Site reconnaissance.

5.2.5 Drains, Pits and Sumps

No other drains, pits or sumps on the Site were observed during the Site reconnaissance.

5.2.6 Storage Tanks

5.2.6.1 Underground Storage Tanks (UST)

The presence/absence and condition (if present) of USTs at the Site was assessed during the Site reconnaissance. BIG did not observe the presence of any active USTs (fill/vent pipes, access ports) at the time of the Site reconnaissance. The Site representative had no knowledge of any historical or current USTs at the Site.

5.2.6.2 Aboveground Storage Tanks (AST)

The presence/absence and condition (if present) of ASTs at the Site was assessed during the Site reconnaissance. BIG did not observe the presence of any active ASTs (fill/vent pipes, access ports) at the time of the Site reconnaissance. One (1) AST was observed on the northern portion of the Site, near the ravine and was reportedly used for storage of pesticides and the tank is currently empty. Based on the

Site representative, the Site had a propane tank located to the north of the Site and was reportedly used for defrosting. The Site is associated with PCA#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications.

5.2.7 Water Wells

No monitoring water or potable wells were observed at the Site or within the Phase One Study Area during the Site reconnaissance.

5.2.8 Site Housekeeping

The Site appeared to be well maintained. No significant amounts of debris, outdoor storage, or uncontrolled waste storage were noted during the Site reconnaissance.

5.2.9 Chemical Storage and Handling and Floor Condition

No chemicals were observed at the Site during the Site reconnaissance.

5.2.10 Areas of Stained Soil, Pavement or Stressed Vegetation

No staining on the pavement surfaces or soil, or stressed vegetation was observed at the Site at the time of the Site reconnaissance.

5.2.11 Fill and Debris

Fill can be used to re-grade a property and to backfill excavations. Fill piles were observed at the location of the former barn and farm house, located on the western and northern portions of the Site, and a small number of fill piles were observed to the southeast of the Site. These fill piles were reportedly imported from the cemetery located southeast adjacent. The fill material is associated with PCA#30 - Importation of Fill Material of Unknown Quality.

5.2.12 Air Emissions

Regulatory control of air emissions in Ontario is the responsibility of the MECP. No sources of active air emissions were noted at the Site or within the Phase One Study Area during the Site reconnaissance.

5.2.13 Polychlorinated Biphenyls (PCBs)

The manufacture of PCBs in North America was prohibited under the Toxic Substances Control Act (1977). Their use as a constituent of new products manufactured in or imported into Canada was prohibited by regulations in 1977 and 1980. As such, sites developed or significantly renovated after 1980 are unlikely to have PCB-containing equipment on the Site. Potential equipment, which could contain PCBs include fluorescent mercury and sodium vapour light ballasts, oil filled capacitors and transformers. Any electrical equipment containing PCBs must be disposed in accordance with Ontario Regulation 362 when it is removed from service. Ongoing operation of equipment containing PCBs is permissible.

Based on the records review, no significant sources of PCBs were present at the Site.

5.3 Enhanced Investigation Property Observations

An Enhanced Investigation Property is "(i) a property used, or has ever been used, in whole or part, for an industrial purpose, or (ii) a commercial property used as a garage, a bulk liquid dispensing facility, including a gasoline outlet or for the operation of dry cleaning equipment" (O.Reg. 153/04).

Based on the records review, the Site is not classified as an Enhanced Investigation Property.

5.4 Adjacent and Surrounding Properties

A visual inspection of the adjacent properties and properties within the Phase One Study Area was conducted from publicly accessible areas to identify the occupants; and to document any PCAs that may be contributing to an APEC at the Site.

Location of Adjoining Properties	Property Use
North	Fourth Line and Sixteen Mile Creek
South	St. Volodymyr Ukrainian Cemetery, Glenayr Creek and residential
East	Lions Valley Park and Sixteen Mile Creek
West	St Volodymyr Cultural Centre

No PCAs were identified.

5.5 Written Description of Investigation

A reconnaissance of the Site was conducted by BIG to examine the exterior and interior of all on-Site buildings and structures, and to examine the exterior portions of the Site. Access was provided to the interiors of Site buildings, if any. Mechanical equipment (including heating and cooling systems) was documented and characterized, as was any evidence of USTs and ASTs. The exterior portions of the Site were examined for evidence of utilities and related infrastructure; water wells; Site drainage and related infrastructure; stained areas; stressed vegetation; and evidence of fill material.

The reconnaissance included an examination of all properties within the Phase One Study Area from public access ways to document and characterize PCAs, water bodies and areas of natural significance.

6. Review and Evaluation of Information

6.1 Current and Past Uses

Based on the reviewed records, the Site located was first developed for agricultural purposes in 1950s. A more detailed discussion of the Site history based on the available documentation is provided in the following sections of the report. The current and past ownership of the Site is summarized in Table II.

6.2 Potentially Contaminating Activities (PCAs)

A list of all the PCAs identified at the Site and within the Phase One Study Area is summarized below and included as Table III and on Figure 2. Based on the inferred groundwater flow direction to the east, the properties within the Phase One Study Area to the east of the Site are considered to be hydraulically downgradient of the Site; properties to the west are considered to be hydraulically upgradient of the Site; and the properties to the north and south of the Site were considered to be hydraulically trans-gradient to the Site. Any PCAs located downgradient or trans-gradient of the Site are not considered to be contributing to an APEC on Site.

Furthermore, any PCAs located significantly distant from the Site were considered to be too far to be contributing to an APEC on the Site.

Rationale outlining whether a PCA contributed to an APEC at the Site is summarized below and provided in Table III.

PCA Identifier	Address	PCA	PCA Location	Contributing to APEC at the Site?	Rationale
1.	1280 Dundas Street West	Importation of fill material (PCA#30 – Importation of Fill Material of Unknown Quality)	On-Site	Yes	On-Site
2.	1280 Dundas Street West	Former Usage of Pesticides (#40 – Pesticides (including Herbicides and Fungicides and Anti-Fouling Agents) Manufacturing, Bulk Storage and Large-Scale Applications)	On-Site	Yes	On-Site
3.	Dundas Street West and Fourth Line	Historical diesel spill (PCA"Other" – Diesel Spill or Leakage)	Off-Site (75 m southwest)	No	Inferred trans-gradient

No other PCAs that contribute to APECs were identified for the surrounding properties.

6.3 Areas of Potential Environmental Concern (APECs)

Based on the rationale provided in Table III, it is the opinion of the Qualified Person for Environmental Site Assessment (QP_{ESA}) that the following PCAs may have contributed to, or may be contributing to, APECs at the Site:

APEC	Location of APEC on Phase One Property	PCA	Location of PCA (On-Site or Off-Site)	Contaminants of Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 1: Importation of fill material	Entire Site	#30 – Importation of Fill Material of Unknown Quality	On-Site	PAHs, metals and inorganics	Soil and Groundwater
APEC 2: Former usage of pesticides	Entire Site	#40 – Pesticides (including Herbicides and Fungicides and Anti-Fouling Agents) Manufacturing, Bulk Storage and Large-Scale Applications	On-Site	Organochlorine Pesticides	Soil

6.4 Phase One ESA Conceptual Site Model

This section presents the Phase One Conceptual Site Model providing a narrative, graphical and tabulated description integrating information related to the Site geologic and hydrogeologic conditions, areas of potential environmental concern/potential contaminating activities, and the presence and distribution of potential contaminants of concern. These components are discussed in the following sections.

Surface Features

The Site is located south of Fourth Line and east of Dundas Street West, in Oakville, Ontario, as shown on Figure 1. The Site measures approximately 36,500 m² in size and is currently vacant. A chain link fence is located along the western, eastern and northern Site boundaries. A pond is located on the northwestern portion of the Site and ravine is located in the centre of the Site and it was reportedly used for storm water drainage management. The Site is covered with grass and trees. The Site was reportedly used for agricultural land use until late 1980s and a barn was located on the western portion of the Site until it burned down in 2016.

The legal description of the Site as obtained from the chain of title is “Part Lot 23, Concession 1 Trafalgar south of Dundas Street, as in 49377, except Part 1 20R8277, Part 1 20R44983, Part 1 20R3072, Parts 1, 2 and 3 20R12531, Part 1 20R14896 and Part 6 20R16278, Oakville. Subject to Easement HR211652 over Part 35 20R15191”. The property identification number (PIN) is 24925-8461 (LT). The legal survey plan is included in Appendix B.

Surrounding Land Use

The Site is bound to the north by Fourth Line followed by Sixteen Mile Creek, to the east by Lions Valley Park and St. Volodymyr’s Cemetery, to the south by an access roadway followed by St Volodymyr Cultural Centre and to the west by Fourth Line and Dundas Street West. A Site plan is shown in Figure 2.

Geological and Hydrogeological Conditions

The Site is at an elevation of approximately 151 metres above sea level (m asl), generally at the same elevation as properties to the south and west of the Site. The surrounding properties located to the east and north are generally at lower elevations than the Site. The Site consists of a downgradient slope towards the northeast.

The surficial geology of the Site is comprised of clayey to silt-textured till (derived from glaciolacustrine deposits or shale). The physiography of the Site is within South Slope and is characterized as till plains.

The bedrock in the general area consists of shale, limestone, dolostone and siltstone and is part of Queenston Formation.

No water bodies are located on Site. A pond and ravine for storm water drainage management purposes are located on the Site. Glenayr Creek is situated approximately 20 m southeast. Based on the Hydrogeological Investigation, the groundwater flow direction is inferred to be to the east.

Five (5) potable wells were observed at the Site and within the Phase One Study Area.

Based on the review of available resources from the Town of Oakville and the Ministry of Natural Resources and Forestry (MNRF) on December 6, 2021, no areas of natural significance were identified at the Site or within the Phase One Study Area.

Underground Utilities

The Site utilities and services were identified at the Site based on the relevant utility infrastructure observed during the Site reconnaissance and are summarized in the table below. It is noted that the precise underground location of the utilities cannot be determined without professional locate services.

Utility	Source	Location	Site Entry
Electricity	Oakville Hydro	West	Overhead hydro lines were observed along Dundas Street West.

Potentially Contaminating Activities and Areas of Potential Environmental Concern:

A total of two (2) PCAs were identified on Site and within the Phase One Study Area that may potentially contribute to APECs at the Site, as presented in the following table.

Table 6-1: Areas of Potential Environmental Concern

APEC	Location of APEC on Phase One Property	PCA	Location of PCA (On-Site or Off-Site)	Contaminants of Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 1: Importation of fill material	Entire Site	#30 – Importation of Fill Material of Unknown Quality	On-Site	PAHs, metals and inorganics	Soil and Groundwater
APEC 2: Former usage of pesticides	Entire Site	#40 – Pesticides (including Herbicides and Fungicides and Anti-Fouling Agents) Manufacturing, Bulk Storage and Large-Scale Applications	On-Site	Organochlorine Pesticides	Soil

7. Conclusions

Based on the findings and conclusions of the Phase One ESA, a Phase Two ESA is required to assess the soil and groundwater conditions at the Site prior to submitting an RSC.

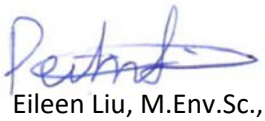
7.1 Closure

This Phase One ESA was conducted in accordance with O.Reg.153/04, as amended, and in accordance with generally accepted professional practices. Subject to this standard of care, BIG makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. Limitation of liability, scope of report and third-party reliance are outlined in Appendix A.

Yours truly,

B.I.G. Consulting Inc.

Julia Romano M.Env.Sc., GIT
Environmental Scientist



Eileen Liu, M.Env.Sc., P.Geo
Project Manager

8. References

1. Ecolog ERIS Ltd. (2021) Database Report—BIGC-ENV-185F, 1280 Dundas Street West, Oakville, ON L6M4H9. Ecolog ERIS Ltd, December 8, 2021.
2. Environmental Protection Act, Ontario Regulation 153/04, as amended, Records of Site Condition, January 1, 2014
3. Environmental Significant Area, City of Toronto. Accessed online at http://map.toronto.ca/maps/map.jsp?app=TorontoMaps_v2
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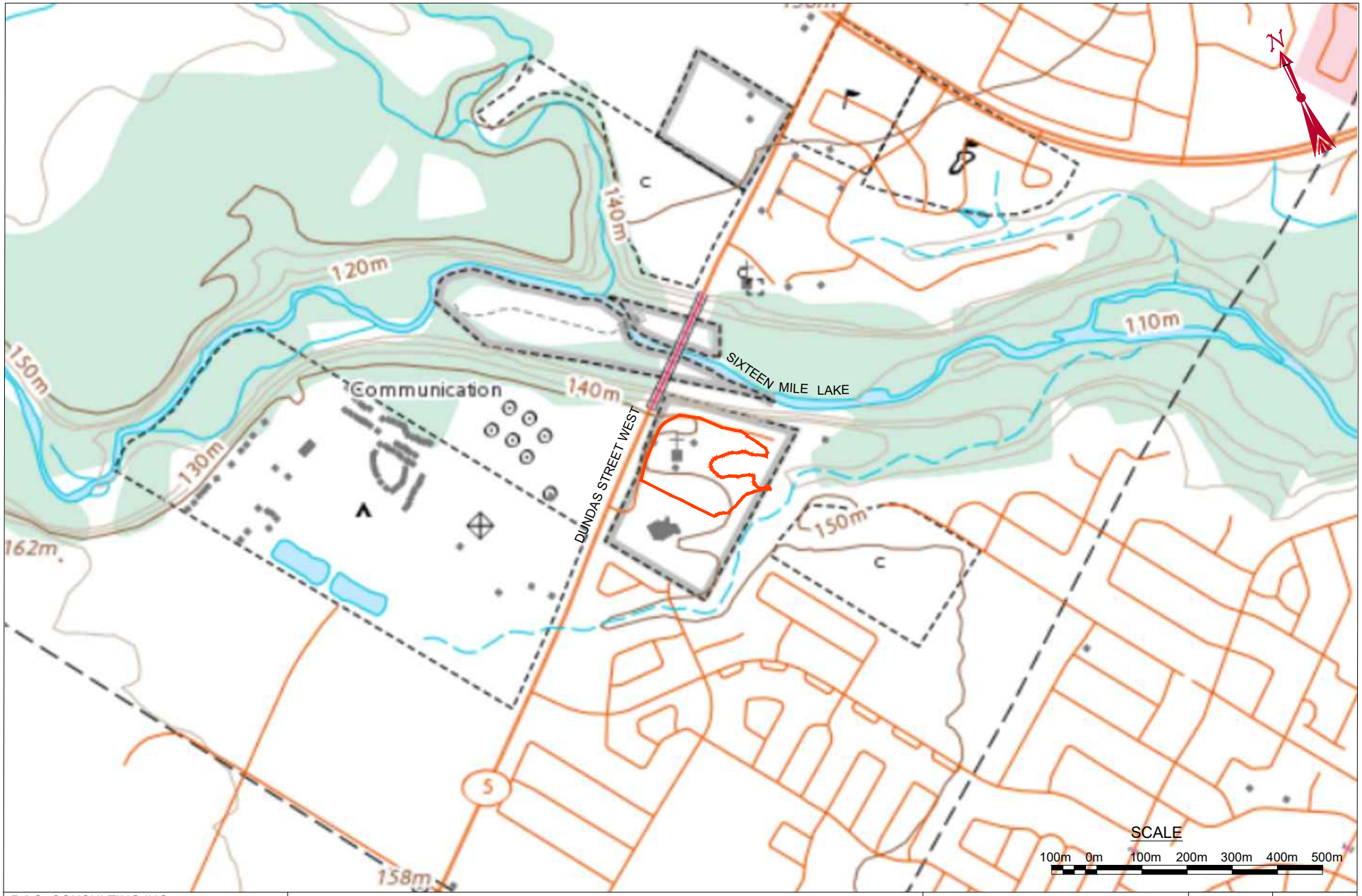
12. Ontario Ministry of the Environment (2011) Brownfields Environmental Site Registry. Accessed online at: https://www.lrcsde.lrc.gov.on.ca/besrWebPublic/generalSearch
13. Ontario Ministry of the Environment (2018) Records of Site Condition. Accessed online at: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/searchFiledRsc_search.
14. Topographic Map available at the Natural Resources Canada (NRC) website. Accessed online at http://atlas.gc.ca/toporama/en/

The following report was available for review:

a) BIG (2018) Phase I Environmental Site Assessment, 1280 Dundas Street West, Oakville, Ontario. B.I.G. Consulting Inc. June 13, 2018.
b) BIG (2019) Phase II Environmental Site Assessment, 1260 - 1280 Dundas Street West, Oakville, Ontario. B.I.G. Consulting Inc. December 3, 2019.
c) BIG (2021) Geotechnical Investigation, 1260 & 1280 Dundas Street West, Oakville, ON. B.I.G. Consulting Inc. November 26, 2021.
d) BIG (2021) Supplemental Hydrogeological Investigation, 1260 & 1280 Dundas Street West, Oakville, Ontario. B.I.G. Consulting Inc. November 26, 2021.

FIGURES



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LEGEND

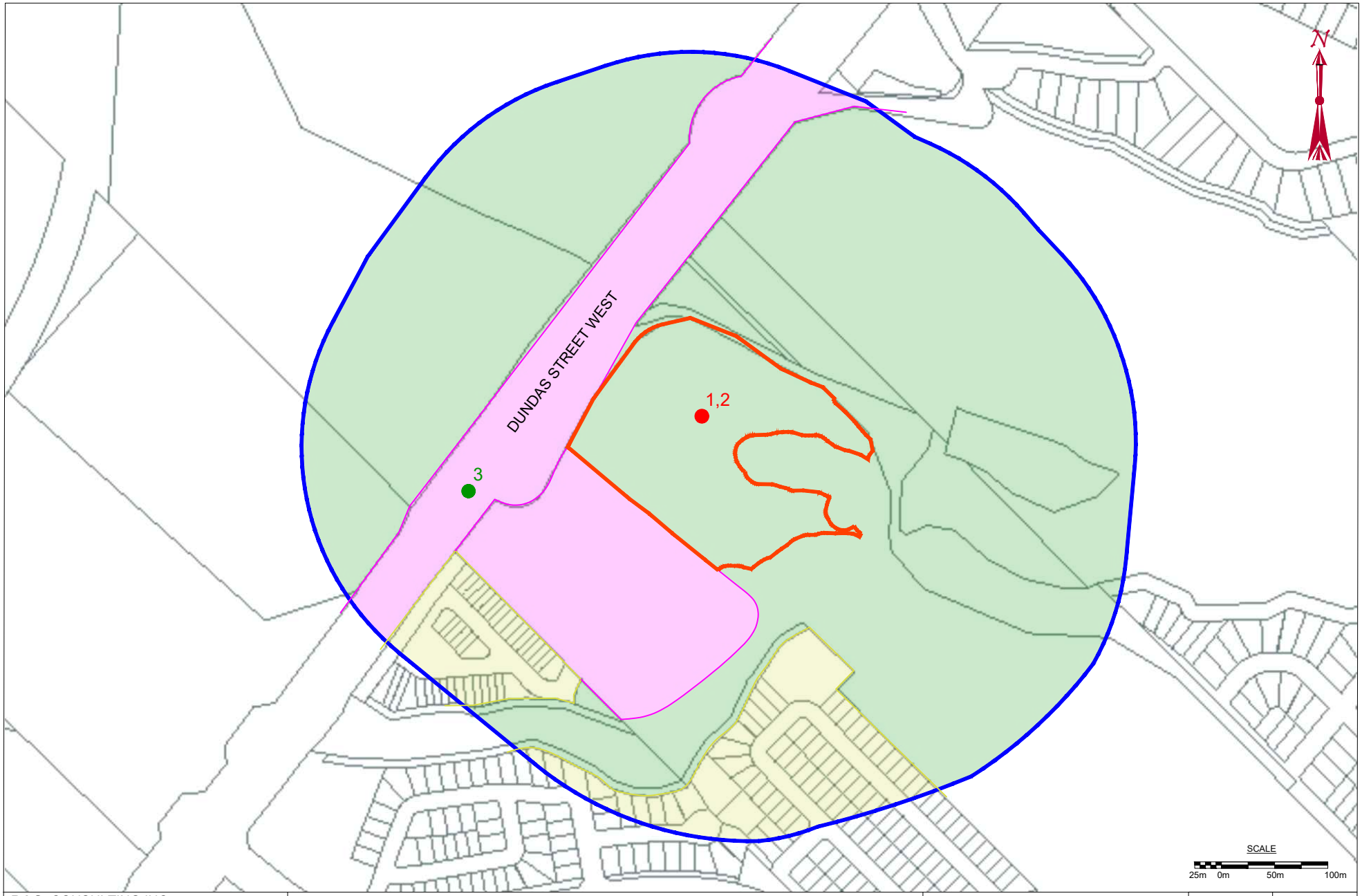
APPROXIMATE SITE BOUNDARY

IMAGERY OBTAINED FROM TOPORAMA, NATURAL RESOURCES CANADA, 2017

TITLE AND LOCATION

SITE LOCATION PLAN
PHASE ONE ESA
1280 DUNDAS STREET WEST,
OAKVILLE, ONTARIO

PROJECT NO.	DWN.
BIGC-ENV-185F	L.C.K.
SCALE	CK.
AS NOTED	E.L.
DATE	FIG NO.
DECEMBER 2021	1



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LEGEND

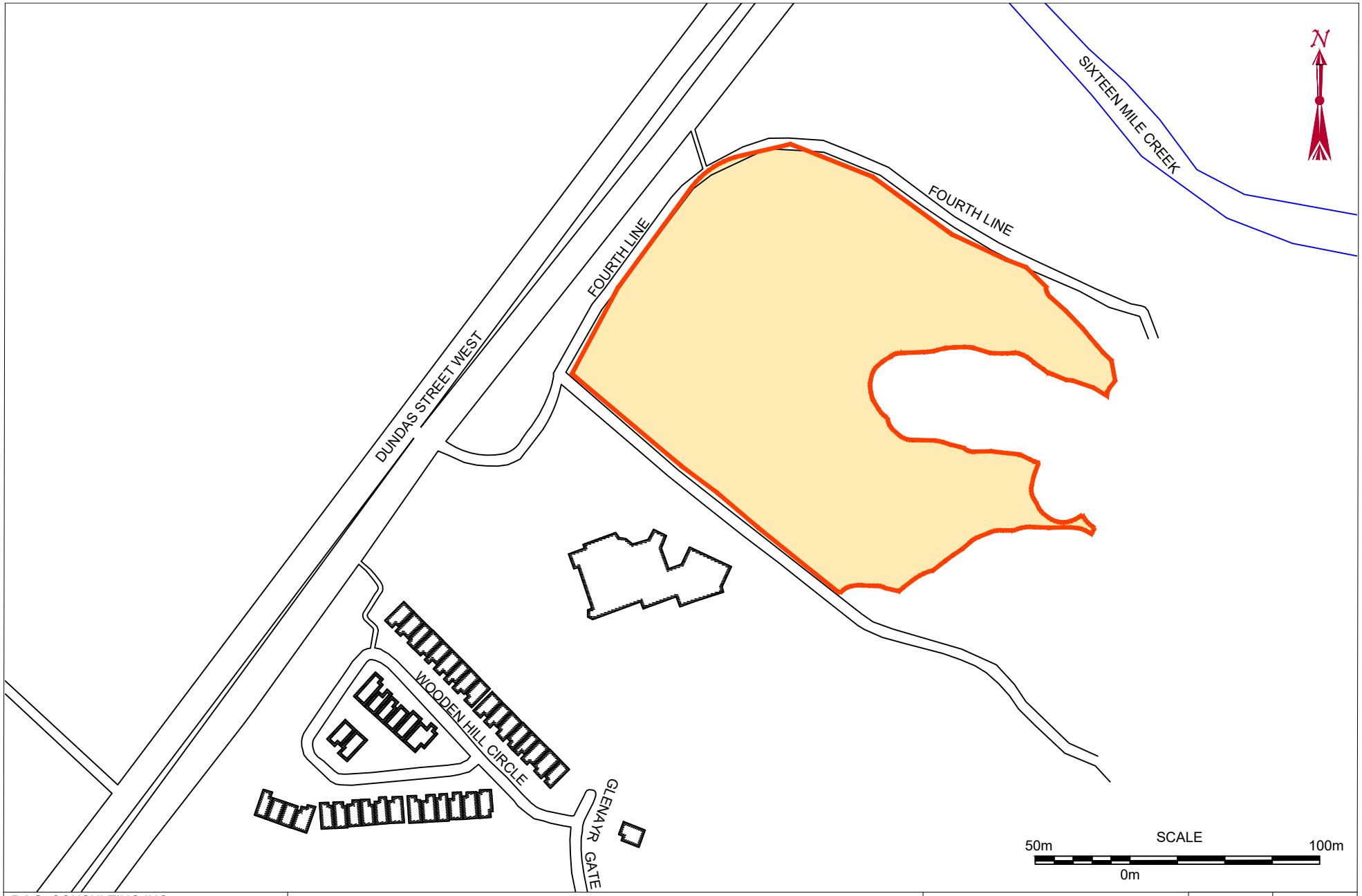
- APPROXIMATE SITE BOUNDARY
- PHASE ONE STUDY AREA BOUNDARY
- 1 PCA IDENTIFIER CONTRIBUTING TO APEC
- 1 PCA IDENTIFIER NOT CONTRIBUTING TO APEC
- RESIDENTIAL LAND USE
- COMMUNITY LAND USE
- AGRICULTURAL LAND USE

TITLE AND LOCATION

PHASE ONE STUDY AREA AND POTENTIALLY CONTAMINATING ACTIVITIES (PCAs)

PHASE ONE ESA
1280 DUNDAS STREET WEST,
OAKVILLE, ONTARIO

PROJECT NO.	DWN.
BIGC-ENV-185F	L.C.K.
SCALE	CK.
AS NOTED	E.L.
DATE	FIG NO.
DECEMBER 2021	2



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LEGEND

- APPROXIMATE SITE BOUNDARY
- EXISTING BUILDING
- APECs 1 & 2

TITLE AND LOCATION

SITE PLAN AND AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APECs)

PHASE ONE ESA
1280 DUNDAS STREET WEST,
OAKVILE, ONTARIO

PROJECT NO.	DWN.
BIGC-ENV-185F	L.C.K.
SCALE	CK.
AS NOTED	E.L.
DATE	FIG NO.
DECEMBER 2021	3

TABLES

Table I

SITE ENVIRONMENTAL SETTING DATA 1280 Dundas Street West, Oakville, Ontario	
NATIVE SOIL AND BEDROCK	
Type	Topsoil underlain by fill, overlying native clayey silt to silty clay till
Hydraulic Conductivity	Unknown
Percent Sand	Unknown
Depth to Bedrock	1.5 to 7.7 m bgs
Bedrock Type	Shale
GROUND WATER	
Depth to Water Table	1.46 to 6.51 m bgs (September 30, 2021).
Estimated or Measured	Measured
Direction of Flow	East
Estimated or Measured	Measured
POTABLE WATER AND SEWERS	
Potable Water Source	Groundwater
Municipal Water Source	Groundwater/Lake Ontario
Distance to Nearest Municipal Water Well	None identified within Phase One Study Area
Distance to Nearest Private Water Well	Unknown
Sanitary Sewage System	Town of Oakville
Storm Water System	Town of Oakville
SURFACE WATER	
Name of Nearest Water Body	Glenayr Creek
Distance from Site	40 m
Elevation Drop from Site	7 m
Direct Drainage from Site	Yes
B.I.G. Consulting Inc. **BIGC-ENV-185F**	

Table II

TABLE OF CURRENT AND PAST LAND USES OF THE SITE (Refer to clause 16(2)(b), Schedule D, O.Reg.153/04) 1280 Dundas Street West, Oakville, Ontario				
Year	**Name of Owner**	**Description of Property Use**	**Property Use**	**Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.**
1280 Dundas Street West				
Prior to 1807	The Crown	Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1934.
1807 to 1809	Sarah Caufield	Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1934.
1809 to 1816	Sampson Howell (Sr.)	Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1934.
1816 to 1851	Sampson Howell (Jr.)	Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1934.
1851 to 1872	John Howell	Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1934.
1872 to 1882	Samuel Albert Bowman	Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1934.
1882	Samuel Oliver Bowman (Estate of Samuel Albert Bowman)	Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1934.
1882 to 1941	Samuel Oliver Bowman Charles James Bowman	Undeveloped	Agricultural or other use	Based on aerial photographs from 1934, the Site appears to have been farmland with an orchard on the northern portion of the property, a barn located on the western portion and a farmhouse located on the northern portion of the Site.
1941 to 1949	Robert K. Slater and his wife	Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available between 1941 and 1949. It is assumed the Site remained to be agricultural or other use.
1949 to 1954	James Armstrong and his wife	Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available between 1949 and 1954. It is assumed the Site remained to be agricultural or other use.
1954 to 1956	Theodore Hemeniuk The Trustees for the Eastern Epinchy of Ukrianian Greek Orthodox Chruch of Canada	Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available between 1954 and 1956. It is assumed the Site remained to be agricultural or other use.
1956 to Present	St. Volodymyr Cathedral of Toronto	Undeveloped	Agricultural or other use	Based on aerial photographs from 1965, 1985, 2008, and 2016, and Site reconnaissance, the Site appears to have remained undeveloped.

Table II

TABLE OF CURRENT AND PAST LAND USES OF THE SITE
(Refer to clause 16(2)(b), Schedule D, O.Reg.153/04)
1280 Dundas Street West, Oakville, Ontario

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.

Notes:

1 - For each owner, specify one of the following types of property use (as defined in O.Reg. 153/04) that applies:

- Agricultural or other use
- Commercial use
- Community use
- Industrial use
- Institutional use
- Parkland use
- Residential use

2 - When submitting a Record of Site Condition for filing, a copy at this table must be attached.

Table III

POTENTIALLY CONTAMINATING ACTIVITIES (PCAs)
(Refer to clause 16(2)(b), Schedule D, O. Reg. 153/04)
1280 Dundas Street West, Oakville, Ontario

PCA Identifier	Address	Location of Activity (In relation to Site)[1]	Potentially Contaminating Activity (PCA)[2]	Description and Approximate timeline that PCA Occurred	Contribution to APEC at the Site
1.	1280 Dundas Street West	On-Site	#30 – Importation of Fill Material of Unknown Quality	Based on the aerial photographs and Site reconnaissance, the former barn located on the western portion, farm house located on the northern portion of the Site and a playground located on the southeastern portion of the Site were demolished and fill material may have been used to re-grade the Site. A small portion of fill piles was observed to the southwest of the Site. The fill piles were reportedly imported from the cemetery located southeast adjacent.	Potential
2.	1280 Dundas Street West	On-Site	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Based on the aerial photographs, the Site may have been previously used as an orchard. Based on the Site reconnaissance, an empty aboveground storage tank (AST) was observed on the northern portion of the Site, near the ravine and according to the Site Representative was reportedly used for storage of pesticides.	Potential
3.	Dundas Street West and Fourth Line	Off-Site (75 m southwest)	"Other" – Diesel Spill or Leakage	A spill of 100 L of diesel fuel to the pavement and storm sewer from a truck on Dundas Street near Fourth Line in 1998, approximately 75 m southwest of the Site. The intersection also had a 500 L diesel fuel spill in 2016.	No Inferred trans-gradient

Notes:
(1) Distances are approximately only. Precise distances are not possible due to the age of some listings and the aggregation and/or loss of addresses.
(2) Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D (O.Reg 153/04. as amended) which is occurring or has occurred in a Phase One Study Area.

Table IV

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APECs)

(Refer to clause 16(2)(b), Schedule D, O. Reg. 153/04)

1280 Dundas Street West, Oakville, Ontario

Area of Potential Environmental Concern (APEC)[1]	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)[2]	Location of PCA (On-Site or Off-Site)[2]	Potential Contaminants of Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 1: Importation of fill material	Entire Site	#30 – Importation of Fill Material of Unknown Quality	On-Site	PAHs, metals and inorganics	Soil and Groundwater
APEC 2: Former usage of pesticides	Entire Site	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	Organochlorine Pesticides	Soil

Notes:

1, Area of Potential Environmental Concern means the area on, in or under a phase one study area where one or more contaminants are potentially present, as determined through the P1 ESA, including through,

(a) Identification of post or present uses on, in or under the phase one property, and

(b) Identification of potentially contaminating activities.

2. Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a phase one study area

3. When completing this column, identify all contaminants of potential concern using the Method Groups as identified in the "Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011, as specified below:

ABNs	PCB:	Metals	Electrical Conductivity
CPs	PAHs	As, Sb, Se	Cr (Vi)
1,4- Dioxane	THMs	Na	Hg
Dioxins/Furans, PCDDs/PCDFs	VOCs	B-HWS	Methyl Mercury
Ocs	BTEX	Cl-	high pH
PHCs	Ca,	Mg	CN- low pH

4. When submitting a record of site condition for filing, a copy of this table must be attached

SAR = Sodium Adsorption Ratio

PHCs = Petroleum Hydrocarbons

PCBs = Polychlorinated Biphenyl

(1) Distances are approximately only. Precise distances are not possible due to the age of some listings and the aggregation and/or loss of addresses.

(2) Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D (O.Reg. 153/04. as amended) which is occurring or has occurred in a Phase One Study Area

APPENDIX A: LIMITATION OF LIABILITY, SCOPE OF REPORT, AND THIRD-PARTY RELIANCE

Limitation of Liability, Scope of Report, and Third Party Reliance

The information presented in this report is based on visual site inspection and following the general guidance provided in the CSA standard. The objectives of the investigation were to evaluate the current environmental conditions of the subject property. The observations, conclusions and recommendations presented in this report are based on the site conditions existing at the time of BIG's site visit. If in the future, a Record of Site Condition (RSC) is pursued or additional information is become available or revealed through intrusive on-site testing, BIG should be contacted to re-evaluate the information presented in this report, if required.

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APPENDIX B: LEGAL SURVEY PLAN

TAG# (#XXX ON PLAN)	ELEVATION (meters) (BASE OF TREE)
#137	151.94
#138	151.67
#139	151.71
#140	DID NOT FIND
#141	DID NOT FIND
#142	151.78
#143	151.71
#144	151.44
#145	151.88
#146	151.77
#147	151.73
#148	151.59
#149	151.80
#150	151.84
#151	151.71
#152	151.76
#153	151.87
#154	151.32
#155	151.25
#156	151.18
#157	151.03
#158	151.04
#159	150.97
#160	151.83
#161	150.82
#162	150.33
#163	150.33
#164	150.23
#165	149.74
#166	151.18
#167	150.19
#168	150.30
#169	150.63
#170	151.71
#171	150.93
#172	151.09
#173	150.56
#174	150.44
#175	DID NOT FIND
#176	150.23
#177	150.20
#178	150.08
#179	150.30
#180	150.93
#181	149.57
#182	149.57
#183	149.19
#184	149.23
#185	149.77
#186	149.72

TAG# (#XXX ON PLAN)	ELEVATION (meters) (BASE OF TREE)
#187	149.54
#188	149.28
#189	149.54
#190	149.33
#191	149.35
#192	149.26
#193	149.93
#194	149.83
#195	150.20
#196	150.14
#197	150.50
#198	150.34
#199	150.37
#200	149.86
#201	150.41
#202	149.83
#203	150.65
#204	DID NOT FIND
#205	150.44
#206	151.31
#207	151.58
#208	152.03
#209	152.03
#210	151.44
#211	151.72
#212	151.26
#213	151.40
#214	151.28
#215	151.42
#216	151.37
#217	151.41
#218	151.38
#219	151.40
#220	151.57
#221	151.68
#222	151.88
#223	152.14
#224	151.97
#225	151.90
#226	151.90
#227	151.68
#228	151.55
#229	151.84
#230	151.84
#231	151.83
#232	151.90
#233	152.16
#234	151.97
#235	152.11
#236	151.82

TAG# (#XXX ON PLAN)	ELEVATION (meters) (BASE OF TREE)
#237	151.89
#238	151.81
#239	151.76
#240	151.72
#241	151.48
#242	151.17
#243	150.80
#244	150.44
#245	151.06
#246	150.66
#247	150.66
#248	150.88
#249	150.81
#250	150.87
#251	150.48
#252	150.98
#253	151.08
#254	151.52
#255	151.32
#256	151.07
#257	150.99
#258	151.09
#259	151.17
#260	151.33
#261	151.34
#262	151.46
#263	151.49
#264	151.41
#265	151.52
#266	151.40
#267	151.39
#268	151.37
#269	151.26
#270	151.26
#271	151.15
#272	151.09
#273	150.97
#274	150.87
#275	150.90
#276	150.51
#277	150.28
#278	150.67
#279	149.99
#280	150.12
#281	150.66
#282	150.68
#283	150.22
#284	150.92
#285	150.88
#286	151.09

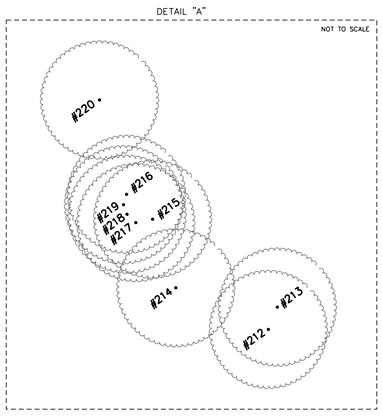
TAG# (#XXX ON PLAN)	ELEVATION (meters) (BASE OF TREE)
#287	151.09
#288	151.60
#289	151.87
#290	151.71
#291	152.05
#292	151.46
#293	151.34
#294	151.53
#295	151.35
#296	151.35
#297	151.30
#298	151.31
#299	151.34
#300	DID NOT FIND
#301	151.26
#302	DID NOT FIND
#303	DID NOT FIND
#304	DID NOT FIND
#305	151.41
#306	151.37
#307	151.40
#308	151.26
#309	151.11
#310	151.00
#311	151.45
#312	151.38
#313	150.62
#314	150.27
#315	150.38
#316	149.93
#317	149.81
#318	150.11
#319	150.03
#320	150.21
#321	150.15
#322	150.29
#323	150.18
#324	150.51
#325	150.22
#326	150.51
#327	150.67
#328	150.66
#329	150.22
#330	150.53
#331	150.61
#332	150.70
#333	150.37
#334	150.55
#335	150.71
#336	150.64

TAG# (#XXX ON PLAN)	ELEVATION (meters) (BASE OF TREE)
#337	150.70
#338	150.34
#339	150.40
#340	150.29
#341	150.30
#342	151.05
#343	150.42
#344	150.89
#345	150.68
#346	150.68
#347	150.51
#348	150.64
#349	150.75
#350	150.96
#351	151.01
#352	149.92
#353	149.77
#354	150.39
#355	150.32
#356	150.98
#357	150.90
#358	150.79
#359	151.00
#360	151.21
#361	151.28
#362	151.39
#363	151.54
#364	151.59
#365	151.70
#366	151.72
#367	152.03
#368	151.97
#369	152.13
#370	151.99
#371	151.98
#372	152.13
#373	152.11
#374	152.14
#375	152.17
#376	151.98
#377	152.08
#378	152.05
#379	152.11
#380	151.76
#381	151.63
#382	151.61
#383	151.57
#384	151.75
#385	151.45
#386	151.44

TAG# (#XXX ON PLAN)	ELEVATION (meters) (BASE OF TREE)
#387	151.58
#388	151.38
#389	151.38
#390	151.55
#391	151.36
#392	151.22
#393	151.13
#394	151.06
#395	151.56

DETAIL "A"

NOT TO SCALE



LOCAL BENCHMARK No. 1
ELEVATION = 149.453

LIMIT BETWEEN LOTS 22 AND 23, CONCESSION 1, SOUTH OF DUNDAS STREET

PART 3 PLAN 20R-16495

PART 2 PLAN 20R-16495

PART 1 PLAN 20R-16495

DEPOSITED PLAN 880

KNOWN AS

DUNDAS STREET WEST - REGIONAL ROAD No. 5

TRAVELLED ROAD

FOURTH LINE ROAD

PK NAIL

PART 1 PLAN 20R-8277

PART 1 PLAN 20R-12519

PART 2 PLAN 20R-12519

BURIED CSP

0.5 DIA. CSP INV. ELEV = 137.52

0.5 DIA. CSP INV. ELEV = 139.43

CONCESSION 1

LOT 23

SOUTH OF DUNDAS STREET

PART 6 PLAN 20R-16278

PART 7 PLAN 20R-16278

PART 7 PLAN 20R-2184 (REMAINDER)

PART 1 PLAN 20R-3072

PART 35 PLAN 20R-15191

20M-869 PLAN REGISTERED

BLOCK 132

BLOCK 131

LOT 18

LOT 17

LOT 16

LOCAL BENCHMARK No. 2
ELEVATION = 151.941

CUT CROSS ON CURB

SAINT VOLODYMYR CULTURAL CENTRE

FINISHED FLOOR ELEVATION 152.90m

CONCRETE PAD FOR HYDRO TRANSFORMER

OVERHANG

STONE CHIMNEY

STEPS

CONCRETE AREA

WOOD SHED

BOARD FENCE

CHAIN LINK FENCE

PLAYGROUND

DECORATIVE WOOD POST AND CHAIN FENCE

TOPOGRAPHICAL SKETCH OF

PART OF 1280 DUNDAS STREET WEST TOWN OF OAKVILLE

REGIONAL MUNICIPALITY OF HALTON

SCALE 1 : 500

10 0 10 20 30 metres

J.D. BARNES LIMITED

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

LEGEND

CB	DENOTES CATCHBASIN
SAN MH	DENOTES SANITARY MANHOLE
STM MH	DENOTES STORM MANHOLE
IB	DENOTES IRON BAR
RIB	DENOTES ROUND IRON BAR
SIB	DENOTES STANDARD IRON BAR
HP	DENOTES HYDRO POLE
LS	DENOTES LIGHT STANDARD
H	DENOTES FIRE HYDRANT
WK	DENOTES WATER KEY
WV	DENOTES WATER VALVE
— E —	DENOTES OVERHEAD HYDRO WIRES
PED	DENOTES TELEPHONE PEDESTAL
HP	DENOTES HYDRO POLE WITH ANCHOR WIRE
C/L	DENOTES CENTRELINE
	DENOTES DECIDUOUS TREE
	DENOTES CONIFEROUS TREE
CSP	DENOTES CORRUGATED STEEL PIPE

NOTES:

BEFORE DIGGING, UNDERGROUND SERVICES SHOULD BE LOCATED ON SITE BY THE RESPECTIVE AGENCIES

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT LOCAL BENCHMARKS HAVE NOT BEEN ALTERED OR DISTURBED AND THAT THE RELATIVE ELEVATIONS AGREE WITH THE INFORMATION SHOWN ON THIS PLAN

PRIMARY CONTOURS ARE SET AT 1.00m INTERVALS
SECONDATY CONTOURS ARE SET AT 0.25m INTERVALS

ELEVATION NOTE

ELEVATIONS SHOW ON THIS PLAN ARE RELATED TO GEODETIC DATUM AND ARE DERIVED FROM THE TOWN OF OAKVILLE BENCH MARK No. 264.
ELEVATION = 149.939

LOCAL BENCHMARK No. 1

PK NAIL IN ASPHALT SIDEWALK AT FOURTH LINE TURN AROUND AND NORTHEAST TRAIL ENTRANCE.
ELEVATION = 149.453m

LOCAL BENCHMARK No. 2

CUT CROSS ON CURB ON NORTHWEST SIDE OF FOURTH LINE.
ELEVATION = 151.941m

CAUTION:

THIS IS NOT A PLAN OF SURVEY AND SHALL NOT BE USED FOR TRANSACTION OR MORTGAGE PURPOSES.

J.D.BARNES LIMITED
SURVEYING MAPPING GIS
LAND INFORMATION SPECIALISTS
401 WHEELABRATOR WAY, SUITE A, MILTON, ON L9T 3C1
T: (905) 875-9955 F: (905) 875-9956 www.jdbarnes.com

DRAWN BY:	CHECKED BY:	REFERENCE NO.:
JW / ML	AB	17-30-187-00-TOPO

FILE: G:\17-30-187\03\Drawing\17-30-187-00-TOPO-TREED.dwg DATED: FEBRUARY 27, 2020

PLOTTED: 3/17/2020

APPENDIX C: QUALIFICATION OF ASSESSORS

Qualifications of Assessors

The records review was conducted by Ms. Julia Romano, who has been trained to conduct Phase One/I ESAs in accordance with O.Reg.153/04 and CSA Standard Z768-01. Julia is a Geoscientist in training (GIT) and has a master's degree in Environmental Science from University of Toronto and has completed Phase One and Phase Two ESA reports under Ontario jurisdiction. While completing her master's degree, Julia completed courses related to O.Reg.153/04 (as amended), contaminated site remediation and risk assessment.

Ms. Eileen Liu, is the Project Manager of BIG, she is a Professional Geoscientist in Ontario (P.Geo) and has a master's degree in Environmental Science from University of Toronto and has completed numerous Phase One and Phase Two ESA reports under Ontario jurisdiction. She had been involved in Environmental Site Assessments, risk assessments, remediation projects and environmental management report reviews under Federal jurisdiction.

Mr. Darko Strajin, is the Principal of BIG, he is a licensed engineer in province of Ontario and has over 25 years of consulting experience. Darko has been involved in conducting Phase One and Phase Two Environmental Site Assessments for more than 20 years. Darko has been responsible for successfully managing numerous environmental investigations and site assessments. Darko has in depth knowledge of Environmental Regulations including experience in geology, hydrogeology and geotechnical engineering that enables him to provide superior services to his clients in the environmental industry. Darko has registered with the MECP as QP (Environmental Site Assessment) and has filed number of Record of Site Condition documents over the years.

APPENDIX D: CHAIN OF TITLE SEARCH

PROJECT # BIGC-ENV-185-F

#1280 DUNDAS STREET WEST

PIN 24925-8461

PART OF LOT 23
CONCESSION 1
SOUTH OF DUNDAS STREET
(TOWNSHIP OF TRAFALGAR)

TOWN OF OAKVILLE

PIN	OWNERSHIP	DATES
24925-8461 24925-6488 24925-1208 24925-0007	**ST. VOLODYMYR CATHEDRAL OF TORONTO** **formerly** **THE TRUSTEES OF ST. VOLODYMYR CATHEDRAL OF THE UKRAINIAN ORTHODOX CHURCH OF CANADA** **formerly** **ST. VOLODYMYR CATHEDRAL OF THE UKRAINIAN ORTHODOX CHURCH OF CANADA** **formerly** **THE TRUSTEES OF ST. VLADIMIR'S CATHEDRAL IN TORONTO OF**	**APRIL 16 1956 TO PRESENT** **DECEMBER 8 2021**

PIN	OWNERSHIP	DATES
	THE UKRAINIAN GREEK ORTHODOX CHURCH OF CANADA	
	THEODORE HEMENIUK **et-al** THE TRUSTEES FOR THE EASTERN EPINCHY OF UKRAINIAN GREEK ORTHODOX CHURCH OF CANADA	FEBRUARY 5 1954 TO APRIL 16 1956
	JAMES ARMSTRONG AND HIS WIFE	MARCH 7 1949 TO FEBRUARY 5 1954
	ROBERT K. SLATER AND HIS WIFE	FEBRUARY 14 1941 TO MARCH 7 1949
	SAMUEL OLIVER BOWMAN CHARLES JAMES BOWMAN	NOVEMBER 11 1882 TO FEBRUARY 14 1941

PIN	OWNERSHIP	DATES
	SAMUEL OLIVER BOWMAN **ESTATE OF** SAMUEL ALBERT BOWMAN	AFTER AUGUST 26 1882 TO BEFORE NOVEMBER 11 1882
	SAMUEL ALBERT BOWMAN	AUGUST 26 1872 TO BEFORE NOVEMBER 11 1882
	JOHN HOWELL	MAY 4 1851 TO AUGUST 26 1872
	SAMPSON HOWELL (JR.)	JANUARY 10 1816 TO MAY 4 1851
	SAMPSON HOWELL (SR.)	FEBRUARY 28 1809 TO JANUARY 10 1816
CROWN PATENT	SARAH CAUFIELD	DECEMBER 26 1807 TO FEBRUARY 28 1809

CROWN PATENT: DECEMBER 26 1807

LOT 23 ; CONCESSION 1

GEOGRAPHIC TOWNSHIP OF TRAFALGAR

PROPERTY DESCRIPTION: PT LT 23, CON 1 TRAF SDS, AS IN 49377, EXCEPT PT 1 20R8277,PT 1 20R4983,PT 1 20R3072, PTS 1,2 & 3 20R12531, PT 1 20R14896 & PT 6 20R16278; OAKVILLE. S/T EASE HR211652 OVER PT 35 20R15191.

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
DIVISION FROM 24925-6488

PIN CREATION DATE:
2006/10/26

OWNERS' NAMES
ST. VOLODYMYR CATHEDRAL OF TORONTO

CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2006/10/26 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *						
** AND ESCHEATS OR FORFEITURE TO THE CROWN.						
** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF						
** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY						
** CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 1996/03/25 **						
49377	1956/04/18	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***	THE TRUSTEES OF ST. VLADIMIR'S CATHEDRAL IN TORONTO OF THE UKRAINIAN GREEK-ORTHODOX CHURCH OF CANADA	
20R2184	1975/08/13	PLAN REFERENCE				C
572710	1983/03/10	ORDER				C
20R8498	1988/01/22	PLAN REFERENCE				C
H673453	1997/04/23	APL (GENERAL)		*** DELETED AGAINST THIS PROPERTY *** ST. VOLODYMYR CATHERDAL OF THE UKRAINIAN ORTHODOX CHURCH OF CANADA		
H704275	1997/10/09	NOTICE AGREEMENT		THE CORPORATION OF THE TOWN OF OAKVILLE	THE TRUSTEES OF ST. VOLODYMYR CATHEDRAL OF THE UKRANIAN ORTHODOXCHURCH OF CANADA	C
20R15015	2003/03/14	PLAN REFERENCE				C

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
20R15191	2003/07/04	PLAN REFERENCE				C
HR211652	2003/07/16	TRANSFER EASEMENT		ST. VOLODYMYR CATHEDRAL OF THE UKRAINIAN ORTHODOX CHURCH OF CANADA	THE CORPORATION OF THE TOWN OF OAKVILLE	C
20R16278	2005/08/17	PLAN REFERENCE				C
HR520699	2006/10/23	NOTICE	$27,000	THE REGIONAL MUNICIPALITY OF HALTON	THE REGIONAL MUNICIPALITY OF HALTON	C
20R18849	2011/03/01	PLAN REFERENCE				C
HR1562255	2018/08/09	TRANS RLIGIOUS ORG		ST. VOLODYMYR CATHEDRAL OF THE UKRAINIAN ORTHODOX CHURCH OF CANADA	ST. VOLODYMYR CATHEDRAL OF TORONTO	C

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

APPENDIX E: ECOLOG ERIS REPORT

DATABASE REPORT

Project Property:	*1280 Dundas Street West* *1280 Dundas Street West* *Oakville ON*
Project No:	*BIGC-ENV-185F*
Report Type:	*RSC Report - Quote*
Order No:	*21120300848*
Requested by:	*B.I.G. Consulting Inc.*
Date Completed:	*December 8, 2021*

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

Table of Contents

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Executive Summary

Property Information:

Project Property:	*1280 Dundas Street West* *1280 Dundas Street West Oakville ON*
Project No:	*BIGC-ENV-185F*

Order Information:

Order No:	*21120300848*
Date Requested:	*December 3, 2021*
Requested by:	*B.I.G. Consulting Inc.*
Report Type:	*RSC Report - Quote*

Historical/Products:

Topographic Map	*RSC Maps*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	17	17
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	6	6
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	2	3
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	3	3
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	1	1	2
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
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	3	3
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	3	3
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	2	13	15
	Total:		4	51	55

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		lot 23 con 1 ON ***Well ID:*** 2806857	SW/0.0	1.05	22
2	WWIS		lot 23 con 1 ON ***Well ID:*** 2803144	WNW/0.0	1.99	25
3	GEN	The Regional Municipality of Halton - Health Dept	1280 Dundas Street West Oakville ON L6M4H9	W/64.4	4.26	28
11	EHS		1280 Dundas St W Oakville ON L6M4H9	WSW/77.0	3.04	29

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	WWIS		2449-2467 Fourth Line Oakville ON ***Well ID:*** 7327251	NNE/2.0	-12.93	29
5	WWIS		lot 23 con 1 ON ***Well ID:*** 2806858	SSW/18.7	0.35	31
6	WWIS		lot 23 con 1 ON ***Well ID:*** 2806856	SW/22.7	2.12	34
7	WWIS		lot 23 con 1 ON ***Well ID:*** 2806859	SW/27.6	2.24	38
8	WWIS		lot 23 con 1 ON ***Well ID:*** 2805007	E/59.9	-5.53	41
9	BORE		ON	NW/62.0	-7.14	44
10	SPL	TRANSPORT TRUCK	ON DUNDAS ST. NEAR THE 4TH LINE IN PARKING LOT OF FORMER SUNNY'S GAS BAR MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON	W/75.5	4.84	45
10	SPL	Canex Freight Systems<UNOFFICIAL>	Dundas St at Fourth Line Oakville ON	W/75.5	4.84	45
12	CA	Whiteoaks Communications Group Limited	1303 Dundas Street West Oakville ON L6M 4L8	W/100.5	4.08	46
13	ECA	Whiteoaks Communications Group Limited	1303 Dundas Street West Oakville ON L6L 7N2	W/100.5	4.08	46
14	BORE		ON	NNW/110.8	-33.78	46

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
15	BORE		ON	NNW/115.4	-34.05	47
16	BORE		ON	N/117.4	-33.78	48
17	BORE		ON	NNW/130.6	-34.10	49
18	BORE		ON	NNW/135.7	-33.85	50
19	BORE		ON	NNW/149.8	-33.83	52
20	EHS		Dundas St W Oakville ON	N/162.5	-31.89	53
21	BORE		ON	N/163.4	-30.31	53
22	BORE		ON	N/166.6	-30.62	54
23	BORE		ON	N/169.7	-30.60	56
24	BORE		ON	N/175.6	-30.60	57
25	BORE		ON	N/180.2	-29.16	58
26	BORE		ON	N/186.6	-30.08	59
27	WWIS		WOODEN HILL CIRCLE OAKVILLE ON ***Well ID:*** 2810195	WSW/194.6	5.65	60

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
28	WWIS		lot 23 con 1 ON ***Well ID:*** 2803730	N/221.2	-18.17	62
29	BORE		ON	N/226.4	-15.86	65
30	WWIS		lot 23 con 1 ON ***Well ID:*** 2803413	N/229.4	-16.13	66
31	WWIS		1359 DUNDAS ST. W. OAKVILLE ON ***Well ID:*** 7266230	W/229.8	6.07	69
32	BORE		ON	N/234.9	-11.47	72
33	WWIS		lot 24 con 1 ON ***Well ID:*** 2803683	W/274.3	7.15	72
34	BORE		ON	N/278.7	1.23	76
35	SPL	SUNNY'S PETROLEUM	SUNYS GAS BAR AT 1357 DUNDAS ST. W. SERVICE CENTRE OAKVILLE TOWN ON L6M 4L8	WSW/285.3	5.84	76
35	PRT	SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE ON L6J4Z2	WSW/285.3	5.84	77
35	GEN	Graydon Banning Limited	1357 Dundas Street W. Oakville ON L6M 4L8	WSW/285.3	5.84	77
35	RSC	Graydon Banning Ltd.	1357 DUNDAS ST., OAKVILLE, ON, L6M 4L8 OAKVILLE ON L6M 4L8	WSW/285.3	5.84	77
35	RSC	Graydon Banning Ltd.	1357 Dundas Street West, Oakville, Ontario L6M 4L8 Oakville ON L6M 4L8	WSW/285.3	5.84	78
36	RSC	Graydon Banning Ltd.	1357 DUNDAS ST., OAKVILLE, ON, L6M 4L8 ON	WSW/285.3	5.84	78

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
36	DTNK	SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE ON	WSW/285.3	5.84	79
36	DTNK	SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE ON	WSW/285.3	5.84	80
36	DTNK	SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE ON	WSW/285.3	5.84	80
36	DTNK	SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA ON	WSW/285.3	5.84	81
36	DTNK	SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA ON	WSW/285.3	5.84	81
36	DTNK	SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA ON	WSW/285.3	5.84	81
36	FST	SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA ON	WSW/285.3	5.84	81
36	FST	SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA ON	WSW/285.3	5.84	82
36	FST	SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA ON	WSW/285.3	5.84	82
37	WWIS		1357 DUNDAS ST OAKVILLE ON ***Well ID:*** 2810615	WSW/286.0	5.11	83
38	BORE		ON	N/287.5	1.69	85
39	WWIS		lot 24 con 1 ON ***Well ID:*** 2802149	WSW/292.6	5.00	86

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
40	WWIS		DUNDAS STREET, ADJACENT TO #1361 & 1363 OAKVILLE ON ***Well ID:*** 2810265	WSW/294.0	6.11	89

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 17 BORE site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	62.0	9
	ON	110.8	14
	ON	115.4	15
	ON	117.4	16
	ON	130.6	17
	ON	135.7	18
	ON	149.8	19
	ON	163.4	21
	ON	166.6	22

Site	Address	Distance (m)	Map Key
	ON	169.7	23
	ON	175.6	24
	ON	180.2	25
	ON	186.6	26
	ON	226.4	29
	ON	234.9	32
	ON	278.7	34
	ON	287.5	38

CA - Certificates of Approval

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

Site	Address	Distance (m)	Map Key
Whiteoaks Communications Group Limited	1303 Dundas Street West Oakville ON L6M 4L8	100.5	12

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated May 31, 2021 has found that there are 6 DTNK site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA ON	285.3	36
SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA ON	285.3	36
SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA ON	285.3	36
SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE ON	285.3	36
SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE ON	285.3	36
SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE ON	285.3	36

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Sep 30, 2021 has found that there are 1 ECA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Whiteoaks Communications Group Limited	1303 Dundas Street West Oakville ON L6L 7N2	100.5	13

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 2 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	1280 Dundas St W Oakville ON L6M4H9	77.0	11

Site	Address	Distance (m)	Map Key
	Dundas St W Oakville ON	162.5	20

FST - Fuel Storage Tank

A search of the FST database, dated May 31, 2021 has found that there are 3 FST site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA ON	285.3	36
SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA ON	285.3	36
SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA ON	285.3	36

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Aug 31, 2021 has found that there are 2 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
The Regional Municipality of Halton - Health Dept	1280 Dundas Street West Oakville ON L6M4H9	64.4	3
Graydon Banning Limited	1357 Dundas Street W. Oakville ON L6M 4L8	285.3	35

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
SUNYS PETROLEUM INC	1357 DUNDAS ST W OAKVILLE ON L6J4Z2	285.3	35

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Sep 2021 has found that there are 3 RSC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Graydon Banning Ltd.	1357 DUNDAS ST., OAKVILLE, ON, L6M 4L8 OAKVILLE ON L6M 4L8	285.3	35
Graydon Banning Ltd.	1357 Dundas Street West, Oakville, Ontario L6M 4L8 Oakville ON L6M 4L8	285.3	35
Graydon Banning Ltd.	1357 DUNDAS ST., OAKVILLE, ON, L6M 4L8 ON	285.3	36

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020 has found that there are 3 SPL site(s) within approximately 0.30 kilometers of the project property.

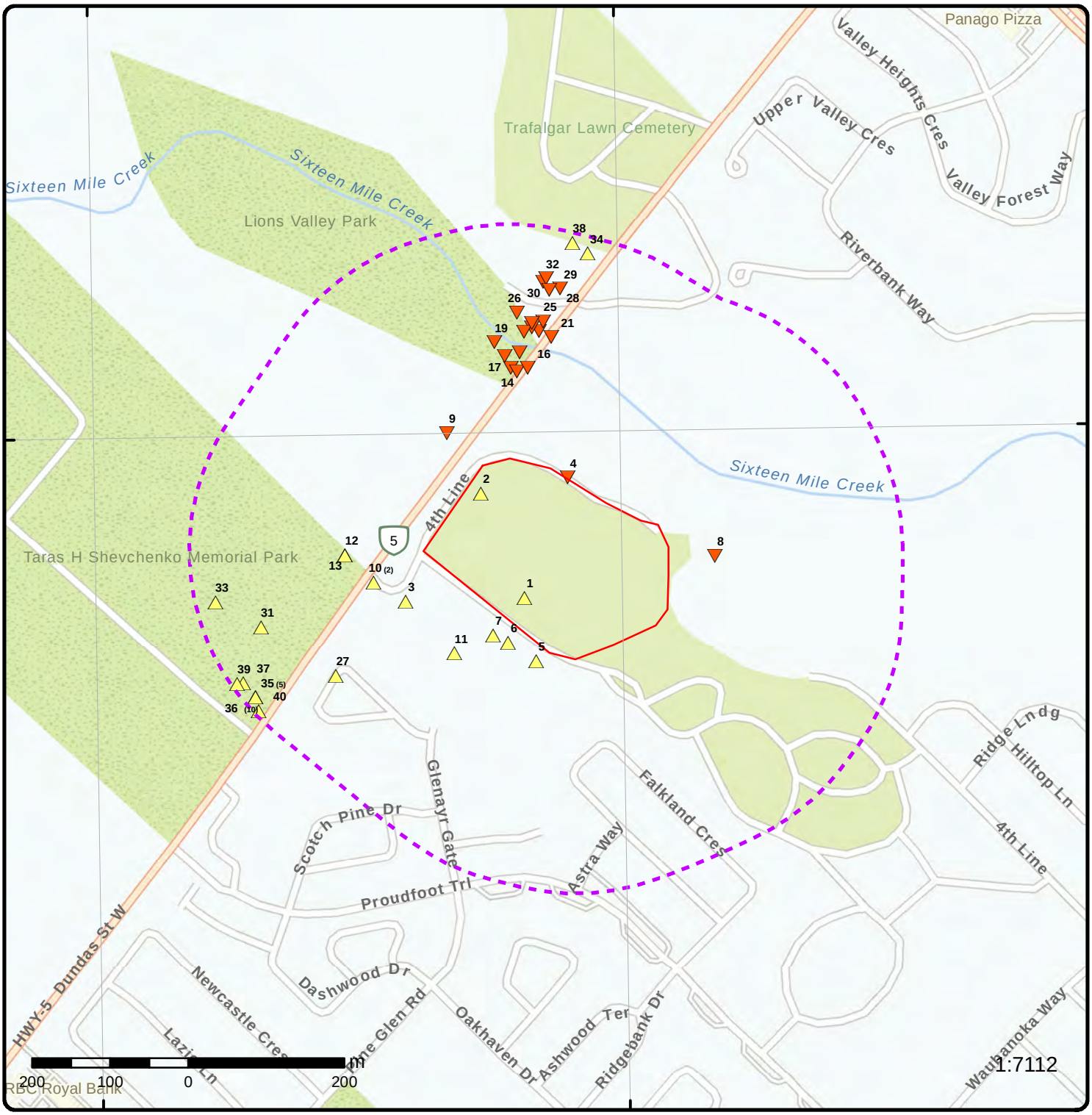
Site	Address	Distance (m)	Map Key
Canex Freight Systems<UNOFFICIAL>	Dundas St at Fourth Line Oakville ON	75.5	10
TRANSPORT TRUCK	ON DUNDAS ST. NEAR THE 4TH LINE IN PARKING LOT OF FORMER SUNNY'S GAS BAR MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON	75.5	10
SUNNY'S PETROLEUM	SUNYS GAS BAR AT 1357 DUNDAS ST. W. SERVICE CENTRE OAKVILLE TOWN ON L6M 4L8	285.3	35

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 15 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 23 con 1 ON ***Well ID:*** 2806857	0.0	1
	lot 23 con 1 ON ***Well ID:*** 2803144	0.0	2
	2449-2467 Fourth Line Oakville ON ***Well ID:*** 7327251	2.0	4
	lot 23 con 1 ON ***Well ID:*** 2806858	18.7	5
	lot 23 con 1 ON ***Well ID:*** 2806856	22.7	6
	lot 23 con 1 ON ***Well ID:*** 2806859	27.6	7
	lot 23 con 1 ON ***Well ID:*** 2805007	59.9	8
	WOODEN HILL CIRCLE OAKVILLE ON ***Well ID:*** 2810195	194.6	27
	lot 23 con 1 ON ***Well ID:*** 2803730	221.2	28
	lot 23 con 1 ON ***Well ID:*** 2803413	229.4	30
	1359 DUNDAS ST. W. OAKVILLE ON ***Well ID:*** 7266230	229.8	31

Site	Address	Distance (m)	Map Key
	lot 24 con 1 ON ***Well ID:*** 2803683	274.3	33
	1357 DUNDAS ST OAKVILLE ON ***Well ID:*** 2810615	286.0	37
	lot 24 con 1 ON ***Well ID:*** 2802149	292.6	39
	DUNDAS STREET, ADJACENT TO #1361 & 1363 OAKVILLE ON ***Well ID:*** 2810265	294.0	40



Map: 0.3 Kilometer Radius

Order Number: 21120300848

Address: 1280 Dundas Street West, 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)

Source: © 2021 ESRI StreetMap Premium.

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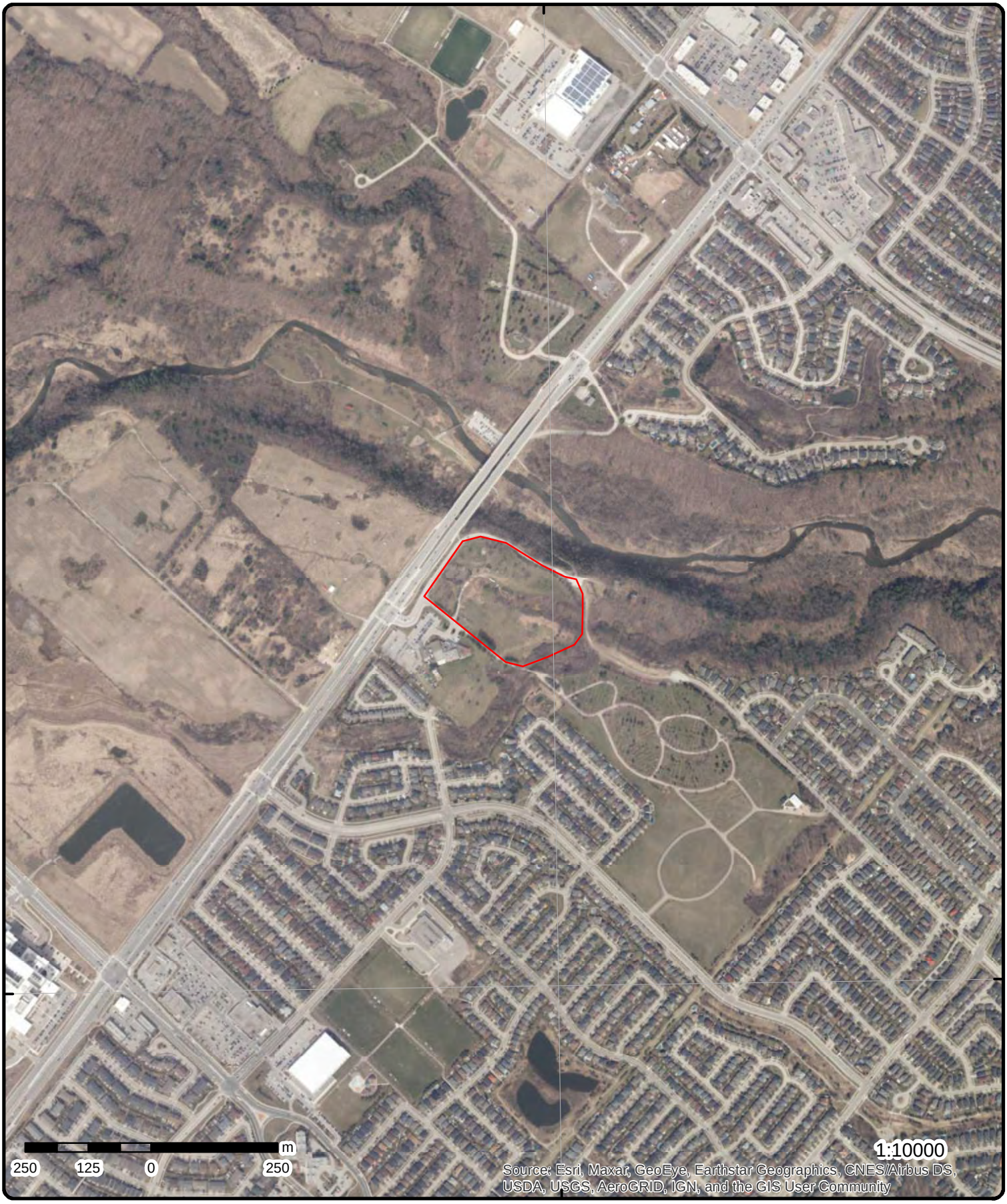
79°45'W



Aerial **Year: 2019**

Order Number: 21120300848

Address: 1280 Dundas Street West, Oakville, ON

Source: ESRI World Imagery

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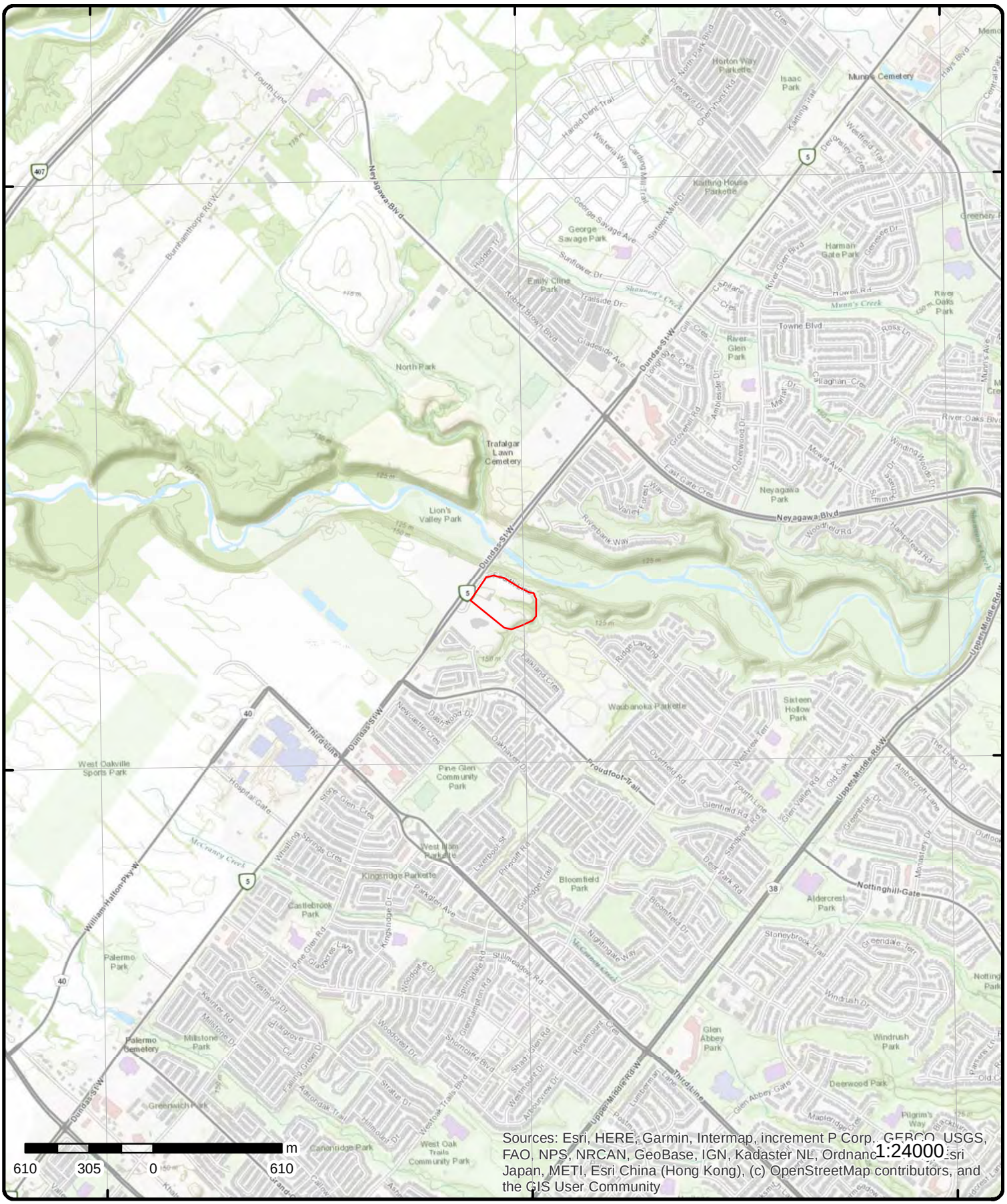

Topographic Map

Order Number: 21120300848

Address: 1280 Dundas Street West, ON

Source: ESRI World Topographic Map

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SW/0.0	149.8 / 1.05	lot 23 con 1 ON	WWIS

Well ID:	2806857	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:		**Date Received:**	3/16/1988
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Abandoned-Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3349
Casing Material:		**Form Version:**	1
Audit No:	17582	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	023
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS S
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2806857.pdf

Additional Detail(s) (Map)

Well Completed Date:	1987/11/19
Year Completed:	1987
Depth (m):	24.0792
Latitude:	43.4564256479689
Longitude:	-79.7515846155531
Path:	280\2806857.pdf

Bore Hole Information

Bore Hole ID:	10153123	**Elevation:**	151.019607
DP2BR:	18.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	601000.30
Code OB Desc:	Bedrock	**North83:**	4812259.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	19-Nov-1987 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931444631
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:	931444632
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	18.0
Formation End Depth:	79.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931444630
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:	1.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933139638
Layer:	1
Plug From:	65
Plug To:	79
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 962806857
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10701693
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930260413
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930260412
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992806857
Pump Set At:
Static Level: 23.0
Final Level After Pumping: 65.0
Recommended Pump Depth: 60.0
Pumping Rate: 5.0
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: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934710016
Test Type: Recovery
Test Duration: 45
Test Level: 23.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934451278
Test Type: Recovery
Test Duration: 30
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934177239
Test Type: Recovery
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933610262
Layer: 2
Kind Code: 2
Kind: SALTY
Water Found Depth: 78.0
Water Found Depth UOM: ft

Water Details

Water ID: 933610261
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

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2 | **1 of 1** | **WNW/0.0** | **150.7 / 1.99** | **lot 23 con 1 ON** | **WWIS**

Well ID: 2803144
Construction Date:
Primary Water Use: Public
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/20/1969
Selected Flag: True
Abandonment Rec:
Contractor: 4602
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 023
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2803144.pdf

Additional Detail(s) (Map)

Well Completed Date: 1969/07/21
Year Completed: 1969
Depth (m): 16.4592
Latitude: 43.4576394604348
Longitude: -79.75224812796
Path: 280\2803144.pdf

Bore Hole Information

Bore Hole ID: 10149686
DP2BR: 6.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 21-Jul-1969 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 153.939971
Elevrc:
Zone: 17
East83: 600944.60
North83: 4812393.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931430902
Layer: 2
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 54.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931430901
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: 6.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	962803144
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10698256
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930254614
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	12
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930254615
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	54
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992803144
Pump Set At:	
Static Level:	42.0
Final Level After Pumping:	48.0
Recommended Pump Depth:	52.0
Pumping Rate:	6.0
Flowing Rate:	
Recommended Pump Rate:	5.0
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: 934449582
Test Type: Draw Down
Test Duration: 30
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934718115
Test Type: Draw Down
Test Duration: 45
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934166056
Test Type: Draw Down
Test Duration: 15
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934969081
Test Type: Draw Down
Test Duration: 60
Test Level: 48.0
Test Level UOM: ft

Water Details

Water ID: 933605460
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 24.0
Water Found Depth UOM: ft

Water Details

Water ID: 933605459
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 16.0
Water Found Depth UOM: ft

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3 | ***1 of 1*** | ***W/64.4*** | ***153.0 / 4.26*** | ***The Regional Municipality of Halton - Health Dept***
1280 Dundas Street West
Oakville ON L6M4H9 | ***GEN***

Generator No: ON4603055
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:

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

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

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11 | ***1 of 1*** | ***WSW/77.0*** | ***151.8 / 3.04*** | ***1280 Dundas St W Oakville ON L6M4H9*** | ***EHS***

Order No: 20180501114
Status: C
Report Type: Standard Report
Report Date: 08-MAY-18
Date Received: 01-MAY-18
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality: Oakville
Client Prov/State: ON
Search Radius (km): .25
X: -79.752708
Y: 43.455797

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4 | ***1 of 1*** | ***NNE/2.0*** | ***135.8 / -12.93*** | ***2449-2467 Fourth Line Oakville ON*** | ***WWIS***

Well ID: 7327251
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z299898
Tag: A257770
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

PDF URL (Map):

Data Entry Status:
Data Src:
Date Received: 1/21/2019
Selected Flag: True
Abandonment Rec:
Contractor: 7472
Form Version: 7
Owner:
Street Name: 2449-2467 Fourth Line
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Additional Detail(s) (Map)

Well Completed Date: 2018/10/23
Year Completed: 2018
Depth (m): 7.62
Latitude: 43.4578044726951
Longitude: -79.7508677541771
Path:

Bore Hole Information

Bore Hole ID: 1007360286
DP2BR:
Spatial Status:
Code OB:

Elevation:
Elevrc:
Zone: 17
East83: 601056.00

Code OB Desc:		**North83:**	4812413.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	23-Oct-2018 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007792750
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	27
Most Common Material:	OTHER
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007792751
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	1.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007794038
Layer:	2
Plug From:	14
Plug To:	25
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007794037
Layer:	1
Plug From:	0
Plug To:	14

Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007795484
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1007791480
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1007796653
Layer: 1
Slot: 10
Screen Top Depth: 15
Screen End Depth: 25
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.5

Results of Well Yield Testing

Pump Test ID: 1007797353
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: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1007794920
Diameter: 7.5
Depth From: 0.0
Depth To: 25.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

5	1 of 1	SSW/18.7	149.1 / 0.35	lot 23 con 1 ON	WWIS

Well ID: 2806858 ***Data Entry Status:***

Construction Date:		**Data Src:**	1
Primary Water Use:	Public	**Date Received:**	3/16/1988
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3349
Casing Material:		**Form Version:**	1
Audit No:	17584	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	023
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS S
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2806858.pdf

Additional Detail(s) (Map)

Well Completed Date:	1987/12/10
Year Completed:	1987
Depth (m):	21.336
Latitude:	43.4556944433444
Longitude:	-79.7514142565056
Path:	280\2806858.pdf

Bore Hole Information

Bore Hole ID:	10153124	**Elevation:**	150.726394
DP2BR:	22.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	601015.30
Code OB Desc:	Bedrock	**North83:**	4812178.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	10-Dec-1987 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931444633
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: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931444634
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: 22.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931444635
Layer: 3
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: 70.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962806858
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10701694
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930260415
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 70
Casing Diameter: 6
Casing Diameter UOM: inch

Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930260414
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 23
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992806858
Pump Set At:
Static Level: 25.0
Final Level After Pumping: 62.0
Recommended Pump Depth: 65.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 3.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934177240
Test Type: Recovery
Test Duration: 15
Test Level: 41.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934451279
Test Type: Recovery
Test Duration: 30
Test Level: 25.0
Test Level UOM: ft

Water Details

Water ID: 933610263
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 58.0
Water Found Depth UOM: ft

6	*1 of 1*	*SW/22.7*	*150.9 / 2.12*	*lot 23 con 1 ON*	*WWIS*

Well ID:	2806856	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Public	**Date Received:**	3/16/1988
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3349
Casing Material:		**Form Version:**	1
Audit No:	17581	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	023
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS S
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2806856.pdf

Additional Detail(s) (Map)

Well Completed Date:	1987/11/13
Year Completed:	1987
Depth (m):	24.384
Latitude:	43.4559153542002
Longitude:	-79.7518546813428
Path:	280\2806856.pdf

Bore Hole Information

Bore Hole ID:	10153122	**Elevation:**	150.850723
DP2BR:	16.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	600979.30
Code OB Desc:	Bedrock	**North83:**	4812202.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	13-Nov-1987 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931444629
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth:	16.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931444627
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:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931444628
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:	16.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962806856
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10701692
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930260410
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	19
Casing Diameter:	6

Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930260411
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 80
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992806856
Pump Set At:
Static Level: 21.0
Final Level After Pumping: 49.0
Recommended Pump Depth: 75.0
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: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934710015
Test Type: Draw Down
Test Duration: 45
Test Level: 44.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934971404
Test Type: Draw Down
Test Duration: 60
Test Level: 49.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934451277
Test Type: Draw Down
Test Duration: 30
Test Level: 37.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934177238

Test Type:	Draw Down
Test Duration:	15
Test Level:	29.0
Test Level UOM:	ft

Water Details

Water ID:	933610260
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	56.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 1	SW/27.6	151.0 / 2.24	lot 23 con 1 ON	WWIS

Well ID:	2806859	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/16/1988
Sec. Water Use:	Public	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3349
Casing Material:		**Form Version:**	1
Audit No:	17583	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	023
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS S
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2806859.pdf

Additional Detail(s) (Map)

Well Completed Date:	1987/10/28
Year Completed:	1987
Depth (m):	32.004
Latitude:	43.4559989371907
Longitude:	-79.7520878079689
Path:	280\2806859.pdf

Bore Hole Information

Bore Hole ID:	10153125	**Elevation:**	150.913970
DP2BR:	18.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	600960.30
Code OB Desc:	Bedrock	**North83:**	4812211.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	28-Oct-1987 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock Materials Interval

Formation ID: 931444638
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 105.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931444636
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: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931444637
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

Method of Construction & Well Use

Method Construction ID: 962806859
Method Construction Code: 1
Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID:	10701695
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930260416
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	21
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930260417
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	105
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992806859
Pump Set At:	
Static Level:	23.0
Final Level After Pumping:	105.0
Recommended Pump Depth:	100.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	1.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934177241
Test Type:	Draw Down
Test Duration:	15
Test Level:	90.0
Test Level UOM:	ft

Draw Down & Recovery

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

Pump Test Detail ID: 934451280
Test Type: Draw Down
Test Duration: 30
Test Level: 105.0
Test Level UOM: ft

Water Details

Water ID: 933610264
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 62.0
Water Found Depth UOM: ft

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8 | **1 of 1** | **E/59.9** | **143.2 / -5.53** | **lot 23 con 1 ON** | **WWIS**

Well ID: 2805007
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 3/1/1977
Selected Flag: True
Abandonment Rec:
Contractor: 1660
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 023
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2805007.pdf

Additional Detail(s) (Map)

Well Completed Date: 1976/08/27
Year Completed: 1976
Depth (m): 45.72
Latitude: 43.4568787636332
Longitude: -79.74855562338
Path: 280\2805007.pdf

Bore Hole Information

Bore Hole ID: 10151514
DP2BR: 8.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 27-Aug-1976 00:00:00
Remarks:

Elevation: 150.608520
Elevrc:
Zone: 17
East83: 601244.60
North83: 4812313.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
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: 931438041
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: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931438042
Layer: 2
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 150.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962805007
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10700084
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930257575
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:
Depth To: 14
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930257576
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 150
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992805007
Pump Set At:
Static Level: 80.0
Final Level After Pumping:
Recommended Pump Depth: 145.0
Pumping Rate: 3.0
Flowing Rate:
Recommended Pump Rate: 3.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934180544
Test Type: Draw Down
Test Duration: 15
Test Level: 145.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934966439
Test Type: Draw Down
Test Duration: 60
Test Level: 145.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934714297
Test Type: Draw Down
Test Duration: 45
Test Level: 145.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934446350
Test Type:	Draw Down
Test Duration:	30
Test Level:	145.0
Test Level UOM:	ft

Water Details

Water ID:	933608100
Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	140.0
Water Found Depth UOM:	ft

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9 ***1 of 1*** ***NW/62.0*** ***141.6 / -7.14*** ***ON*** ***BORE***

Borehole ID:	890605	***Inclin FLG:***	No
OGF ID:	215583525	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	08-MAR-1957	***Municipality:***	
Static Water Level:		***Lot:***	LOT 23
Primary Water Use:		***Township:***	TRAFALGAR
Sec. Water Use:		***Latitude DD:***	43.458339
Total Depth m:	15.2	***Longitude DD:***	-79.752773
Depth Ref:	Ground Surface	***UTM Zone:***	17
Depth Elev:		***Easting:***	600901
Drill Method:	Diamond Drill	***Northing:***	4812470
Orig Ground Elev m:	150	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	153		
Concession:	CON 1 NORTH OF DUNDAS ST		
Location D:	Foundation investigation for a bridge over the Oakville creek, highway No.5, district 4, Ontario		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8502144	***Mat Consistency:***	Soft
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	7.6	***Material Texture:***	
Material Color:	Red-Brown	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Sandy	***Geologic Group:***	
Material 3:	Stones	***Geologic Period:***	
Material 4:	Boulders	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	Overburden; soft, red-brown sandy clay with numerous stones and boulders. Penetration resistance at 5, 10 and 25 ft. depth resp. 23, 15 and 29 blows/ft.		

Geology Stratum ID:	8502146	***Mat Consistency:***	
Top Depth:	10.7	***Material Moisture:***	
Bottom Depth:	15.2	***Material Texture:***	
Material Color:	Red-Brown	***Non Geo Mat Type:***	
Material 1:	Shale	***Geologic Formation:***	
Material 2:	Limestone	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	

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

Gsc Material Description:
Stratum Description: Sound red-brown shale with limestone interbeds up to 3in.

Geology Stratum ID: 8502145
Top Depth: 7.6
Bottom Depth: 10.7
Material Color: Red-Brown
Material 1: Shale
Material 2: Limestone
Material 3:
Material 4:
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Gsc Material Description:
Stratum Description: Badly weathered red-brown and greenish-grey shale. Limestone interbeds up to 2in.

10	1 of 2	W/75.5	153.6 / 4.84	TRANSPORT TRUCK ON DUNDAS ST. NEAR THE 4TH LINE IN PARKING LOT OF FORMER SUNNY'S GAS BAR MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON	SPL

Ref No: 157796
Site No:
Incident Dt: 7/9/1998
Year:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact: Other
Receiving Medium: LAND / WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/9/1998
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: BRINKS - 100 L OF DIESEL FUEL TO PAVEMENT AND STORM SEWER FROM TRUCK.
Contaminant Qty:
Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 14403
Site Lot:
Site Conc:
Northing:
Easting: FIRE & WORKS
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

10	2 of 2	W/75.5	153.6 / 4.84	Canex Freight Systems<UNOFFICIAL> Dundas St at Fourth Line Oakville ON	SPL

Ref No: 8718-A99RA2
Site No: NA
Incident Dt: 2016/04/22
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address: Dundas St at Fourth Line
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Oakville
Site Lot:

Receiving Medium:				**Site Conc:**	
Receiving Env:	Land			**Northing:**	
MOE Response:	No			**Easting:**	
Dt MOE Arvl on Scn:				**Site Geo Ref Accu:**	
MOE Reported Dt:	2016/04/22			**Site Map Datum:**	
Dt Document Closed:				**SAC Action Class:**	Land Spills
Incident Reason:	Other			**Source Type:**	
Site Name:	Roadway<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Canex Freight Systems :~ 500L dsl to rd/ditch				
Contaminant Qty:	500 L				

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12 | **1 of 1** | **W/100.5** | **152.8 / 4.08** | **Whiteoaks Communications Group Limited**
1303 Dundas Street West
Oakville ON L6M 4L8 | **CA**

Certificate #:	6806-6B7RXB
Application Year:	2005
Issue Date:	6/6/2005
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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13 | **1 of 1** | **W/100.5** | **152.8 / 4.08** | **Whiteoaks Communications Group Limited**
1303 Dundas Street West
Oakville ON L6L 7N2 | **ECA**

Approval No:	6806-6B7RXB	**MOE District:**	Halton-Peel
Approval Date:	2005-06-06	**City:**	
Status:	Approved	**Longitude:**	-79.75796
Record Type:	ECA	**Latitude:**	43.460075
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Halton	**Geometry Y:**	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Business Name:	Whiteoaks Communications Group Limited		
Address:	1303 Dundas Street West		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7608-69QSR3-14.pdf		
PDF Site Location:			

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14 | **1 of 1** | **NNW/110.8** | **115.0 / -33.78** | **ON** | **BORE**

Borehole ID:	890611	**Inclin FLG:**	No
OGF ID:	215583531	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	11-MAR-1958	**Municipality:**	
Static Water Level:		**Lot:**	LOT 23
Primary Water Use:		**Township:**	TRAFALGAR

Sec. Water Use:		**Latitude DD:**	43.459029
Total Depth m:	11.6	**Longitude DD:**	-79.751646
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	600991
Drill Method:	Diamond Drill	**Northing:**	4812548
Orig Ground Elev m:	148	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	113		
Concession:	CON 1 NORTH OF DUNDAS ST		
Location D:	Bedrock Investigation at new bridge site, Highway #5 crossing Oakville River.		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8502162	**Mat Consistency:**	Soft
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silty	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	soft silty clay **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8502163	**Mat Consistency:**	
Top Depth:	7	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Red clay till **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8502164	**Mat Consistency:**	
Top Depth:	7	**Material Moisture:**	
Bottom Depth:	11.6	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Sound grey-red shale **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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15 | ***1 of 1*** | ***NNW/115.4*** | ***114.7 / -34.05*** | ***ON*** | ***BORE***

Borehole ID:	890610	**Inclin FLG:**	No
OGF ID:	215583530	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	08-MAR-1958	**Municipality:**	
Static Water Level:		**Lot:**	LOT 23
Primary Water Use:		**Township:**	TRAFALGAR
Sec. Water Use:		**Latitude DD:**	43.459075
Total Depth m:	10.4	**Longitude DD:**	-79.751744
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	600983

Drill Method:	Diamond Drill	**Northing:**	4812553
Orig Ground Elev m:	147	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	113		
Concession:	CON 1 NORTH OF DUNDAS ST		
Location D:	Bedrock Investigation at new bridge site, Highway #5 crossing Oakville River.		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8502161	**Mat Consistency:**	
Top Depth:	10.4	**Material Moisture:**	
Bottom Depth:	6.4	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Sound grey-red shale **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8502160	**Mat Consistency:**	
Top Depth:	3.4	**Material Moisture:**	
Bottom Depth:	6.4	**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Red clay till **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8502159	**Mat Consistency:**	Soft
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	3.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silty	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Soft silty clay **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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16 ***1 of 1*** ***N/117.4*** ***115.0 / -33.78*** ***ON*** ***BORE***

Borehole ID:	626140	**Inclin FLG:**	No
OGF ID:	215526589	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	MAR-1958	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	43.45907
Total Depth m:	-999	**Longitude DD:**	-79.751478
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	601005
Drill Method:	Diamond Drill	**Northing:**	4812553
Orig Ground Elev m:	148	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	115		

Concession:
Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID: 218438977
Top Depth: 3
Bottom Depth: 7
Material Color: Red
Material 1: Till
Material 2: Clay
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: TILL,CLAY. RED.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218438978
Top Depth: 7
Bottom Depth:
Material Color: Grey
Material 1: Shale
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SHALE. GREY,SOUND. P **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218438976
Top Depth: 0
Bottom Depth: 3
Material Color:
Material 1: Clay
Material 2: Silt
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY,SILT. SOFT.

Mat Consistency: Soft
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: H
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: HAM.txt RecordID: 051410 NTS_Sheet: 30M05F
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

17	1 of 1	NNW/130.6	114.7 / -34.10		BORE

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

Borehole ID: 890591
OGF ID: 215583511
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 20-FEB-1957
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 9.4
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Diamond Drill
Orig Ground Elev m: 114
Elev Reliabil Note:
DEM Ground Elev m: 113
Concession: CON 1 NORTH OF DUNDAS ST
Location D: Foundation investigation for a bridge over the Oakville creek, highway No.5, district 4, Ontario
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: LOT 23
Township: TRAFALGAR
Latitude DD: 43.459211
Longitude DD: -79.75184
UTM Zone: 17
Easting: 600975
Northing: 4812568
Location Accuracy:
Accuracy: Within 10 metres

Borehole Geology Stratum

Geology Stratum ID: 8502099
Top Depth: 1.1
Bottom Depth: 3.4
Material Color: Red
Material 1: Shale
Material 2: Limestone
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: Very badly weathered red shale. Fairly sound red-brown and greenish grey shale and some limestone layers up to 2in.. Mud - 10 seams at 9 ft. depth **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 8502098
Top Depth: 0
Bottom Depth: 1.1
Material Color: Red-Brown
Material 1: Clay
Material 2: Sandy
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: Overburden; soft, sandy red-brown clay.

Mat Consistency: Soft
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 8502100
Top Depth: 3.4
Bottom Depth: 9.4
Material Color: Red-Brown
Material 1: Shale
Material 2: Limestone
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: Reasonable sound red-brown and greenish-grey shale layers and some limestone layers up to 3in.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

18	1 of 1	NNW/135.7	114.9 / -33.85	ON	BORE

Borehole ID: 626139
Inclin FLG: No

OGF ID:	215526588	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	MAR-1958	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:	Not Used	***Township:***	
Sec. Water Use:		***Latitude DD:***	43.459251
Total Depth m:	-999	***Longitude DD:***	-79.751597
Depth Ref:	Ground Surface	***UTM Zone:***	17
Depth Elev:		***Easting:***	600995
Drill Method:	Diamond Drill	***Northing:***	4812573
Orig Ground Elev m:	147	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	115		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218438973	***Mat Consistency:***	Soft
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	3.4	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY,SILT. SOFT.		

Geology Stratum ID:	218438975	***Mat Consistency:***	
Top Depth:	6.4	***Material Moisture:***	
Bottom Depth:		***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Shale	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SHALE. GREY,SOUND. P **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218438974	***Mat Consistency:***	
Top Depth:	3.4	***Material Moisture:***	
Bottom Depth:	6.4	***Material Texture:***	
Material Color:	Red	***Non Geo Mat Type:***	
Material 1:	Till	***Geologic Formation:***	
Material 2:	Clay	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	TILL,CLAY. RED.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:	H	***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		

Source Details: File: HAM.txt RecordID: 051400 NTS_Sheet: 30M05F
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada
Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

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19 **1 of 1** **NNW/149.8** **114.9 / -33.83** **ON** **BORE**

Borehole ID: 890592
OGF ID: 215583512
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 20-FEB-1957
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 9.4
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Diamond Drill
Orig Ground Elev m: 117
Elev Reliabil Note:
DEM Ground Elev m: 113
Concession: CON 1 NORTH OF DUNDAS ST
Location D: Foundation investigation for a bridge over the Oakville creek, highway No.5, district 4, Ontario
Survey D:
Comments:
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: LOT 23
Township: TRAFALGAR
Latitude DD: 43.459375
Longitude DD: -79.751997
UTM Zone: 17
Easting: 600962
Northing: 4812586
Location Accuracy:
Accuracy: Within 10 metres

Borehole Geology Stratum

Geology Stratum ID: 8502103
Top Depth: 4.7
Bottom Depth: 9.4
Material Color: Red-Brown
Material 1: Shale
Material 2: Limestone
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: Reasonably sound, red-brown and greenish-grey shale layers and some limestone layers up to 3in.
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 8502101
Top Depth: 0
Bottom Depth: 1.2
Material Color: Red-Brown
Material 1: Clay
Material 2: Sandy
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: Overburden, soft, sandy red-brown clay.
Mat Consistency: Soft
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 8502102
Top Depth: 1.2
Bottom Depth: 4.7
Mat Consistency:
Material Moisture:
Material Texture:

Material Color:		**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Very badly weathered red shale. Fairly sound red-brown and greenish-grey shale layers and some limestone layers up to 3in.. Mud-seams at 9 ft. and between 11 and 15 ft.		

20 | ***1 of 1*** | ***N/162.5*** | ***116.9 / -31.89*** | ***Dundas St W Oakville ON*** | ***EHS***

Order No:	20080703006	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	7/11/2008	**Search Radius (km):**	1.5
Date Received:	7/3/2008	**X:**	-79.751528
Previous Site Name:		**Y:**	43.459488
Lot/Building Size:			
Additional Info Ordered:			

21 | ***1 of 1*** | ***N/163.4*** | ***118.4 / -30.31*** | ***ON*** | ***BORE***

Borehole ID:	626137	**Inclin FLG:**	No
OGF ID:	215526586	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	FEB-1958	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	43.459426
Total Depth m:	-999	**Longitude DD:**	-79.751099
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	601035
Drill Method:	Diamond Drill	**Northing:**	4812593
Orig Ground Elev m:	148	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	116		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218438966	**Mat Consistency:**	
Top Depth:	8.1	**Material Moisture:**	
Bottom Depth:	9	**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SHALE. WEATHERED.		

Geology Stratum ID:	218438968	**Mat Consistency:**	
Top Depth:	9.8	**Material Moisture:**	
Bottom Depth:	10.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	

Material 1:	Peat	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	peat
Gsc Material Description:			
Stratum Description:	PEAT.		

Geology Stratum ID:	218438969	**Mat Consistency:**	
Top Depth:	10.1	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SHALE. GREY,SOUND.		

Geology Stratum ID:	218438965	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	8.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	TILL,CLAY,GRAVEL.		

Geology Stratum ID:	218438967	**Mat Consistency:**	
Top Depth:	9	**Material Moisture:**	
Bottom Depth:	9.8	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SHALE. GREY,SOUND.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: HAM.txt RecordID: 051380 NTS_Sheet: 30M05F		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

22	1 of 1	N/166.6	118.1 / -30.62	ON	BORE

Borehole ID:	890608	***Inclin FLG:***	No
OGF ID:	215583528	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	24-FEB-1958	***Municipality:***	
Static Water Level:		***Lot:***	LOT 22
Primary Water Use:		***Township:***	TRAFALGAR
Sec. Water Use:		***Latitude DD:***	43.459493
Total Depth m:	12.8	***Longitude DD:***	-79.75129
Depth Ref:	Ground Surface	***UTM Zone:***	17
Depth Elev:		***Easting:***	601019
Drill Method:	Diamond Drill	***Northing:***	4812600
Orig Ground Elev m:	148	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	114		

Concession: CON 1 NORTH OF DUNDAS ST
Location D: Bedrock Investigation at new bridge site, Highway #5 crossing Oakville River.
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	8502151	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	8.2	***Material Texture:***	
Material Color:	Red	***Non Geo Mat Type:***	
Material 1:	Till	***Geologic Formation:***	
Material 2:	Clay	***Geologic Group:***	
Material 3:	Gravelly	***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: red clay till gravely **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	8502154	***Mat Consistency:***	
Top Depth:	9.8	***Material Moisture:***	
Bottom Depth:	10.1	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:		***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: Possibly mud-seam **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	8502155	***Mat Consistency:***	
Top Depth:	10.1	***Material Moisture:***	
Bottom Depth:	12.8	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Shale	***Geologic Formation:***	
Material 2:	Limestone	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: Sound grey-red shale. Limestone interbed @ Elev. 449.0 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	8502153	***Mat Consistency:***	
Top Depth:	9	***Material Moisture:***	
Bottom Depth:	9.8	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Shale	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: Sound grey-red shale **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 8502152
Top Depth: 8.2
Bottom Depth: 9
Material Color:
Material 1: Shale
Material 2:
Material 3:
Material 4:
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Gsc Material Description:
Stratum Description: Weathered or fragmented shale **Note: Many records provided by the department have a truncated [Stratum Description] field.

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23 | **1 of 1** | **N/169.7** | **118.2 / -30.60** | **ON** | **BORE**

Borehole ID: 890609
OGF ID: 215583529
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 01-MAR-1958
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 12.8
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Diamond Drill
Orig Ground Elev m: 148
Elev Reliabil Note:
DEM Ground Elev m: 113
Concession: CON 1 NORTH OF DUNDAS ST
Location D: Bedrock Investigation at new bridge site, Highway #5 crossing Oakville River.
Survey D:
Comments:
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: LOT 22
Township: TRAFALGAR
Latitude DD: 43.459539
Longitude DD: -79.751401
UTM Zone: 17
Easting: 601010
Northing: 4812605
Location Accuracy:
Accuracy: Within 10 metres

Borehole Geology Stratum

Geology Stratum ID: 8502157
Top Depth: 8.2
Bottom Depth: 9.3
Material Color:
Material 1: Shale
Material 2:
Material 3:
Material 4:
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Gsc Material Description:
Stratum Description: Weathered or fragmented shale **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 8502158
Top Depth: 9.3
Bottom Depth: 12.8
Material Color: Grey
Material 1: Shale
Material 2:
Material 3:
Material 4:
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Gsc Material Description:
Stratum Description: Sound grey-red shale **Note: Many records provided by the department have a truncated [Stratum Description]

field.

Geology Stratum ID:	8502156	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	8.2	**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Gravelly	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Red clay till gravely **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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24 **1 of 1** **N/175.6** **118.2 / -30.60** **ON** **BORE**

Borehole ID:	890594	**Inclin FLG:**	No
OGF ID:	215583514	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	20-FEB-1957	**Municipality:**	
Static Water Level:		**Lot:**	LOT 22
Primary Water Use:		**Township:**	TRAFALGAR
Sec. Water Use:		**Latitude DD:**	43.459593
Total Depth m:	12.5	**Longitude DD:**	-79.7514
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	601010
Drill Method:	Diamond Drill	**Northing:**	4812611
Orig Ground Elev m:	117	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	114		
Concession:	CON 1 NORTH OF DUNDAS ST		
Location D:	Foundation investigation for a bridge over the Oakville creek, highway No.5, district 4, Ontario		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8502108	**Mat Consistency:**	Soft
Top Depth:	5.5	**Material Moisture:**	
Bottom Depth:	5.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	soft, badly weathered limestone and shale layers.		

Geology Stratum ID:	8502107	**Mat Consistency:**	Soft
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	5.5	**Material Texture:**	
Material Color:	Red-Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Sandy	**Geologic Group:**	
Material 3:	Roots	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Overburden; soft, sandy red-brown clay. Some decayed roots in top 2 ft.		

Geology Stratum ID:	8502109	**Mat Consistency:**	Soft
Top Depth:	5.9	**Material Moisture:**	
Bottom Depth:	7.9	**Material Texture:**	

Material Color:	Red-Brown	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: Soft, fairly sound, red-brown and greenish-grey shale with limestone interbeds **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	8502110	**Mat Consistency:**	
Top Depth:	7.9	**Material Moisture:**	
Bottom Depth:	12.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:		**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: Mud-seams from 19.2-19.6 ft. and from 21-22ft **Note: Many records provided by the department have a truncated [Stratum Description] field.

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25 **1 of 1** **N/180.2** **119.6 / -29.16** **ON** **BORE**

Borehole ID:	626138	**Inclin FLG:**	No
OGF ID:	215526587	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	MAR-1958	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:	Not Used	**Township:**	
Sec. Water Use:		**Latitude DD:**	43.459607
Total Depth m:	-999	**Longitude DD:**	-79.751219
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	601025
Drill Method:	Diamond Drill	**Northing:**	4812613
Orig Ground Elev m:	148	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	116		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218438972	**Mat Consistency:**	
Top Depth:	9.3	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: SHALE. SOUND. P **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	218438971	**Mat Consistency:**	
Top Depth:	8.1	**Material Moisture:**	
Bottom Depth:	9.3	**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:		**Geologic Group:**	

Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: SHALE. WEATHERED.

Geology Stratum ID: 218438970 ***Mat Consistency:***
Top Depth: 0 ***Material Moisture:***
Bottom Depth: 8.1 ***Material Texture:***
Material Color: ***Non Geo Mat Type:***
Material 1: Till ***Geologic Formation:***
Material 2: Clay ***Geologic Group:***
Material 3: Gravel ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: TILL,CLAY,GRAVEL.

Source

Source Type: Data Survey ***Source Appl:*** Spatial/Tabular
Source Orig: Geological Survey of Canada ***Source Iden:*** 1
Source Date: 1956-1972 ***Scale or Res:*** Varies
Confidence: H ***Horizontal:*** NAD27
Observatio: ***Verticalda:*** Mean Average Sea Level
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: HAM.txt RecordID: 051390 NTS_Sheet: 30M05F
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier: 1 ***Horizontal Datum:*** NAD27
Source Type: Data Survey ***Vertical Datum:*** Mean Average Sea Level
Source Date: 1956-1972 ***Projection Name:*** Universal Transverse Mercator
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

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26 ***1 of 1*** ***N/186.6*** ***118.7 / -30.08*** ***ON*** ***BORE***

Borehole ID: 890593 ***Inclin FLG:*** No
OGF ID: 215583513 ***SP Status:*** Initial Entry
Status: Decommissioned ***Surv Elev:*** No
Type: Borehole ***Piezometer:*** No
Use: Geotechnical/Geological Investigation ***Primary Name:***
Completion Date: 20-FEB-1957 ***Municipality:***
Static Water Level: ***Lot:*** LOT 22
Primary Water Use: ***Township:*** TRAFALGAR
Sec. Water Use: ***Latitude DD:*** 43.459713
Total Depth m: 11 ***Longitude DD:*** -79.751632
Depth Ref: Ground Surface ***UTM Zone:*** 17
Depth Elev: ***Easting:*** 600991
Drill Method: Diamond Drill ***Northing:*** 4812624
Orig Ground Elev m: 114 ***Location Accuracy:***
Elev Reliabil Note: ***Accuracy:*** Within 10 metres
DEM Ground Elev m: 114
Concession: CON 1 NORTH OF DUNDAS ST
Location D: Foundation investigation for a bridge over the Oakville creek, highway No.5, district 4, Ontario
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	8502104	**Mat Consistency:**	Soft
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.2	**Material Texture:**	
Material Color:	Red-Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Sandy	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Overburden; soft , sandy red-brown clay.		

Geology Stratum ID:	8502105	**Mat Consistency:**	
Top Depth:	1.2	**Material Moisture:**	
Bottom Depth:	5.2	**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Very badly weathered red shale. Fairly sound, red-brown and greenish grey shale layers and some limestone layers up to 2in. Mud-seams at 11'6in. and 15 ft.		

Geology Stratum ID:	8502106	**Mat Consistency:**	
Top Depth:	5.2	**Material Moisture:**	
Bottom Depth:	11	**Material Texture:**	
Material Color:	Red-Brown	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Reasonable sound, red-brown and greenish-grey shale layers and some limestone layers up to2in.		

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27 | ***1 of 1*** | ***WSW/194.6*** | ***154.4 / 5.65*** | ***WOODEN HILL CIRCLE OAKVILLE ON*** | ***WWIS***

Well ID:	2810195	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	4/4/2005
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	6809
Casing Material:		**Form Version:**	3
Audit No:	Z11243	**Owner:**	
Tag:	A011177	**Street Name:**	WOODEN HILL CIRCLE
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/281\2810195.pdf

Additional Detail(s) (Map)

Well Completed Date:	2005/03/23
Year Completed:	2005

Depth (m):
Latitude: 43.4555579446319
Longitude: -79.7545849914048
Path: 281\2810195.pdf

Bore Hole Information

Bore Hole ID:	11319150	***Elevation:***	155.162475
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	o	***East83:***	600759.00
Code OB Desc:	Overburden	***North83:***	4812159.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	23-Mar-2005 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr

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

Overburden and Bedrock Materials Interval

Formation ID: 933007220
Layer: 1
Color:
General Color:
Mat1: 23
Most Common Material: PREVIOUSLY DUG
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth:
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933266954
Layer: 1
Plug From: 20
Plug To: 10
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933266953
Layer: 2
Plug From: 10
Plug To: 0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962810195

Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11334005
Casing No: 1
Comment:
Alt Name:

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28 | **1 of 1** | **N/221.2** | **130.6 / -18.17** | **lot 23 con 1 ON** | **WWIS**

Well ID: 2803730
Construction Date:
Primary Water Use: Not Used
Sec. Water Use: 0
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/25/1972
Selected Flag: True
Abandonment Rec:
Contractor: 9999
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 023
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2803730.pdf

Additional Detail(s) (Map)

Well Completed Date: 1971/08/30
Year Completed: 1971
Depth (m): 15.5448
Latitude: 43.4599681651019
Longitude: -79.7511124548065
Path: 280\2803730.pdf

Bore Hole Information

Bore Hole ID: 10150262
DP2BR: 10.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 30-Aug-1971 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Elevation: 121.009132
Elevrc:
Zone: 17
East83: 601032.60
North83: 4812653.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931433019
Layer:	2
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931433020
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	51.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931433018
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:	2.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933139604
Layer:	1
Plug From:	22
Plug To:	42
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962803730
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	10698832
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930255531
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	48
Casing Diameter:	1
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930255530
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	18
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933338824
Layer:	1
Slot:	
Screen Top Depth:	48
Screen End Depth:	50
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.5

Results of Well Yield Testing

Pump Test ID:	992803730
Pump Set At:	
Static Level:	17.0
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:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

29 | ***1 of 1*** | ***N/226.4*** | ***132.9 / -15.86*** | ***ON*** | ***BORE***

Borehole ID:	890596	**Inclin FLG:**	No
OGF ID:	215583516	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	20-FEB-1957	**Municipality:**	
Static Water Level:		**Lot:**	LOT 22
Primary Water Use:		**Township:**	TRAFALGAR
Sec. Water Use:		**Latitude DD:**	43.459984
Total Depth m:	10.4	**Longitude DD:**	-79.750946
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	601046
Drill Method:	Diamond Drill	**Northing:**	4812655
Orig Ground Elev m:	115	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	123		
Concession:	CON 1 NORTH OF DUNDAS ST		
Location D:	Foundation investigation for a bridge over the Oakville creek, highway No.5, district 4, Ontario		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8502115	**Mat Consistency:**	Very Soft
Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	3.9	**Material Texture:**	
Material Color:	Red-Brown	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Very soft, badly weathered red-brown shale with limestone interbeds up to 2in.		

Geology Stratum ID:	8502116	**Mat Consistency:**	
Top Depth:	3.9	**Material Moisture:**	
Bottom Depth:	10.4	**Material Texture:**	
Material Color:	Red-Brown	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Reasonably sound, red-brown and greenish-grey shale with limestone interbeds up to 3in.. Probably mud-seams at 19.7ft.		

Geology Stratum ID:	8502114	**Mat Consistency:**	Soft
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.3	**Material Texture:**	
Material Color:	Red-Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Sandy	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	

Material 4: Roots
Depositional Gen:
Gsc Material Description:
Stratum Description: Overburden; soft, sandy red-brown clay with red shale fragments. Some partly decayed roots in top 2 ft.

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30 | 1 of 1 | N/229.4 | 132.6 / -16.13 | lot 23 con 1 ON | WWIS

Well ID: 2803413
Construction Date:
Primary Water Use: Not Used
Sec. Water Use: 0
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/14/1970
Selected Flag: True
Abandonment Rec:
Contractor: 3903
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 023
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2803413.pdf

Additional Detail(s) (Map)

Well Completed Date: 1970/02/25
Year Completed: 1970
Depth (m): 15.24
Latitude: 43.4600592672159
Longitude: -79.7512094685173
Path: 280\2803413.pdf

Bore Hole Information

Bore Hole ID: 10149954
DP2BR: 12.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 25-Feb-1970 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 121.970565
Elevrc:
Zone: 17
East83: 601024.60
North83: 4812663.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931431926
Layer: 3

Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931431924
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:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931431925
Layer:	2
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962803413
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10698524
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID: 930255023
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 7
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930255024
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 46
Casing Diameter: 1
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930255025
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 50
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933338809
Layer: 1
Slot:
Screen Top Depth: 46
Screen End Depth: 48
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Results of Well Yield Testing

Pump Test ID: 992803413
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 39.0
Recommended Pump Depth:
Pumping Rate: 21.0
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: 2

Pumping Duration HR: 0
Pumping Duration MIN: 4
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934450604
Test Type: Recovery
Test Duration: 30
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934709808
Test Type: Recovery
Test Duration: 45
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934969700
Test Type: Recovery
Test Duration: 60
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934166656
Test Type: Recovery
Test Duration: 15
Test Level: 13.0
Test Level UOM: ft

Water Details

Water ID: 933605820
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 17.0
Water Found Depth UOM: ft

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31 | ***1 of 1*** | ***W/229.8*** | ***154.8 / 6.07*** | ***1359 DUNDAS ST. W. OAKVILLE ON*** | ***WWIS***

Well ID: 7266230
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z226669
Tag: A187595
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:

Data Entry Status:
Data Src:
Date Received: 7/11/2016
Selected Flag: True
Abandonment Rec:
Contractor: 7247
Form Version: 7
Owner:
Street Name: 1359 DUNDAS ST. W.
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7266230.pdf

Additional Detail(s) (Map)

Well Completed Date:	2016/04/12
Year Completed:	2016
Depth (m):	3.048
Latitude:	43.4561289998417
Longitude:	-79.7557598629441
Path:	726\7266230.pdf

Bore Hole Information

Bore Hole ID:	1006123033	**Elevation:**	154.957305
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	600663.00
Code OB Desc:		**North83:**	4812221.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	12-Apr-2016 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006137540
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006137541
Layer:	2
Color:	4
General Color:	GREEN
Mat1:	06

Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006137549
Layer:	1
Plug From:	0
Plug To:	3
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006137548
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1006137539
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006137545
Layer:	1
Slot:	10
Screen Top Depth:	3
Screen End Depth:	10
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.125

Water Details

Water ID:	1006137543
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	3.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006137542
Diameter:	8.25
Depth From:	0.0
Depth To:	10.0
Hole Depth UOM:	ft

Hole Diameter UOM: inch

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32 **1 of 1** **N/234.9** **137.3 / -11.47** **ON** **BORE**

Borehole ID:	890595	**Inclin FLG:**	No
OGF ID:	215583515	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	20-FEB-1957	**Municipality:**	
Static Water Level:		**Lot:**	LOT 22
Primary Water Use:		**Township:**	TRAFALGAR
Sec. Water Use:		**Latitude DD:**	43.460104
Total Depth m:	10.7	**Longitude DD:**	-79.751167
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	601028
Drill Method:	Diamond Drill	**Northing:**	4812668
Orig Ground Elev m:	116	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	124		

Concession: CON 1 NORTH OF DUNDAS ST
Location D: Foundation investigation for a bridge over the Oakville creek, highway No.5, district 4, Ontario
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	8502113	**Mat Consistency:**	
Top Depth:	3.7	**Material Moisture:**	
Bottom Depth:	10.7	**Material Texture:**	
Material Color:	Red-Brown	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: Reasonably sound red-brown and greenish-grey shale with few limestone interbeds. Mud-seam at 15 ft.

Geology Stratum ID:	8502111	**Mat Consistency:**	Soft
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.1	**Material Texture:**	
Material Color:	Red-Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:	Roots	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: Overburden; soft red-brown clay with red shale fragments. Some partly decayed roots in top 2 ft.

Geology Stratum ID:	8502112	**Mat Consistency:**	
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:	3.7	**Material Texture:**	
Material Color:	Red-Brown	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: Reasonable sound red-brown shale with limestone interbeds up to 2in.. Mud-seams at 11ft.

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33 **1 of 1** **W/274.3** **155.9 / 7.15** **lot 24 con 1** **ON** **WWIS**

Well ID:	2803683	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/10/1972
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1815
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:**	024
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\2803683.pdf

Additional Detail(s) (Map)

Well Completed Date:	1971/11/17
Year Completed:	1971
Depth (m):	18.288
Latitude:	43.4564249231258
Longitude:	-79.7564756420939
Path:	280\2803683.pdf

Bore Hole Information

Bore Hole ID:	10150216	**Elevation:**	155.612731
DP2BR:	10.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	600604.60
Code OB Desc:	Bedrock	**North83:**	4812253.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	17-Nov-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:	931432868
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931432867
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: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931432866
Layer: 1
Color: 6
General Color: BROWN
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

Method of Construction & Well Use

Method Construction ID: 962803683
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10698786
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930255454
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 12

Casing Diameter: 7
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930255455
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992803683
Pump Set At:
Static Level: 48.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 55.0
Pumping Rate: 0.0
Flowing Rate:
Recommended Pump Rate: 0.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934451207
Test Type: Draw Down
Test Duration: 30
Test Level: 55.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934176577
Test Type: Draw Down
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933606199
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.0
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	1 of 1	N/278.7	150.0 / 1.23	ON	BORE

Borehole ID:	890598	**Inclin FLG:**	No
OGF ID:	215583518	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	20-FEB-1957	**Municipality:**	
Static Water Level:		**Lot:**	LOT 22
Primary Water Use:		**Township:**	TRAFALGAR
Sec. Water Use:		**Latitude DD:**	43.460385
Total Depth m:	13.1	**Longitude DD:**	-79.750506
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	601081
Drill Method:	Diamond Drill	**Northing:**	4812700
Orig Ground Elev m:	116	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	146		
Concession:	CON 1 NORTH OF DUNDAS ST		
Location D:	Foundation investigation for a bridge over the Oakville creek, highway No.5, district 4, Ontario		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8502122	**Mat Consistency:**	Soft
Top Depth:	1.8	**Material Moisture:**	
Bottom Depth:	7.3	**Material Texture:**	
Material Color:	Red-Brown	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Very soft, badly weathered red-brown shale. Mud-seams noted at 13ft. And 19 ft.		

Geology Stratum ID:	8502123	**Mat Consistency:**	
Top Depth:	7.3	**Material Moisture:**	
Bottom Depth:	13.1	**Material Texture:**	
Material Color:	Red-Brown	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Reasonably sound, red-brown and greenish-grey shale with limestone interbeds up to 3in.		

Geology Stratum ID:	8502121	**Mat Consistency:**	Soft
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.8	**Material Texture:**	
Material Color:	Red-Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Sandy	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	
Material 4:	Limestone	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Overburden; soft, sandy red-brown clay with shale fragments and limestone boulders **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
35	1 of 5	WSW/285.3	154.6 / 5.84	SUNNY'S PETROLEUM SUNYS GAS BAR AT 1357 DUNDAS ST. W. SERVICE CENTRE OAKVILLE TOWN ON L6M 4L8	SPL

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

Ref No:	119160	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	9/30/1995	**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:**	F.D., WORKS
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	9/30/1995	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	ERROR	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SUNNY'S GAS BAR: 42 L OF DIESEL TO GROUND & STORM SEWER,WORKS,F.D.,CLEANED.		
Contaminant Qty:			

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35 **2 of 5** **WSW/285.3** **154.6 / 5.84**

SUNYS PETROLEUM INC
1357 DUNDAS ST W
OAKVILLE ON L6J4Z2

PRT

Location ID:	10347
Type:	retail
Expiry Date:	1995-12-31
Capacity (L):	68100
Licence #:	0052754001

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35 **3 of 5** **WSW/285.3** **154.6 / 5.84**

Graydon Banning Limited
1357 Dundas Street W.
Oakville ON L6M 4L8

GEN

Generator No:	ON9052218	**PO Box No:**	
Status:		**Country:**	
Approval Years:	02,03,04	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	221
Waste Class Desc:	LIGHT FUELS

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35 **4 of 5** **WSW/285.3** **154.6 / 5.84**

Graydon Banning Ltd.
1357 DUNDAS ST., OAKVILLE, ON, L6M 4L8
OAKVILLE ON L6M 4L8

RSC

RSC ID:	26909	**Cert Date:**	17-Aug-06
RA No:		**Cert Prop Use No:**	No CPU
RSC Type:		**Intended Prop Use:**	Residential

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

Curr Property Use:	Institutional	**Qual Person Name:**	Gary Gregoris
Ministry District:	OAKVILLE	**Stratified (Y/N):**	
Filing Date:	18-Jul-07	**Audit (Y/N):**	
Date Ack:		**Entire Leg Prop. (Y/N):**	No
Date Returned:		**Accuracy Estimate:**	101 to 200 meters
Restoration Type:		**Telephone:**	905-8297895
Soil Type:		**Fax:**	905-8297844
Criteria:		**Email:**	gary.gregoris@mattamycorp.com
CPU Issued Sect 1686:	No		
Asmt Roll No:			
Prop ID No (PIN):	24928-0152(LT)		
Property Municipal Address:	1357 DUNDAS ST., OAKVILLE, ON, L6M 4L8		
Mailing Address:	2360 BRISTOL CIR, OAKVILLE, ON, L6H 6M5		
Latitude & Latitude:	43.45719530N 79.75528070W (converted from UTM)		
UTM Coordinates:	NAD83 17-600700-4812340		
Consultant:			
Legal Desc:	Part of Lots 24 and 25, Concession 1, North of Dundas Street, being Parts 2, 3, 4, 5, 6, on Reference Plan 20R-12680, Town of Oakville Regional Municipality of Halton. RSC applies to Block 51 as illustrated on the Draft Plan of Subdivision 24T- , Part of Lots 24 & 25 Concession 1, N.D.S., Town of Oakville, Regional Municipality of Halton, by Rady-Pentek & Edwards Surveying Ltd. March 10, 2005		
Measurement Method:	Digitized from a map		
Applicable Standards:	ESA Phase 1		
RSC PDF:			

35	*5 of 5*	***WSW/285.3***	***154.6 / 5.84***	***Graydon Banning Ltd.*** ***1357 Dundas Street West, Oakville, Ontario L6M 4L8*** ***Oakville ON L6M 4L8***	***RSC***

RSC ID:	9506	**Cert Date:**	4-Dec-06
RA No:		**Cert Prop Use No:**	No CPU
RSC Type:		**Intended Prop Use:**	Residential
Curr Property Use:	Agriculture/Other	**Qual Person Name:**	Gary Gregoris
Ministry District:	OAKVILLE	**Stratified (Y/N):**	
Filing Date:	23-Mar-07	**Audit (Y/N):**	
Date Ack:		**Entire Leg Prop. (Y/N):**	No
Date Returned:		**Accuracy Estimate:**	101 to 200 meters
Restoration Type:		**Telephone:**	905-8297895
Soil Type:		**Fax:**	905-8297844
Criteria:		**Email:**	gary.gregoris@mattamycorp.com
CPU Issued Sect 1686:	No		
Asmt Roll No:			
Prop ID No (PIN):	24928-0152(LT)		
Property Municipal Address:	1357 Dundas Street West, Oakville, Ontario L6M 4L8		
Mailing Address:	2360 Bristol Circle, Oakville, Ontario L6H 6M5		
Latitude & Latitude:	43.45719530N 79.75528070W (converted from UTM)		
UTM Coordinates:	NAD83 17-600700-4812340		
Consultant:			
Legal Desc:	Part of Lots 24 and 25, Concession 1, North of Dundas Street, being Parts 2, 3, 4, 5, 6, on Reference Plan 20R-12680, Town of Oakville, Regional Municipality of Halton. RSC applies to Blocks 1 to 26 incl., 34 to 43 incl, 46, and 49; and Streets A to K incl. as illustrated on the Draft Plan of Subdivision 24T- , Part of Lots 24 & 25 Concession 1, N.D.S., Town of Oakville, Regional Municipality of Halton, by Rady-Pentek & Edwards Surveying Ltd. March 10, 2005.		
Measurement Method:	Digitized from a map		
Applicable Standards:	Full Depth Site Conditions Standard, with Potable Ground Water, Medium/Fine Textured Soil, for Residential/Parkland/Institutional property use		
RSC PDF:			

36	*1 of 10*	***WSW/285.3***	***154.6 / 5.84***	***Graydon Banning Ltd.*** ***1357 DUNDAS ST., OAKVILLE, ON, L6M 4L8 ON***	***RSC***

RSC ID:	26906	**Cert Date:**	17-Aug-06

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

RA No:		**Cert Prop Use No:**	No CPU
RSC Type:		**Intended Prop Use:**	Residential
Curr Property Use:	Institutional	**Qual Person Name:**	Gary Gregoris
Ministry District:	OAKVILLE	**Stratified (Y/N):**	
Filing Date:	18-Jul-07	**Audit (Y/N):**	
Date Ack:		**Entire Leg Prop. (Y/N):**	No
Date Returned:		**Accuracy Estimate:**	101 to 200 meters
Restoration Type:		**Telephone:**	905-8297895
Soil Type:		**Fax:**	905-8297844
Criteria:		**Email:**	gary.gregoris@mattamycorp.com
CPU Issued Sect 1686:	No		
Asmt Roll No:			
Prop ID No (PIN):	24928-0152(LT)		
Property Municipal Address:	1357 DUNDAS ST., OAKVILLE, ON, L6M 4L8		
Mailing Address:	2360 BRISTOL CIR, OAKVILLE, ON, L6H 6M5		
Latitude & Latitude:	43.45719530N 79.75528070W (converted from UTM)		
UTM Coordinates:	NAD83 17-600700-4812340		
Consultant:			
Legal Desc:	Part of Lots 24 and 25, Concession 1, North of Dundas Street, being Parts 2, 3, 4, 5, 6, on Reference Plan 20R-12680, Town of Oakville Regional Municipality of Halton. RSC applies to Blocks 27, 44, 45, 47, and 48 ; Street AA; and ST. L. as illustrated on the Draft Plan of Subdivision 24T- , Part of Lots 24 & 25 Concession 1, N.D.S., Town of Oakville, Regional Municipality of Halton, by Rady-Pentek & Edwards Surveying Ltd. March 10, 2005		
Measurement Method:	Digitized from a map		
Applicable Standards:	Background Site Conditions Standard, with Potable Ground Water, Medium/Fine Textured Soil, for Residential/Parkland/Institutional property use		
RSC PDF:			

36	2 of 10	WSW/285.3	154.6 / 5.84	**SUNYS PETROLEUM INC** **1357 DUNDAS ST W** **OAKVILLE ON**	DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	9743565	**Expired Date:**	
Status:	EXPIRED	**Max Hazard Rank:**	
Instance ID:	389592	**Facility Location:**	
Instance Type:	FS Facility	**Facility Type:**	
Instance Creation Dt:		**Fuel Type 2:**	
Instance Install Dt:		**Fuel Type 3:**	
Item Description:		**Panam Related:**	
Manufacturer:		**Panam Venue Nm:**	
Model:		**External Identifier:**	
Serial No:		**Item:**	
ULC Standard:		**Piping Steel:**	
Quantity:		**Piping Galvanized:**	
Unit of Measure:		**Tank Single Wall St:**	
Overfill Prot Type:		**Piping Underground:**	
Creation Date:		**Tank Underground:**	
Next Periodic Str DT:		**Source:**	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS Gasoline Station - Full Serve		
Original Source:	EXP		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Record Date:		Up to Mar 2012			

36	3 of 10	WSW/285.3	154.6 / 5.84	SUNYS PETROLEUM INC 1357 DUNDAS ST W OAKVILLE ON	DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	10886649	**Expired Date:**	
Status:	EXPIRED	**Max Hazard Rank:**	
Instance ID:	49414	**Facility Location:**	
Instance Type:	FS Piping	**Facility Type:**	
Instance Creation Dt:		**Fuel Type 2:**	
Instance Install Dt:		**Fuel Type 3:**	
Item Description:		**Panam Related:**	
Manufacturer:		**Panam Venue Nm:**	
Model:		**External Identifier:**	
Serial No:		**Item:**	
ULC Standard:		**Piping Steel:**	
Quantity:		**Piping Galvanized:**	
Unit of Measure:		**Tank Single Wall St:**	
Overfill Prot Type:		**Piping Underground:**	
Creation Date:		**Tank Underground:**	
Next Periodic Str DT:		**Source:**	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS Piping		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

36	4 of 10	WSW/285.3	154.6 / 5.84	SUNYS PETROLEUM INC 1357 DUNDAS ST W OAKVILLE ON	DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	10886640	**Expired Date:**	
Status:	EXPIRED	**Max Hazard Rank:**	
Instance ID:	49536	**Facility Location:**	
Instance Type:	FS Piping	**Facility Type:**	
Instance Creation Dt:		**Fuel Type 2:**	
Instance Install Dt:		**Fuel Type 3:**	
Item Description:		**Panam Related:**	
Manufacturer:		**Panam Venue Nm:**	
Model:		**External Identifier:**	
Serial No:		**Item:**	
ULC Standard:		**Piping Steel:**	
Quantity:		**Piping Galvanized:**	
Unit of Measure:		**Tank Single Wall St:**	
Overfill Prot Type:		**Piping Underground:**	
Creation Date:		**Tank Underground:**	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Next Periodic Str DT:				**Source:**	
TSSA Base Sched Cycle 2:					
TSSAMax Hazard Rank 1:					
TSSA Risk Based Periodic Yn:					
TSSA Volume of Directives:					
TSSA Periodic Exempt:					
TSSA Statutory Interval:					
TSSA Recd Insp Interva:					
TSSA Recd Tolerance:					
TSSA Program Area:					
TSSA Program Area 2:					
Description:		FS Piping			
Original Source:		EXP			
Record Date:		Up to Mar 2012			
36	5 of 10	WSW/285.3	154.6 / 5.84	**SUNYS PETROLEUM INC** **1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA** **ON**	DTNK
36	6 of 10	WSW/285.3	154.6 / 5.84	**SUNYS PETROLEUM INC** **1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA** **ON**	DTNK
36	7 of 10	WSW/285.3	154.6 / 5.84	**SUNYS PETROLEUM INC** **1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA** **ON**	DTNK
36	8 of 10	WSW/285.3	154.6 / 5.84	**SUNYS PETROLEUM INC** **1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA** **ON**	FST

Instance No:	10886625	**Manufacturer:**	
Status:		**Serial No:**	
Cont Name:		**Ulc Standard:**	
Instance Type:		**Quantity:**	
Item:	FS LIQUID FUEL TANK	**Unit of Measure:**	
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Gasoline
Tank Type:	Liquid Fuel Single Wall UST	**Fuel Type2:**	NULL
Install Date:	3/3/2000	**Fuel Type3:**	NULL
Install Year:	1984	**Piping Steel:**	
Years in Service:		**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	22700	**Num Underground:**	
Tank Material:	Steel	**Panam Related:**	
Corrosion Protect:		**Panam Venue:**	
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type:
Facility Location:
Device Installed Location: 1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA

Fuel Storage Tank Details

Owner Account Name: SUNYS PETROLEUM INC

Liquid Fuel Tank Details

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

Overfill Protection:
Owner Account Name: SUNYS PETROLEUM INC
Item: FS LIQUID FUEL TANK

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36 | ***9 of 10*** | ***WSW/285.3*** | ***154.6 / 5.84*** | ***SUNYS PETROLEUM INC***
1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA
ON | ***FST***

Instance No: 10886633
Status:
Cont Name:
Instance Type:
Item: FS LIQUID FUEL TANK
Item Description: FS Liquid Fuel Tank
Tank Type: Liquid Fuel Single Wall UST
Install Date: 3/3/2000
Install Year: 1984
Years in Service:
Model: NULL
Description:
Capacity: 22700
Tank Material: Steel
Corrosion Protect:
Overfill Protect:
Facility Type: FS Liquid Fuel Tank
Parent Facility Type:
Facility Location:
Device Installed Location: 1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA

Manufacturer:
Serial No:
Ulc Standard:
Quantity:
Unit of Measure:
Fuel Type: Diesel
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tanks Single Wall St:
Piping Underground:
Num Underground:
Panam Related:
Panam Venue:

Fuel Storage Tank Details

Owner Account Name: SUNYS PETROLEUM INC

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: SUNYS PETROLEUM INC
Item: FS LIQUID FUEL TANK

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36 | ***10 of 10*** | ***WSW/285.3*** | ***154.6 / 5.84*** | ***SUNYS PETROLEUM INC***
1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA
ON | ***FST***

Instance No: 10886609
Status:
Cont Name:
Instance Type:
Item: FS LIQUID FUEL TANK
Item Description: FS Liquid Fuel Tank
Tank Type: Liquid Fuel Single Wall UST
Install Date: 3/3/2000
Install Year: 1984
Years in Service:
Model: NULL
Description:
Capacity: 22700
Tank Material: Steel
Corrosion Protect:
Overfill Protect:
Facility Type: FS Liquid Fuel Tank
Parent Facility Type:
Facility Location:
Device Installed Location: 1357 DUNDAS ST W OAKVILLE N2M 3H7 ON CA

Manufacturer:
Serial No:
Ulc Standard:
Quantity:
Unit of Measure:
Fuel Type: Gasoline
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tanks Single Wall St:
Piping Underground:
Num Underground:
Panam Related:
Panam Venue:

Fuel Storage Tank Details

Owner Account Name: SUNYS PETROLEUM INC

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: SUNYS PETROLEUM INC
Item: FS LIQUID FUEL TANK

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37 | ***1 of 1*** | ***WSW/286.0*** | ***153.9 / 5.11*** | ***1357 DUNDAS ST OAKVILLE ON*** | ***WWIS***

Well ID:	2810615	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	8/31/2006
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	6607
Casing Material:		***Form Version:***	3
Audit No:	Z52247	***Owner:***	
Tag:	A046448	***Street Name:***	1357 DUNDAS ST
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/281\2810615.pdf

Additional Detail(s) (Map)

Well Completed Date:	2006/08/06
Year Completed:	2006
Depth (m):	9.4
Latitude:	43.4554929332133
Longitude:	-79.7560571912455
Path:	281\2810615.pdf

Bore Hole Information

Bore Hole ID:	11552525	***Elevation:***	156.052276
DP2BR:	0.00	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	600640.00
Code OB Desc:	Bedrock	***North83:***	4812150.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	06-Aug-2006 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	933069099
Layer:	1
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	6.199999809265137
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933069100
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6.199999809265137
Formation End Depth:	9.399999618530273
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933301034
Layer:	1
Plug From:	0
Plug To:	1.39999997615814
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	962810615
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	11562132
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID: 930886003
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.5
Casing Diameter: 5.40000009536743
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933420352
Layer: 1
Slot: 10
Screen Top Depth: 1.5
Screen End Depth: 9.39999961853027
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6

Water Details

Water ID: 934079545
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 4.0
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11683648
Diameter: 15.0
Depth From: 0.0
Depth To: 9.399999618530273
Hole Depth UOM: m
Hole Diameter UOM: cm

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38 | ***1 of 1*** | ***N/287.5*** | ***150.4 / 1.69*** | ***ON*** | ***BORE***

Borehole ID: 890597
OGF ID: 215583517
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 20-FEB-1957
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 13.6
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Diamond Drill
Orig Ground Elev m: 115
Elev Reliabil Note:
DEM Ground Elev m: 148
Concession: CON 1 NORTH OF DUNDAS ST
Location D: Foundation investigation for a bridge over the Oakville creek, highway No.5, district 4, Ontario

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: LOT 22
Township: TRAFALGAR
Latitude DD: 43.460513
Longitude DD: -79.750738
UTM Zone: 17
Easting: 601062
Northing: 4812714
Location Accuracy:
Accuracy: Within 10 metres

Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID: 8502120
Top Depth: 5.5
Bottom Depth: 13.6
Material Color: Red-Brown
Material 1: Shale
Material 2: Limestone
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: Reasonable sound, red-brown and greenish-grey shale with limestone interbeds up to 2in. mud-seams at 15.7 and 17 ft.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 8502119
Top Depth: 1.2
Bottom Depth: 5.5
Material Color: Red
Material 1: Shale
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: Rather weathered, soft red shale **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency: Soft
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 8502117
Top Depth: 0
Bottom Depth: .6
Material Color: Red
Material 1: Clay
Material 2: Sandy
Material 3: Shale
Material 4:
Gsc Material Description:
Stratum Description: Overburden; soft, sandy red-brown clay with red shale fragments **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency: Soft
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 8502118
Top Depth: .6
Bottom Depth: 1.2
Material Color: Red
Material 1: Shale
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: Very soft, badly weathered red shale **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency: Very Soft
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

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39 ***1 of 1*** ***WSW/292.6*** ***153.8 / 5.00*** ***lot 24 con 1 ON*** ***WWIS***

Well ID: 2802149
Construction Date:
Primary Water Use: Commerical
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:

Data Entry Status:
Data Src: 1
Date Received: 12/21/1959
Selected Flag: True
Abandonment Rec:
Contractor: 5417
Form Version: 1
Owner:

Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	024
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\2802149.pdf

Additional Detail(s) (Map)

Well Completed Date:	1959/11/17
Year Completed:	1959
Depth (m):	33.528
Latitude:	43.4554849258452
Longitude:	-79.7561488209785
Path:	280\2802149.pdf

Bore Hole Information

Bore Hole ID:	10148703	**Elevation:**	156.098373
DP2BR:	4.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	h	**East83:**	600632.60
Code OB Desc:	Mixed in a Layer	**North83:**	4812149.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	17-Nov-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:	931427786
Layer:	2
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427785
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:	931427787
Layer:	3
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	17
Mat2 Desc:	SHALE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427788
Layer:	4
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	110.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802149
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697273
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930253033
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992802149
Pump Set At:	
Static Level:	16.0
Final Level After Pumping:	100.0
Recommended Pump Depth:	100.0
Pumping Rate:	0.0
Flowing Rate:	
Recommended Pump Rate:	0.0
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:	30
Flowing:	No

Water Details

Water ID:	933604197
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

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40 ***1 of 1*** ***WSW/294.0*** ***154.9 / 6.11*** ***DUNDAS STREET, ADJACENT TO #1361 & 1363 OAKVILLE ON*** ***WWIS***

Well ID:	2810265	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Not Used	***Date Received:***	6/8/2005
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7230
Casing Material:		***Form Version:***	3
Audit No:	Z27431	***Owner:***	
Tag:	A026358	***Street Name:***	DUNDAS STREET, ADJACENT TO #1361 & 1363
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/281\2810265.pdf

Additional Detail(s) (Map)

Well Completed Date: 2005/05/11
Year Completed: 2005
Depth (m): 8.3
Latitude: 43.4551661631954
Longitude: -79.7558166874475
Path: 281\2810265.pdf

Bore Hole Information

Bore Hole ID:	11319220	***Elevation:***	156.452529
DP2BR:	7.00	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	600660.00
Code OB Desc:	Bedrock	***North83:***	4812114.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	11-May-2005 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 933007380
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.399999976158142
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933007381
Layer: 2
Color: 7
General Color: RED
Mat1: 06
Most Common Material: SILT
Mat2: 05
Mat2 Desc: CLAY
Mat3: 11

Mat3 Desc: GRAVEL
Formation Top Depth: 1.399999976158142
Formation End Depth: 2.0
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933007382
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2: 15
Mat2 Desc: LIMESTONE
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 2.0
Formation End Depth: 8.300000190734863
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933270259
Layer: 1
Plug From: 0
Plug To: 0.300000011920929
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933270260
Layer: 2
Plug From: 0.300000011920929
Plug To: 6.40000009536743
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 962810265
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 11334075
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930860213
Layer: 1
Material: 5
Open Hole or Material: PLASTIC

Depth From:	0
Depth To:	6.69999980926514
Casing Diameter:	2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	933413022
Layer:	1
Slot:	30
Screen Top Depth:	6.69999980926514
Screen End Depth:	8.30000019073486
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	2.59999990463257

Water Details

Water ID:	934060719
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	2.0
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11537791
Diameter:	12.5
Depth From:	0.0
Depth To:	2.0
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	11537792
Diameter:	7.599999904632568
Depth From:	2.0
Depth To:	8.300000190734863
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Unplottable Summary

Total: 49 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	The Regional Municipality of Halton	Dundas St	Oakville ON	
CA	OAKVILLE TOWN	FOURTH LINE	OAKVILLE TOWN ON	
CA	MATAM HOLDINGS INC.	LOT 24/C-1,DUNDAS ST., SWM	OAKVILLE TOWN ON	
CA	Dundas Street Subdivision	Part of Lot 21 & 22, Concession 1	Oakville ON	
CA	BAYSHIRE INVESTMENTS LIMITED	DUNDAS ST. S.W.M.	OAKVILLE TOWN ON	
CA	Dundas Street Subdivision	Part of Lot 21 & 22, Concession 1	Oakville ON	
CA	West Oak Trails - Phase 6	Part of Lot 24, Concession 1, S.D.S.	Oakville ON	
CA	West Oak Trails - Phase 6	Part of Lot 24, Concession 1, S.D.S.	Oakville ON	
CA	BAIF DEVELOPMENTS CORP.	PT.LOT 23/COC.1,WESTOAK TRAILS	OAKVILLE TOWN ON	
CA	BROOKSTAR HOMES INC.	PT.LOT 24/CON.1,DUNDAS ST.,SWM	OAKVILLE TOWN ON	
CA	BAIF DEVELOPMENTS CORP.	LOT 23, CONC.1,S.OF DUNDAS ST.	OAKVILLE TOWN ON	
CA	BAIF DEVELOPMENTS CORP.	LOT 23,C.1/W.OAK TRAILS PH.2	OAKVILLE TOWN ON	
CA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	
CA	BAIF DEVELOPMENTS CORP.	LOT 23,CONC.1/S.OF DUNDAS ST.	OAKVILLE TOWN ON	
CA	The Regional Municipality of Halton	Dundas St W Dundas Street West from third line to 160m east of proudfoot trail	Oakville ON	
ECA	The Regional Municipality of Halton	Dundas St	Oakville ON	L6M 3L1
ECA	Mattamy (Proudfoot) Limited	Pond - Block 132 , Lot 23, Concession 1	Oakville ON	L6H 6M5

ECA	The Regional Municipality of Halton	Dundas St W Dundas Street West from third line to 160m east of proudfoot trail	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Dundas St	Oakville ON	L6M 3L1
ECA	1432007 Ontario Limited	Part of Lot 21 & 22, Concession 1	Oakville ON	L4K 1Y2
ECA	Melrose Investments Inc.	South of Dundas Street	Oakville ON	L6J 0A7
ECA	1432007 Ontario Limited	Part of Lot 21 & 22, Concession 1	Oakville ON	L4K 1Y2
ECA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	L6M 3L1
EHS		Dundas Street West	Oakville ON	
GEN	HALTON, REGIONAL MUNICIPALITY OF	CLOSED OAKVILLE LANDFILL SITE 4TH LINE NORTH	OAKVILLE ON	
LIMO	Oakville Fourth Line Landfill The Corporation of the Town of Oakville Town of	Oakville Lot 22, Concession 1 Halton	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	
PTTW	Enbridge Pipelines Inc.		ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
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WWIS	con 1	ON
WWIS	DUNDAS ST W	ON

Unplottable Report

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

Database: ***CA***

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

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

Database: ***CA***

Certificate #:	3-1576-97-
Application Year:	97
Issue Date:	12/9/1997
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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

Database: ***CA***

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

Site: ***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: ***West Oak Trails - Phase 6***
Part of Lot 24, Concession 1, S.D.S. Oakville ON

Database: ***CA***

Certificate #: 0415-4QTGXD
Application Year: 00
Issue Date: 11/6/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Matam Holdings Inc.
Client Address: 2360 Bristol Circle
Client City: Oakville
Client Postal Code: L6H 6M5
Project Description: Storm and sanitary sewers to be constructed on Glenayr Gate and Street 'N'.
Contaminants:
Emission Control:

Site: ***West Oak Trails - Phase 6***
Part of Lot 24, Concession 1, S.D.S. Oakville ON

Database: ***CA***

Certificate #:	8374-4QTH4Q
Application Year:	00
Issue Date:	11/6/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Matam Holdings Inc.
Client Address:	2360 Bristol Circle
Client City:	Oakville
Client Postal Code:	L6H 6M5
Project Description:	Watermains to be constructed on Glenayr Gate and Street N
Contaminants:	
Emission Control:	

Site: ***BAIF DEVELOPMENTS CORP.***
PT.LOT 23/COC.1,WESTOAK TRAILS OAKVILLE TOWN ON

Database: ***CA***

Certificate #:	3-1340-96-
Application Year:	96
Issue Date:	12/2/1996
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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

Database: ***CA***

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

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

Database: ***CA***

Certificate #:	7-1074-96-
Application Year:	96
Issue Date:	11/18/1996
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	

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

Site: ***BAIF DEVELOPMENTS CORP.***
LOT 23,C.1/W.OAK TRAILS PH.2 OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 7-0923-97-
Application Year: 97
Issue Date: 9/15/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database: ***CA***

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

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

Database: ***CA***

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

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

Database: ***CA***

Certificate #: 9343-8LUJU9
Application Year: 2011

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

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

Database: ***ECA***

Approval No: 9133-8PBLUJ
Approval Date: 2012-01-31
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: The Regional Municipality of Halton
Address: Dundas St
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8212-8GZQZK-14.pdf
PDF Site Location:

Site: ***Mattamy (Proudfoot) Limited***
Pond - Block 132 , Lot 23, Concession 1 Oakville ON L6H 6M5

Database: ***ECA***

Approval No: 8871-9KRLHS
Approval Date: 2014-06-25
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: Mattamy (Proudfoot) Limited
Address: Pond - Block 132 , Lot 23, Concession 1
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0382-9GQQMF-14.pdf
PDF Site Location:

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

Database: ***ECA***

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

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

Database: ***ECA***

Approval No:	1689-ACRL59	***MOE District:***	
Approval Date:	2016-08-15	***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:	Dundas Street (Regional Road 5)		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5930-A6DTKG-14.pdf		
PDF Site Location:			

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

Database: ***ECA***

Approval No:	7683-8LBNUQ	***MOE District:***	
Approval Date:	2011-09-23	***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:	Dundas Street (Regional Road 5)		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5398-8LARP7-14.pdf		
PDF Site Location:			

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

Database: ***ECA***

Approval No:	6286-6YFLLC	***MOE District:***	
Approval Date:	2007-02-15	***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:	Dundas St		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1463-6YCPRC-14.pdf		
PDF Site Location:			

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

Database: ***ECA***

Approval No:	5395-54QUND	***MOE District:***	
Approval Date:	2001-11-23	***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:	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: ***Melrose Investments Inc.***
South of Dundas Street Oakville ON L6J 0A7

Database: ***ECA***

Approval No: 2513-9BHJA5
Approval Date: 2013-09-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
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: Melrose Investments Inc.
Address: South of Dundas Street
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3399-9B9J9E-14.pdf
PDF Site Location:

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

Database: ***ECA***

Approval No: 5144-9VYPUD
Approval Date: 2015-04-30
Status: Revoked and/or Replaced
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: The Regional Municipality of Halton
Address: Dundas Street (Regional Road 5)
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3332-9MKHUQ-14.pdf
PDF Site Location:

Site:
Dundas Street West Oakville ON

Database: ***EHS***

Order No: 20101015006
Status: C
Report Type: Custom Report
Nearest Intersection: Third Line and Dundas Street West
Municipality: Halton
Client Prov/State: ON

Report Date:	10/25/2010	**Search Radius (km):**	0.25
Date Received:	10/15/2010 10:15:23 AM	**X:**	-79.773869
Previous Site Name:		**Y:**	1
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory		

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

Database: ***GEN***

Generator No:	ON0277100	**PO Box No:**	
Status:		**Country:**	
Approval Years:	98,99,00,01	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	4999		
SIC Description:	OTHER UTILITY IND.		

Detail(s)

Waste Class:	149
Waste Class Desc:	LANDFILL LEACHATES

Site: ***Oakville Fourth Line Landfill The Corporation of the Town of Oakville Town of Oakville Lot 22, Concession 1 Halton ON***

Database: ***LIMO***

ECA/Instrument No:	A210410	**Natural Attenuation:**	
Oper Status 2016:	Closed	**Liners:**	
C of A Issue Date:		**Cover Material:**	
C of A Issued to:		**Leachate Off-Site:**	
Lndfl Gas Mgmt (P):		**Leachate On Site:**	
Lndfl Gas Mgmt (F):		**Req Coll Lndfll Gas:**	
Lndfl Gas Mgmt (E):		**Lndfll Gas Coll:**	
Lndfl Gas Mgmt Sys:		**Total Waste Rec:**	
Landfill Gas Mntr:		**TWR Methodology:**	
Leachate Coll Sys:		**TWR Unit:**	
ERC Est Vol (m3):		**Tot Aprv Cap Unit:**	
ERC Volume Unit:		**Financial Assurance:**	
ERC Dt Last Det:		**Last Report Year:**	
Landfill Type:		**MOE Region:**	
Source File Type:		**MOE District:**	
Fill Rate:		**Site County:**	
Fill Rate Unit:		**Lot:**	
Tot Fill Area (ha):		**Concession:**	
Tot Site Area (ha):		**Latitude:**	
Footprint:		**Longitude:**	
Tot Apprv Cap (m3):		**Easting:**	
Contam Atten Zone:		**Northing:**	
Grndwtr Mntr:		**UTM Zone:**	
Surf Wtr Mntr:		**Data Source:**	
Air Emis Monitor:			
Approved Waste Type:			
Client Site Name:			
ERC Methodology:			
Site Name:	Oakville Fourth Line Landfill The Corporation of the Town of Oakville Town of Oakville		
Site Location Details:			
Service Area:			
Page URL:			

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	**Natural Attenuation:**	

Oper Status 2016:	Closed	***Liners:***	
C of A Issue Date:		***Cover Material:***	
C of A Issued to:		***Leachate Off-Site:***	
Lndfl Gas Mgmt (P):		***Leachate On Site:***	
Lndfl Gas Mgmt (F):		***Req Coll Lndfll Gas:***	
Lndfl Gas Mgmt (E):		***Lndfll Gas Coll:***	
Lndfl Gas Mgmt Sys:		***Total Waste Rec:***	
Landfill Gas Mntr:		***TWR Methodology:***	
Leachate Coll Sys:		***TWR Unit:***	
ERC Est Vol (m3):		***Tot Aprv Cap Unit:***	
ERC Volume Unit:		***Financial Assurance:***	
ERC Dt Last Det:		***Last Report Year:***	
Landfill Type:		***MOE Region:***	
Source File Type:		***MOE District:***	
Fill Rate:		***Site County:***	
Fill Rate Unit:		***Lot:***	
Tot Fill Area (ha):		***Concession:***	
Tot Site Area (ha):		***Latitude:***	
Footprint:		***Longitude:***	
Tot Apprv Cap (m3):		***Easting:***	
Contam Atten Zone:		***Northing:***	
Grndwtr Mntr:		***UTM Zone:***	
Surf Wtr Mntr:		***Data Source:***	
Air Emis Monitor:			
Approved Waste Type:			
Client Site Name:			
ERC Methodology:			
Site Name:	Oakville Landfill The Corporation of the Regional Municipality of Halton Town of Oakville		
Site Location Details:			
Service Area:			
Page URL:			

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

Database: ***PTTW***

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

Site Location Details:

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

Site:
S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

Approval No:	A210406	***Total Area (ha):***	16.65
Mob Unit Cert No:		***Landfill Cap (m³):***	0
EBR Registry No:		***Transfer Area (ha):***	0
Status:	Approved	***Transfer Cap (m³):***	0
Facility Type:	Landfill	***Transfer Cert No:***	
Record Type:		***Inciner. Area (ha):***	0
Link Source:		***Inciner. Cap (t):***	0
Project Type:		***Process Area (m³):***	0
Application Status:		***Process Cap (m³/d):***	0
Issue Date:	08/10/1971	***Process Vol (m³):***	0
Input Date:	11/18/93	***Process Feed (m³):***	0
Date Received:	1/6/86	***Site Concession:***	4 AND 3, SDS
Est Closure Date:		***Site Region/County:***	
Mobile Capacity:	0	***SWP Area Name:***	
Mobile Units:		***MOE District:***	
Mobile Description:		***District Office:***	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	***Latitude:***	
Prop Postal:	L6V-5A5	***Longitude:***	
Prop Phone:		***Geometry X:***	
Serial Link:	210406	***Geometry Y:***	
Approval Type:			
Proponent:	SHELL CANADA LTD. (OAKVILLE)		
Prop Address:	OAKVILLE REGINERY, BOX 308		
Proponent County/District:			
Full Address:			
Site Lot:	34 AND 35, PT. DWG. 467-79-1 AND 467-79-3		
Waste Class Code:	201		
Waste Class:	201		
Waste Type:	non-hazardous solid-industrial, liquid industrial		
Waste Type Other:	No		
Waste Description:	100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970		
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:	THERE IS NO CONDITIONS IN THE CERTIFICATE		
Project Description:			
Municipalities Served:	POPULATION N/A		
Approval Description:			
Other Approvals/Permits:			
PDF URL:			
PDF Site Location:			

Site:

S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

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

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

Site:

S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

Approval No:	A210406	***Total Area (ha):***	16.65
Mob Unit Cert No:		***Landfill Cap (m^3):***	0
EBR Registry No:		***Transfer Area (ha):***	0
Status:	Approved	***Transfer Cap (m^3):***	0
Facility Type:	Landfill	***Transfer Cert No:***	
Record Type:		***Inciner. Area (ha):***	0
Link Source:		***Inciner. Cap (t):***	0
Project Type:		***Process Area (m^3):***	0
Application Status:		***Process Cap (m^3/d):***	0
Issue Date:	10/10/1975	***Process Vol (m^3):***	0
Input Date:	11/18/93	***Process Feed (m^3):***	0
Date Received:	1/6/86	***Site Concession:***	4 AND 3, SDS
Est Closure Date:		***Site Region/County:***	
Mobile Capacity:	0	***SWP Area Name:***	
Mobile Units:		***MOE District:***	
Mobile Description:		***District Office:***	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	***Latitude:***	
Prop Postal:	L6V-5A5	***Longitude:***	
Prop Phone:		***Geometry X:***	
Serial Link:	210406	***Geometry Y:***	
Approval Type:			

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

Site:

S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

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

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

Site:

S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

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

Serial Link:	210406	***Geometry Y:***	
Approval Type:			
Proponent:	SHELL CANADA LTD. (OAKVILLE)		
Prop Address:	OAKVILLE REGINERY, BOX 308		
Proponent County/District:			
Full Address:			
Site Lot:	34 AND 35, PT. DWG. 467-79-1 AND 467-79-3		
Waste Class Code:	201		
Waste Class:	201		
Waste Type:	non-hazardous solid-industrial, liquid industrial		
Waste Type Other:	No		
Waste Description:	100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970		
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:	THERE IS NO CONDITIONS IN THE CERTIFICATE		
Project Description:			
Municipalities Served:	POPULATION N/A		
Approval Description:			
Other Approvals/Permits:			
PDF URL:			
PDF Site Location:			

Site:

S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

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

Site:

S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

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

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

Site:

S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

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

Prop Postal:	L6V-5A5	***Longitude:***	
Prop Phone:		***Geometry X:***	
Serial Link:	210406	***Geometry Y:***	
Approval Type:			
Proponent:	SHELL CANADA LTD. (OAKVILLE)		
Prop Address:	OAKVILLE REGINERY, BOX 308		
Proponent County/District:			
Full Address:			
Site Lot:	34 AND 35, PT. DWG. 467-79-1 AND 467-79-3		
Waste Class Code:	201		
Waste Class:	201		
Waste Type:	non-hazardous solid-industrial, liquid industrial		
Waste Type Other:	No		
Waste Description:	100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970		
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:	THERE IS 1 CONDITION IN THE CERTIFICATE AND ALSO SCHEDULE "A" IS ATTACHED.		
Project Description:			
Municipalities Served:	POPULATION N/A		
Approval Description:			
Other Approvals/Permits:			
PDF URL:			
PDF Site Location:			

Site: ***Database:***
con 1 ON ***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	***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: 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:	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:
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:
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: 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	***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:	259728	***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:	11098121	***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:	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	***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:	Abandoned-Other	***Abandonment Rec:***	
Water Type:		***Contractor:***	7215
Casing Material:		***Form Version:***	2
Audit No:	259729	***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:	11098120	***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:	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	***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:	259730	***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 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	***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:	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	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/22/2002
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3349
Casing Material:		***Form Version:***	1
Audit No:	228758	***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:	10525254	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	x	***East83:***	
Code OB Desc:	Unknown type in the lower layers(s)	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9

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:
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 1 ON

Database:
WWIS

Well ID: 2809497
Construction Date:
Primary Water Use: Commerical
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 234052

Data Entry Status:
Data Src: 1
Date Received: 12/14/2001
Selected Flag: True
Abandonment Rec:
Contractor: 1660
Form Version: 1
Owner:

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:

Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10518551
DP2BR: 46.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 05-Jan-2001 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: 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 1 ON

Database: ***WWIS***

Well ID: 2808555
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 181752
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: 8/14/1997
Selected Flag: True
Abandonment Rec:
Contractor: 4005
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
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:

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:

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:
DUNDAS ST W ON

Database:
WWIS

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

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

Bore Hole Information

Bore Hole ID: 1002867135
DP2BR:
Spatial Status:

Elevation:
Elevrc:
Zone:

Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 20-Mar-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
East83: 794622.00
North83: 4326200.00
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Annular Space/Abandonment Sealing Record

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

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID: 1002867142
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 4.57000017166138
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867141
Layer:
Slot:
Screen Top Depth: 4.57000017166138
Screen End Depth: 7.61999988555908
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002867143

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

Hole Diameter

Hole ID: 1002867137
Diameter: 7.619999885559082
Depth From:
Depth To: 7.619999885559082
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002867198
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 27-Mar-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone:
East83: 794526.00
North83: 4327128.00
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002867202
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 1002867203
Casing No: 0
Comment:

Alt Name:

Construction Record - Casing

Casing ID: 1002867205
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 9.14999961853027
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867204
Layer:
Slot:
Screen Top Depth: 9.14999961853027
Screen End Depth: 13.2600002288818
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

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

Hole Diameter

Hole ID: 1002867200
Diameter: 7.619999885559082
Depth From:
Depth To: 13.260000228881836
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002867144
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 18-Mar-2009 00:00:00
Remarks:

Elevation:
Elevrc:
Zone:
East83: 794612.00
North83: 4326296.00
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

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

Annular Space/Abandonment Sealing Record

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

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID: 1002867151
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 4.57000017166138
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867150
Layer:
Slot:
Screen Top Depth: 4.57000017166138
Screen End Depth: 6.09999990463257
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002867152
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:

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

Hole Diameter

Hole ID: 1002867146
Diameter: 7.619999885559082
Depth From:
Depth To: 6.099999904632568
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002867189
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 03-Apr-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone:
East83: 794534.00
North83: 4327049.00
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Annular Space/Abandonment Sealing Record

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

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID: 1002867196

Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 10.210000038147
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867195
Layer:
Slot:
Screen Top Depth: 10.210000038147
Screen End Depth: 12.1899995803833
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002867197
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002867191
Diameter: 7.619999885559082
Depth From:
Depth To: 12.1899995803833
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002867153
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 19-Mar-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Elevation:
Elevrc:
Zone:
East83: 794605.00
North83: 4326367.00
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Supplier Comment:

Annular Space/Abandonment Sealing Record

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

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID: 1002867160
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 4.57000017166138
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867159
Layer:
Slot:
Screen Top Depth: 4.57000017166138
Screen End Depth: 7.61999988555908
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

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

Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002867155
Diameter: 7.619999885559082
Depth From:
Depth To: 7.619999885559082
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002867162
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 20-Mar-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone:
East83: 794555.00
North83: 4326446.00
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Annular Space/Abandonment Sealing Record

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

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID: 1002867169
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 6.09999990463257

Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867168
Layer:
Slot:
Screen Top Depth: 6.09999990463257
Screen End Depth: 7.61999988555908
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

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

Hole Diameter

Hole ID: 1002867164
Diameter: 7.619999885559082
Depth From:
Depth To: 7.619999885559082
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002867171
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 06-Apr-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83: 794548.00
North83: 4326517.00
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Annular Space/Abandonment Sealing Record

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

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID: 1002867178
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 4.26999998092651
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867177
Layer:
Slot:
Screen Top Depth: 4.26999998092651
Screen End Depth: 7.32000017166138
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

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

Hole Diameter

Hole ID:	1002867173
Diameter:	7.619999885559082
Depth From:	
Depth To:	7.320000171661377
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Bore Hole Information

Bore Hole ID:	1002867180	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	
Code OB:		***East83:***	794543.00
Code OB Desc:		***North83:***	4326565.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	9
Date Completed:	06-Apr-2009 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

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

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID:	1002867187
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	4.42000007629395
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID: 1002867186
Layer:
Slot:
Screen Top Depth: 4.42000007629395
Screen End Depth: 7.46999979019165
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

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

Hole Diameter

Hole ID: 1002867182
Diameter: 7.619999885559082
Depth From:
Depth To: 7.46999979019165
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002867035
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06-Apr-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83: 794622.00
North83: 4326200.00
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Method of Construction & Well Use

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

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 F: CITY DIRECTORY

Copy Service Canada
www.lgicscanada.com
alantos@lgicscanada.com
Phone : 613 875-7387

City Directory Information Source
Polk Halton Peel, Ontario Criss-Cross City Directory

PROJECT NUMBER: BIGC-GEO-185B	
Site Address:	1280 Dundas Street West, Oakville, Ontario
Year: 2000	
Site Listing:	-St Volodymyr Cultural Centre -St Volodymyr Ukrainian Cemetery
Adjacent Properties:	
Dundas Street West (1200-1325)	-No Listings In Radius
Fourth Line (2440-2480)	2477-Single Tenant Residential
Glenayr Gate (All)	-Street Not Listed
Wooden Hill Circle (All)	-Street Not Listed

PROJECT NUMBER: BIGC-GEO-185B	
Site Address:	1280 Dundas Street West, Oakville, Ontario
Year: 1989	
Site Listing:	-Ukrainian Orthodox Centre

	-Single Tenant Residential
Adjacent Properties:	
Dundas Street West (1200-1325)	-No Listings In Radius
Fourth Line (2440-2480)	2477-Single Tenant Residential
Glenayr Gate (All)	-Street Not Listed
Wooden Hill Circle (All)	-Street Not Listed

PROJECT NUMBER: BIGC-GEO-185B	
Site Address:	1280 Dundas Street West, Oakville, Ontario
Year: 1981	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Dundas Street West (1200-1325)	-No Listings In Radius
Fourth Line (2440-2480)	2477-Single Tenant Residential
Glenayr Gate (All)	-Street Not Listed
Wooden Hill Circle (All)	-Street Not Listed

PROJECT NUMBER: BIGC-GEO-185B	
Site Address:	1280 Dundas Street West, Oakville, Ontario

Year: 1971	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Dundas Street West (1200-1325)	-Street Not Listed
Fourth Line (2440-2480)	-No Listings In Radius
Glenayr Gate (All)	-Street Not Listed
Wooden Hill Circle (All)	-Street Not Listed

PROJECT NUMBER: BIGC-GEO-185B	
Site Address:	1280 Dundas Street West, Oakville, Ontario
Year: 1958	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Dundas Street West (1200-1325)	-Street Not Listed
Fourth Line (2440-2480)	-No Listings In Radius
Glenayr Gate (All)	-Street Not Listed
Wooden Hill Circle (All)	-Street Not Listed

APPENDIX G: OTHER GOVERNMENT RECORDS

Ontario

Ministry of the Environment, Conservation and Parks

Freedom of Information Request for Property Information

Instructions

Use this form to:

- submit and pay for a new FOI request for access to records/information about a property
- pay for a deposit or a final fee on an existing FOI request

Fields marked with an asterisk (*) are mandatory.

Are you: *

☑ Submitting a new FOI Request for Property Information

☐ Paying a deposit or final fee for an existing FOI Request for Property Information

Section 1 – Description of Records Requested

Time Period for Records Requested

From (yyyy/mm/dd) *	To (yyyy/mm/dd) *
1990/01/01	2021/12/07

Type of Record(s) *

☑ All environmental records relating to the identified property/site exclusive of Environmental Approvals and Registrations

☑ Environmental Approvals and Registrations (e.g. Environmental Compliance Approvals; Certificate of Approval; Renewable Energy Approvals; Environmental Activity and Sector Registry Registrations)

Select only if you are seeking access to an Approval or Registration that is not publicly available or if you are also seeking supporting documents relating to the Approval or Registration.

Operator and vendor Pesticide Licenses from September 4, 2018, final Approvals and Registrations are publicly available on the Access Environment website at:

https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en.

Records of Site Condition (RSC) records are publicly available on the Brownfields Environmental Site Registry (BSER).

- RSC records between 2004 to June 30, 2011 are available at: https://www.lrcsde.lrc.gov.on.ca/besrWebPublic/generalSearch
- RSC records filed after July 2011 are available at: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/earchFiledRsc_search?request_locale=en

☐ Other Specific Document(s)

Type of Approval/Registration *

☑ Drinking Water Licenses

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☑ Pesticide Licenses

Only pesticide licenses post September 2018 are available. Prior to September 2018, only Pesticide license applications and supporting documentation is available

☐ No Supporting Documents ☑ All Supporting Documents ☐ Some Supporting Documents

☑ Permits to Take Water

☐ No Supporting Documents ☑ All Supporting Documents ☐ Some Supporting Documents

Water Source *

☑ Groundwater ☑ Surface Water

☑ Noise Vibrations Approvals/Registrations

☐ No Supporting Documents ☑ All Supporting Documents ☐ Some Supporting Documents

☑ Air Emissions Approvals/Registrations

☐ No Supporting Documents ☑ All Supporting Documents ☐ Some Supporting Documents

☑ Water Approvals/Registrations - Ontario Water Resources Commission, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster), mains

☐ No Supporting Documents ☑ All Supporting Documents ☐ Some Supporting Documents

☑ Sewage – Treatment, Stormwater, Storm, Leachate & Lieachate Treatment & Sewage pump stations, Sanitary

☐ No Supporting Documents ☑ All Supporting Documents ☐ Some Supporting Documents

☑ Waste Water - Industrial discharge

☐ No Supporting Documents ☑ All Supporting Documents ☐ Some Supporting Documents

☑ Waste Sites - Disposal, Landfill sites, Transfer stations, Processing sites, Incinerator sites

☐ No Supporting Documents ☑ All Supporting Documents ☐ Some Supporting Documents

☑ Waste Management Systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, Polychlorinated Biphenyls (PCBs) storage, transfer or destruction, Waste Generator Systems)

☐ No Supporting Documents ☑ All Supporting Documents ☐ Some Supporting Documents

Company Name

☑ Waste Generator Registration - number/class

List any record(s) that should be excluded from the scope of your request (e.g. email correspondences; records originating from your organization/business; records already in your possession, prior year(s) annual reports for approvals)

Please provide any additional relevant information relating to your request. For example, does your request relate to any other ministry business? Please note that this information is being requested only in order to provide contextual information to the Access and Privacy Office and will not in any way affect or expedite the status of any related ministry business identified.

Section 2 – Requester Information

Last Name * Romano

First Name * Julia

Middle Initial

Business/Organization Name (if applicable or indicate "N/A") * B.I.G. Consulting Inc.

Project/Reference Number (if applicable) BIGC-ENV-185F

Are you submitting this request on behalf of a client? *

☑ Yes ☐ No

Please upload an authorization/consent form from your client in Section 6 (Supporting Documentation)

Name of Client

Last Name * Mestyan

First Name * Michael

Business/Organization Name (if applicable or indicate "N/A") * Delmanor West Oak Inc.

Mailing Address

Unit Number 804

Street Number * 505

Street Name * Consumers Road

PO Box

City/Town * Toronto

Province * ON

Postal Code * M2J 4V8

Telephone Number * 905-449-1522 ext.

Email Address * JRomano@brownfieldigi.com

Is there an alternate contact (e.g. office admin)? *

☑ Yes ☐ No

Alternate Contact

Last Name * Dougherty

First Name * Laine

Telephone Number * 416-214-4880 ext. 1002

Email Address * LDougherty@brownfieldigi.com

Section 3 – Current Property Address Information

Is the property a:

☐ Park ☐ Lake ☐ First Nation Band ☐ Wind Farm ☐ Federal Land ☐ Island ☐ Unsurveyed Land

Are you requesting information about multiple addresses? *

☐ Yes ☑ No

Property Address

Unit Number

Street Number 1280

Street Name Dundas Street West

City/Town/Village *

Oakville

Closest Intersection

Dundas Street West and Proudfoot Trail

Section 4 – Previous Property Address Information

Do you want the ministry to search all prior historical addresses for this property/site for the time period of the records requested? *

☐ Yes ☑ No

Section 5 – Owner Information

Please provide all present and previous property owner and/or tenant names for the search years requested.

Current Property Owner/Tenant

1280 Dundas Street West
Oakville

Owner Name

St. Volodymyr Cathedral of the Ukrainian Orthodox Church of Canada

Date of Ownership (yyyy/mm/dd)

1956/04/18

Tenant Name

Section 6 – Supporting Documents

Please attach an authorization/consent form.

Please upload any documents (e.g. Maps) that are relevant to your FOI request.

The total size of all attachments must not be more than 8 MB.

1 File Name

Total File Size

Save Form Clear Form Print Form

From: Public Information Services <publicinformationservices@tssa.org>
Sent: December-07-21 5:20 PM
To: Julia Romano
Subject: RE: Request for Environmental Information

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 Julia,

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: Julia Romano <JRomano@brownfieldigi.com>
Sent: December 7, 2021 12:53 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Request for Environmental Information

[CAUTION]: This email originated outside the organisation.
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good afternoon Madam/Sir,

I would like to submit a request for Environmental Information for the following properties in Oakville, Ontario:

1. 1280 Dundas Street West

2. 2440-2450 Wooden Hill Cir (even number only)
3. 1388 Dundas Street West
4. 2450 Falkland Crescent
5. 2469-2521 Falkland Crescent (odd number only)

As part of our historical review for a Phase One ESA, I am requesting that the Technical Standards and Safety Authority (TSSA), Safety Fuel Division, review its database to identify to us any records of aboveground/underground storage tanks, spills, incidents, complaints, notices, tanks removals and/or remediation, etc. with the TSSA for the above-mentioned site.

Your earliest attention to this matter is much appreciated. For your convenience, you may email me or call me with any information you may have for the properties.

Best Regards,

Julia Romano

Julia Romano, MEnvSc, G.I.T.
Junior Environmental Scientist

B.I.G. Consulting Inc.
505 Consumers Road, Suite 804
Toronto, Ontario M2J 4V8, Canada
Direct: 905-449-1522
Office: 416-214-4880
Email: jromano@brownfieldigi.com

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

APPENDIX H: AERIAL PHOTOGRAPHS/FIRE INSURANCE PLANS

B.I.G. CONSULTING INC.

t: (416) 214 - 4880 f: (905) 856 - 7327
12-5500 Tomken Rd.
Misissauga, ON L4W 2Z4
Canada

bigconsultinginc.com

LEGEND

APPROXIMATE SITE BOUNDARY

IMAGERY SOURCED FROM LGI COPY SERVICES, DATED 1934

TITLE AND LOCATION

1934 AERIAL PHOTOGRAPH
PHASE ONE ESA
1280 DUNDAS STREET WEST,
OAKVILE, ONTARIO

PROJECT NO.	DWN.
BIGC-ENV-185F	L.C.K.
SCALE	CK.
NOT TO SCALE	E.L.
DATE	FIG NO.
DECEMBER 2021	H-1

B.I.G. CONSULTING INC.

t: (416) 214 - 4880 f: (905) 856 - 7327
12-5500 Tomken Rd.
Misissauga, ON L4W 2Z4
Canada

bigconsultinginc.com

LEGEND

APPROXIMATE SITE BOUNDARY

IMAGERY SOURCED FROM LGI COPY SERVICES, DATED 1965

TITLE AND LOCATION

1965 AERIAL PHOTOGRAPH
PHASE ONE ESA
1280 DUNDAS STREET WEST,
OAKVILLE, ONTARIO

PROJECT NO.	DWN.
BIGC-ENV-185F	L.C.K.
SCALE	CK.
NOT TO SCALE	E.L.
DATE	FIG NO.
DECEMBER 2021	H-2

B.I.G. CONSULTING INC.

t: (416) 214 - 4880 f: (905) 856 - 7327
12-5500 Tomken Rd.
Misissauga, ON L4W 2Z4
Canada

bigconsultinginc.com

LEGEND

APPROXIMATE SITE BOUNDARY

IMAGERY SOURCED FROM LGI COPY SERVICES, DATED 1985

TITLE AND LOCATION

1985 AERIAL PHOTOGRAPH
PHASE ONE ESA
1280 DUNDAS STREET WEST,
OAKVILE, ONTARIO

PROJECT NO.	DWN.
BIGC-ENV-185F	L.C.K.
SCALE	CK.
NOT TO SCALE	E.L.
DATE	FIG NO.
DECEMBER 2021	H-3

B.I.G. CONSULTING INC.

t: (416) 214 - 4880 f: (905) 856 - 7327
12-5500 Tomken Rd.
Misissauga, ON L4W 2Z4
Canada

bigconsultinginc.com

LEGEND

APPROXIMATE SITE BOUNDARY

IMAGERY SOURCED FROM TOWN OF OAKVILLE, DATED 1995

TITLE AND LOCATION

1995 AERIAL PHOTOGRAPH
PHASE ONE ESA
1280 DUNDAS STREET WEST,
OAKVILLE, ONTARIO

PROJECT NO.	DWN.
BIGC-ENV-185F	L.C.K.
SCALE	CK.
NOT TO SCALE	E.L.
DATE	FIG NO.
DECEMBER 2021	H-4

B.I.G. CONSULTING INC.

t: (416) 214 - 4880 f: (905) 856 - 7327
12-5500 Tomken Rd.
Misissauga, ON L4W 2Z4
Canada

bigconsultinginc.com

LEGEND

APPROXIMATE SITE BOUNDARY

IMAGERY SOURCED FROM GOOGLE EARTH ONLINE IMAGERY, DATED 2005

TITLE AND LOCATION

2005 AERIAL PHOTOGRAPH
PHASE ONE ESA
1280 DUNDAS STREET WEST,
OAKVILLE, ONTARIO

PROJECT NO.	DWN.
BIGC-ENV-185F	L.C.K.
SCALE	CK.
NOT TO SCALE	E.L.
DATE	FIG NO.
DECEMBER 2021	H-5

B.I.G. CONSULTING INC.

t: (416) 214 - 4880 f: (905) 856 - 7327
12-5500 Tomken Rd.
Misissauga, ON L4W 2Z4
Canada

bigconsultinginc.com

LEGEND

APPROXIMATE SITE BOUNDARY

IMAGERY SOURCED FROM GOOGLE EARTH ONLINE IMAGERY, DATED 2016

TITLE AND LOCATION

2016 AERIAL PHOTOGRAPH
PHASE ONE ESA
1280 DUNDAS STREET WEST, OAKVILE, ONTARIO

PROJECT NO.	DWN.
BIGC-ENV-185F	L.C.K.
SCALE	CK.
NOT TO SCALE	E.L.
DATE	FIG NO.
DECEMBER 2021	H-6

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:

1280 Dundas St W Oakville ON Canada

Project No:

BIGCGEO1851

Opta Order ID:

48582

Requested by:

Eileen Liu
B.I.G. Consulting Inc.

Date Completed:

5/8/2018 7:44:07 AM

Project Name: 1280 Dundas Stret West

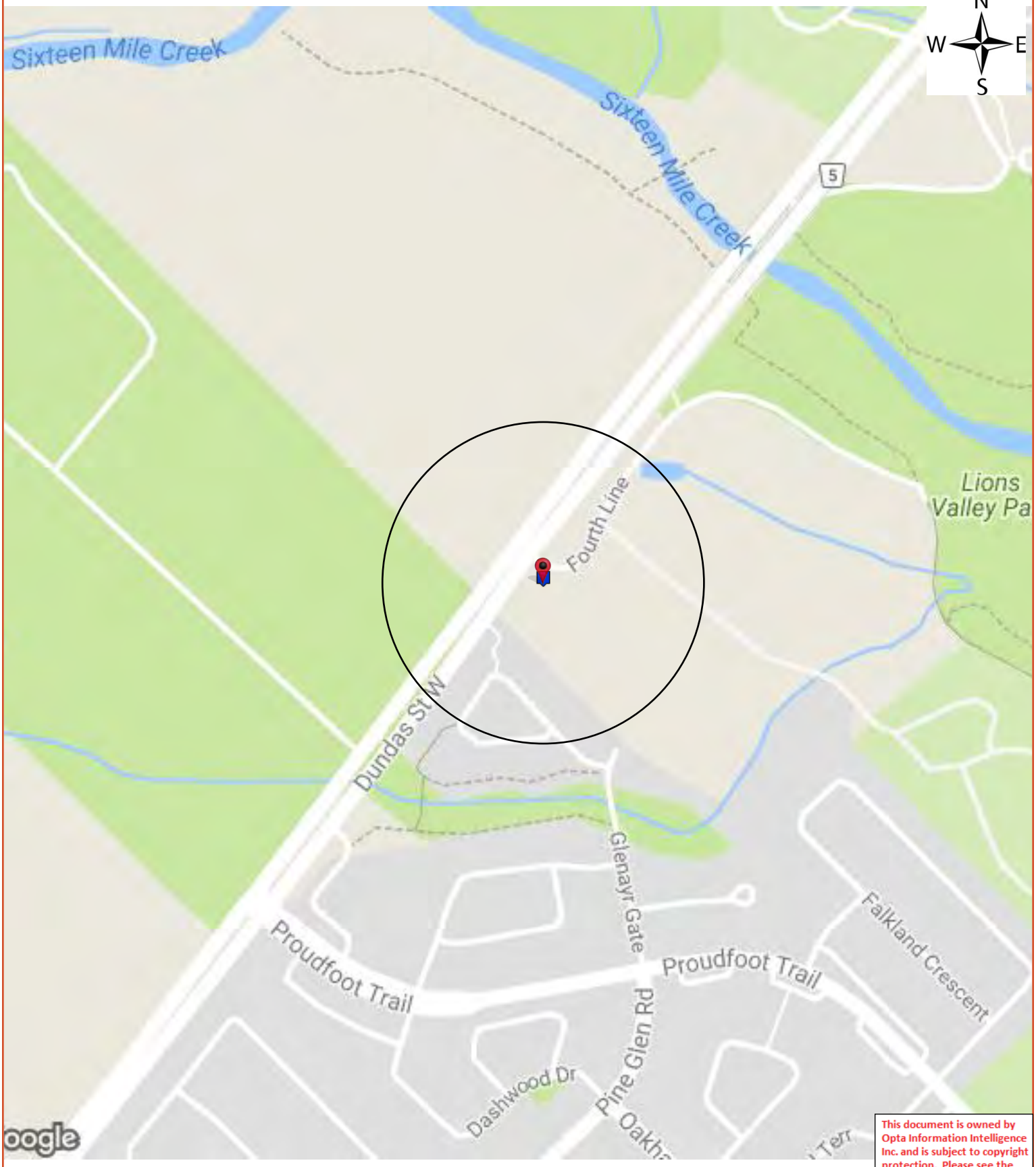
Project #: BIGCGEO1851

ENVIROSCAN Report

Search Area: 1280 Dundas St W Oakville ON Canada

Requested by:
Eileen Liu
Date Completed: 05/08/2018 07:44:07

enviroscan
OPTA INFORMATION INTELLIGENCE



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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.

ENVIROSCAN Report

Report Index

Requested by:
Eileen Liu
Date Completed: 05/08/2018 07:44:07

OPTA INFORMATION INTELLIGENCE

Page	Report Title
5	(1988) COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM Report - 1988 ST. VOLODYMYR CULTURAL CENTRE 1280 Dundas St W Oakville ON a (distance = 0 metres*)

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COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM Report - 1988 ST. VOLODYMYR CULTURAL CENTRE 1280 Dundas St W Oakville ON a

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INSURERS' ADVISORY ORGANIZATION OF CANADA

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM

(Use this form for all Non-Manufacturing risks, and some Manufacturing risks with five hands or less, of all construction, but excluding Sprinklered properties)

Address: No. 1280 Street/Road Etc,. DUNDAS STREET WEST
Municipality OAKVILLE ONTARIO (Formerly) _____
Owned by: ST. VOLODYMYR CULTURAL Occupied by: SAME
Age of building (Built in) 1988; Est. ☐ Additions Built in _____; _____; _____; Est. ☐
Condition of Building: Good ☒; Average ☐ Poor ☐.
Is building completely finished & out of workmens hands? Yes ☒; No ☐ IBC Code: Ter: 91 Ind: 733 Cons: 2 Prot: 5

BASIC CONSTRUCTION - (SECTION II)

- EXTERIOR WALLS:

NSEW	NSEW	NSEW	NSEW	NSEW
(Refers to compass point direction of wall, i.e. North, South, East or West)				
☒	☒	☐	☐	☐
INDEPENDENT	BEARING	NON-BEARING	PARTY	PARAPET

(Describe material & thickness of all walls including make-up of combustible walls & any fire retardant impregnation. Also, check off appropriate wall supports below:)

COLUMNS OF WOOD ☐; HEAVY WOOD (min. 150mm x 300mm) ☐; UNPROTECTED STEEL ☐; PROTECTED STEEL ☐, protected by _____ having a fire-resistance rating of _____ hrs.
PANELS of Non-Combustible material or GLASS ☐; COMBUSTIBLE ☐ (describe) _____

Wall: N. _____%; S. _____%; E. _____%; W. _____%.

- FLOORS & ROOF: (Describe Floor & Roof Materials Including Thickness & Nature Of Supports)

Floor Level	% Aut. Spk. Sec	Fire Resistive & Masonry	Fire Res. in Hrs.	Non-Combustible	Combustible
Grade		CONC. / GRADE	+3		
2nd				CONC. / METAL PAN	
Roof				CLAY - METAL DECK	

COMBUSTIBLE FLR. on Lowest BASEMENT Level: Yes ☐; No ☐. If Yes, Describe & Give Percentage - _____

SECONDARY CONSTRUCTION - (SECTION III)

- HEIGHT: (Nbr.) 1 & 2 Storeys High; Basement: Yes ☐; No ☒. (Nbr.) Nil Combustible Storeys Without Ground Level Access.
- VERTICAL OPENINGS: Number of Elevators - Passenger ____. Freight 1.

(Describe Construction & Type of Enclosure(s) & Door(s) Fully)

Elv., Stairway or Other	Nbr.	From:	To:	ENCLOSURE(S)	DOOR(S)
S	3	1ST	2ND	CB	S/C METAL DOOR
Elev.	1	1ST	2ND	CB	S/C METAL DOOR

- AREA: Basement : ____ x ____; ____ x ____; ____ x ____ = ____ m²
1st. Floor : ____ x ____; ____ x ____; ____ x ____ = 1936.55 m²
2nd. Floor : ____ x ____; ____ x ____; ____ x ____ = 477.62 m²
3rd (& Other): ____ x ____; ____ x ____; ____ x ____ = ____ m²
EFFECTIVE AREA: 1936.55 m²

Separation Walls ☐ (describe) _____. Total Area 2414.27 m²

- ROOF SURFACE: Non-Combustible ☒ (describe) _____. Combustible ☐ (describe) _____.
Patent ☐. FALSE ROOF over Masonry or Fire Resistive Roof ☐ (describe) _____

- COMBUSTIBLE CONCEALED SPACES: Combustible Space In Roof ☐, &/or Ceiling ☐. If In Roof, Is This An Attic ☐, Cut-Off ☐, Shut Off ☐, With Access Limited By Trap(s)/Hatchway(s) ☐. In Proportion To Total Roof/Ceiling Area COMBUSTIBLE CONCEALED SPACE Comprises _____ % In ROOF &/or _____ % In CEILING. Describe _____.

- COMBUSTIBLE INTERIOR CONSTRUCTION: Floor Surfacing ☐ (describe & give % of total floor area affected) _____. Partitions/Walls ☐ (describe & give % of total interior wall area) _____. Mezzanines/Decks ☐ (describe & give % of total area of floors & roof) _____.

- INTERIOR FINISH or INSULATION: (Specify Where SPECIAL DAMAGE Materials Are Used)

Specify						
FLOOR						
Walls:						
Ceilings:						
Interior Partitions						
Smoke Developed						
Flame Spread						

Ordinary Damage Materials Attached To Fire Resistive or Non-Combustible Walls ☐ and/or Ceiling ☐

- COMB. EXTERIOR ATTACHMENTS OR FINISH: Attachments ☐ Comprise Of (describe & give chargeable %) _____. Finish ☐ Comprises Of (describe & give chargeable %) _____. Smoke Developed - 200 or Less ☐; Over 200 ☐; Flame Spread Rating _____. None Of The Above ☐. Are Attachments/Finish Attached/Applied To Fire Resistive or Non-Comb., Walls or Roof? Yes ☐; No ☐.

- BUILDING CONDITION: Moderate ☒, Major ☐, Extreme Deficiencies ☐. Describe Sub-Standard Structural Conditions _____.

COMMON HAZARDS - (SECTION VII, Items 720-724)

- HEATING: Building Heated? Yes ☒; No ☐. Borrowed Heat ☐. Describe Heating System Including Controls & Fuel Used: Electric Permanently Installed. Describe Chimney(s) & Deficiencies If Any: _____.

- ELECTRICAL: FUSES: Type "S" ☐; Type "C" & Rejector System ☐; Circuit Breakers ☒; ORDINARY ☐; Used Exclusively ☐. Aluminum Wiring ☐; Rigid Conduit ☐; Other ☒ (describe) BX CABLE. Open ☐. Electrical Equipment Defects: None ☒; Minor ☐; Moderate ☐; Major ☐; Serious ☐. Describe Condition: _____.

- AIR CONDITIONING: 100 %; Central ☒; Window ☐.

- HOUSEKEEPING: See General Underwriting Comments Section (Page 3)

MUNICIPAL PROTECTION - (SECTION IX)

- FIRE DEPARTMENT: Risk Within 2.5 km Of Nearest Fire Hall? Yes ☐; No ☒. If No - State Distance To Fire Hall: 3-4 km.

- HYDRANTS: Two Hydrants Within 155m of Risk? Yes ☐; No ☒. And All Parts Of Building Within 155m Of At Least One Hydrant? Yes ☐; No ☐. MAINS - 150mm ☐; 200mm ☐; 300mm ☒. Other (describe) No Hydrants. Circulating ☐; and/or Dead End ☐ Mains. Describe Deficiency (if any): _____.

- ACCESSIBILITY: Risk Accessible At Least On One Side By Street 15m In Width? Yes ☒; No ☐. If No - Describe _____.

- CONGESTED AREA: Congested/Conflagration Hazard Prevails? Yes ☐; No ☒. If Yes, Describe Under General Underwriting Comments:

- PRIVATE PROTECTION: Is There Exclusive Private Protection ☐, Or Supplement To Municipal Protection ☐. Describe _____.

INTERNAL PROTECTION - (SECTION XI)

- MANUAL FIRE FIGHTING EQUIPMENT: Standard ☒; Non-Standard ☐. (See Occupancy Section, page 3).

- WATCHMAN SERVICE: Standard ☐. Including Proprietary Supervision ☐, Including Central Station Supervisory Ser. ☐. Describe: _____

- AUTOMATIC FIRE DETECTION SYSTEM: Full Protection ☐; Partial Protection (i.e. Minimum Requirements ☐; Describe (& Attach Form No. 2184-6/80, for Automatic Fire Alarm Detection Systems, After Completion) _____.

- PARTIAL AUTOMATIC SPRINKLER SYSTEMS: Acceptable Waterflow Alarm To Approved CENTRAL STATION ☐, No Such Alarm ☐. Total area Protected by Automatic Sprinklers Comprises _____ M^2.

- OTHER LIMITED AUTOMATIC FIRE PROTECTION SYSTEMS: (Other Than A.S.) Area Protected By: HALON ☐; CO_2 ☒; HIGH EXPANSION FOAM ☐; Other (describe) In Pit & Ceiling. Comprises _____ m^2.

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM

OCCUPANCY & SPECIAL HAZARDS - (SECTIONS IV, V, VI & VII)

- SEPARATED OCCUPANCY: Is There Any Occupant(s) Cut-Off VERTICALLY ☐ /HORIZONTALLY ☐? Yes ☐; No ☐.
If Yes - Such Occupant Occupies _____ m^2, Comprising _____ % Of The Total Floor Area;
Describe: _____

OCCUPANCY DETAILS: Indicate: 1) Business Name Of Each Tenant, 2) Special Hazards Including Process Operation(s) And Faults Of Management, 3) Number, Type and Location Of Manual Fire Fighting Equipment, 4) Any Other Exceptional Features Of The Risk Not Discussed Elsewhere, and 5) Any Vacant Section(s).

CIVIC NO.	FLOOR LEVEL	AREA (m^2)	IBC IND. CODE	
1380	1ST & 2ND	2414.37	787	"ST. VOLODYMYR CULTURAL CENTRE (OAKVILLE) INC." OCCUPIED AS A BANQUET HALL WITH OFFICES, CLASSROOMS, MEETING ROOMS, LOUNGE AND A KITCHEN PROVIDING FULL REGULAR NON-COMMERCIAL COOKING. KITCHEN EQUIPMENT CONSISTS OF ① DEEP FAT FRYER, ④ SIX-BURNER STOVES, ① GRILL AND TWO PIZZA OVENS WITH PROTECTION PROVIDED BY A STAINLESS STEEL HOOD AND A WET CHEMICAL SYSTEM WITH SEMI-ANNUAL CONTRACT IN FORCE. THERE ARE TWO ELECTRIC HOT WATER BOILERS WHICH OPERATE AT 60-80 P.S.I. THE SUPPLY OF PORTABLE FIRE EXTINGUISHERS PRESENT IS STANDARD. THE 2ND FLOOR IS ALSO OCCUPIED BY THE JANITOR FOR LIVING QUARTERS.
				THERE ARE BOTH FIRE & BURGLAR ALARMS INSTALLED FIRE ALARM IS CONNECTED DIRECTLY TO FIRE HALL AND BURGLAR ALARM IS CONNECTED TO A MONITORING STATION.
Total Floor Area	2414.37	787	← (Building Owner's Interest)	- Continued on attached sheet ☐ -

GENERAL UNDERWRITING COMMENTS

- HOUSEKEEPING & MAINTENANCE: Excellent ☐; Good ☒; Average ☐; Poor ☐ (describe) _____

- NEIGHBOURHOOD: Isolated ☐; Residential ☒; Commercial ☐; Industrial ☐; Congested/Conflagration Hazard ☐ (describe)

- OPINION OF RISK: Excellent ☐; Good ☒; Average ☐; Poor ☐ (describe) _____

DIAGRAM IAO PLAN: Sheet No. _____; Block No. _____; Plan No. _____; NOP ☒; Scale: 1cm = 6m ☐ 1cm = 12m ☐

NORTH

WEST

(SEE ATTACHED)

EAST

SOUTH

EXPOSURE - (SECTION VIII)

WALL OF BUILDING BEING RATED					BETWEEN BLDGS.		FACING WALL OF EXPOSURE						
Direction	Blnk.	Comb. & Non-Comb	Msnry. Up	Msnry. Sp	Distance	Party Wall	Blnk.	Msnry. Sp	Msnry. Up	Non-Comb.	Comb.	Occ'y Haz.	Length / Height
NORTH													
SOUTH													
EAST													
WEST													

Requested by: ROYAL INS.

Sig. Of Insp. M. CANARIO

Dt. Aug. 9/88 / Aug. 10/88
(Inspected) (Written Up)

Report Date: _____
(Dt. Request Recd. In IAO Service Office)

Revised By: _____

Dt. _____ / _____

APPENDIX I: SITE PHOTOGRAPHS

Photo 1: A pond located on northwestern portion of the Site.

Photo 2: A ravine is located in the centre of the Site.

Photo 3: Former barn located on the western portion of the Site.

Photo 4: Former farm house footprint.

Photo 5: Fill material observed located on the southeastern portion of the Site.

Photo 6: An AST observed on northern portion of the Site and was reportedly used for storage of pesticides.

Photo 7: Looking southwest to adjacent community property.

Photo 8: Looking east to Lions Valley Park and Sixteen Mile Creek.