



Neyagawa Boulevard, Oakville, Ontario

Phase One Environmental Site Assessment

Client:

Sky Property Group Inc.
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1 Executive Summary

EXP Services Inc. (EXP) was retained by Sky Property Group Inc. ("Client") to complete a Phase One Environmental Site Assessment (ESA) for the property located at the northeast side of Neyagawa Boulevard, between Burnhamthorpe Road West and Highway 407, in Oakville Ontario (hereinafter referred to as the "Site", "Phase One Property"). The Site had no municipal address at the time of the Phase One investigation.

The Site comprises of a total area of approximately 2.4050 hectares (5.943 acres) and is currently vacant.

This report has been prepared to support the future residential development of the Site. Since there is no change from a less to more sensitive land use (i.e. agricultural and/or other use to residential use), a Record of Site Condition (RSC) filing is not required, as set out in Ontario Regulation (O.Reg.) 153/04. However, an O.Reg 153/04 report is required as part of the Site Plan Application (SPA) to the Town of Oakville, to support future redevelopment plans.

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 the Phase One ESA standard as defined by O.Reg. 153/04, and in accordance with generally accepted professional practices. Subject to this standard of care, EXP 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.

It is noted that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property. However, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions, or identify geologic hazards.

Based on the findings of this Phase One ESA, and work previously completed by EXP, the following APECs were identified for the Site.

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Site	Potentially Contaminating Activity	Location of the PCA (On-Site/Off-Site)	Contaminants of Potential Concern (Soil)	Media of Concern Soil /Groundwater
APEC 1	Western portion of Site	(PCA 1) #NA - Application of De-icing Salts	Off-site	EC, SAR	Soil
APEC 2	Northwestern portion of Site	(PCA 2) #N/A - Application of De-icing Salts	Off-site	EC, SAR	Soil
APEC 3	Southwestern portion of Site	(PCA 3) #N/A – Application of De-icing Salts	Off-site	EC, SAR	Soil
APEC 3	Southwestern portion of Site	(PCA 4) #58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Off-site	PHCs, BTEX, VOCs, PAHs, Metals, As, Sb, Se, HWS-B, Cr (VI), Hg, CN-	Groundwater

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Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Site	Potentially Contaminating Activity	Location of the PCA (On-Site/Off-Site)	Contaminants of Potential Concern (Soil)	Media of Concern
APEC 4	Entire Site	(PCA 5) #40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-site	OCPs	Soil and Groundwater

EC - Electrical Conductivity, SAR - Sodium adsorption Ratio, Na - Sodium, Cl - Chloride, PHCs - Petroleum Hydrocarbons, BTEX - Benzene, Toluene, Ethylbenzene, Toluene, VOC - Volatile Organic Compounds, PAHs - Polycyclic Aromatic Hydrocarbons, Metals – Includes barium, beryllium, boron (total), cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, silver, thallium, uranium, vanadium, zinc; As – Arsenic; Sb – Antimony; Se – Selenium; HWS-B – Hot Water Soluble Boron; Cr(VI) – Hexavalent Chromium; Hg – Mercury; CN- - Free Cyanide; OCPs – Organochlorine Pesticides

Based on the findings of the Phase One ESA and conclusions, a Phase Two ESA is required to assess the soil and groundwater conditions in order to support a Site Plan Application (SPA).

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

2 Introduction

EXP Services Inc. (EXP) was retained by Sky Property Group Inc. ("Client") to complete a Phase One Environmental Site Assessment (ESA) for the property located on the northeast side of Neyagawa Boulevard, between Burnhamthorpe Road West and Highway 407, in Oakville Ontario. The property has no municipal address and is hereinafter referred to as the "Site", or "Phase One Property".

The Site comprises of a total area of approximately 2.4050 hectares (5.943 acres) and is located at the northern corner of the intersection of Neyagawa Boulevard and Burnhamthorpe Road West. The Site is currently vacant land.

This report has been prepared to support the future residential development of the Site. Given that the proposed change in land use is not from a less to more sensitive land use (i.e., the proposed change is from vacant to residential), no Record of Site Condition (RSC) will be required for the site as set out in Ontario Regulation (O.Reg.) 153/04. However, an O.Reg 153/04 report is required as part of the Site Plan Application (SPA) to the Town of Oakville, to support the future redevelopment plans.

It is noted that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property. However, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions, or identify geologic hazards.

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 the Phase One ESA standard as defined by O. Reg. 153/04, and in accordance with generally accepted professional practices. Subject to this standard of care, EXP 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.

2.1 Site Information

The Site is situated at the northern corner of the intersection of Neyagawa Boulevard and Burnhamthorpe Road West, as shown on Figure 1. The Site measures approximately 2.4050 hectares (5.943 acres) in area.

Contact information for Mr. Marc J. Pourvahidi, a representative of the Site owner, is presented below:

Mr. Marc J. Pourvahidi
Sky Property Group Inc.
1 Steeles Avenue East
Toronto, ON
M2M 3Y2

The legal description, property identification number (PIN) and ownership for the Site are provided below:

Table: Site Summary

Municipal Address	PIN	Legal Description of PIN	Property Owner
n/a	24929-6891 (LT)	Part of Lot 20, Concession 2, Traf NDS, Parts 1&2 20R16345, Except Part 4 20R19373, Part 2 HR1788345	Burnhamthorpe/Oakville Holdings Inc.

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The approximate Universal Transverse Mercator (UTM) coordinates for the Site centroid are NAD83 17T- 4815149 m N 600070 m E. The UTM coordinates were obtained using a hand held Global Positioning System (GPS) device. A Survey Plan, dated November 2, 2023 is included in Appendix B.

3 Scope of Investigation

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

- 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;
- Contacting municipal and provincial agencies to determine the existence of records of environmental regulatory non-compliance, if any, and reviewing such records where available;
- Obtaining an Environmental Risk Information Services Ltd. (ERIS) report for the Site and surrounding properties within a 250 metre radius of the Site;
- Reviewing available geological maps, well records and utility maps for the vicinity of the Site;
- Obtaining and reviewing a chain of title and assessment rolls for the Site;
- Reviewing available reports previously completed at the Site;
- Conducting interviews with designated Site representative(s) as a resource for current and historical Site information, as well as to provide EXP staff with unrestricted access to all areas of the Site and Site buildings (as required by O.Reg. 153/04, as amended);
- Conducting a Site reconnaissance in order to identify any land use practices that may have impacted the environmental condition of the Site;
- 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,
- Preparing a report to document the findings.

The following sections summarize the information gathered by EXP during the Phase One ESA and identify 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 the O. Reg 153/04, as amended.

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

EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or any of the statements made by others.

EXP personnel who conducted assessment work for this project included Mr. Tyler McKay, Ms. Kate Miles, and Ms. Amanda Catenaro, P.Geo, QP_{ESA}. An outline of their qualifications is provided in Appendix C.

4 Record Review

4.1 General

4.1.1 Phase One Study Area Determination

The Phase One Study Area consists of properties located within a 250 metres radius from the Site boundaries, partially or in whole. A closed waste disposal facility (4th Line Landfill) is located approximately 650 metres south of the Site. Given the large size and years of operation (over 20 years) associated with this landfill, it has been included inside of the Phase One Study. The Site and surrounding properties within the Phase One ESA study area have been developed for community and institutional purposes to the south, and community and agricultural/vacant land in the remaining directions. The Phase One Study Area and a Surrounding Land Use Plan are shown on Figure 2.

4.1.2 First Developed Use Determination

Based on our review of the aerial photographs, ERIS report, municipal records and chain of title, the Site has never been developed, and has historically been vacant since prior to 1954.

A more detailed discussion of the Site history based on the available documentation is provided below.

4.1.3 Fire Insurance Plans (FIPs)

A search of the Catalogue of Canadian Fire Insurance Plans 1875 – 1975 (Catalogue) was conducted by Opta Information Intelligence (Opta) to determine if Fire Insurance Plans (FIPs) for the Site existed. Based on a review of the Catalogue, no FIP or insurance reports were available for the Site or Phase One Study Area.

4.1.4 Insurance Reports

A search of the Insurance Reports was conducted by Opta Information Intelligence (Opta) to determine if Insurance Reports for the Site existed. Based on a review of the Catalogue, no insurance reports were available for the Site or Phase One Study Area.

4.1.5 Chain of Title

The search for the historic chain of titles that comprise of the Site was completed by Dominic Bertucci, an independent title searcher.

The search identified that the Site consists of the following PIN: 24929-6891 (LT).

Based on the information provided in the chain of titles, the lands were crown land until 1809 at the earliest. The following summary is provided since 1809:

- 1809 to 1989 – owned by several individuals
- 1989 to 2012 – Dorham Holdings Inc.
- 2012 to present – Burnhamthorpe/Oakville Holdings Inc.

The completed chain of title is provided in Appendix D.

4.1.6 Environmental Reports

No previous environmental reports were available for review at the time of this Phase One ESA.

4.2 Environmental Source Information

4.2.1 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 completed by Environmental Risk Information Services (ERIS) on October 20, 2023. EXP has confirmed neither the completeness nor the accuracy of other records that were provided. A copy of the ERIS report is provided in Appendix E.

No relevant environmental listings were found for the Site.

A summary of the significant findings is provided below:

Location	Proximity to Site	Summary	Database	Associated PCA(s)
382 Burnhamthorpe Road West	65 m Southeast	An RSC (No. 50311) was filed on behalf of Sherborne Lodge Developments on April 15, 2009 based on a Phase One ESA. The RSC was filed for current agricultural/other use for proposed residential use.	RSC	n/a – as the RSC was filed based on a Phase One ESA only.
528 Burnhamthorpe Road West	160 m Southwest	King's Christian Collegiate was registered as a waste generator of inorganic laboratory chemicals, waste oils & lubricants, paint/pigment/coating residues, alkaline wastes – other metals, and organic laboratory chemicals from 2009 to 2022	GEN	n/a - Given the nature of this property as a secondary school, large amounts of generated wastes are not anticipated and this is not considered a PCA.
4 th Line Landfill	650 m South	The Regional Municipality of Halton was registered as a waste generator of Steel Making Residues, Inorganic Tannery Wastes, Petroleum Distillates and/or Landfill Leaches from 1986 to 2015 In 2003, approximately 30m ³ of leachate was spilled from the landfill.	GEN, SPL	PCA#58

Databases:

GEN – Ontario Regulation 347 Waste Generators Summary

RSC – Record of Site Condition

SPL – Ontario Spills

4.2.2 Municipal Records

4.2.2.1 Municipal Directories

The available City Directories between 1965 and 2001 were reviewed by ERIS in order to identify the occupancy history of the Site, and properties within the Phase One Study Area. The search results were reviewed by EXP in order to identify and determine any identify historical tenants of the Phase One Study Area that are associated with a PCA as defined in Table 2 of Schedule D. Given that the Site has on municipal address, no listings were found. Details for the Phase One Study Area are listed in the table below:

Table 4.2.2a: Site Street Directory Summary

Address	Tenant	Years of occupancy	Associated PCA(s)
Surrounding Properties			
382 Burnhamthorpe Road West	4 Comm Integrated Technologies All Care Landscape Sherborne Lodge Development Inc. Havencrest Riding Academy	2001 2001 2012 2017	None – these are likely land owners given that the property has been vacant or used as rural residential.
501 Burnhamthorpe Road West	All Care Landscape	2012, 2017	None – this is likely a small home business given that the property is occupied by a single family residence.
528 Burnhamthorpe Road West	Chartwell at Kings King's Christian Collegiate	2012 2012, 2017, 2021	None – this property is being used for institutional purposes as a school.

The full city directory search is provided in Appendix F.

4.2.3 Ontario Ministry of the Environment Records

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

Since the Site is not assigned a municipal address, a request for information was not submitted to the Ontario Ministry of the Environment, Conservation and Parks (MECP) Freedom of Information, Protection of Privacy Office.

4.2.3.2 Ministry of the Environment and Climate Change Databases

The ERIS report summarized in the Federal and Provincial Database Search section of the report included a summary of MECP databases (see section 4.2.1). The databases include the following: Environmental Bill of Rights (EBR), Brownfields Environmental Site Registry, Hazardous Waste Information Network (HWIN) and Waste Disposal Sites.

Based on the ERIS report, a closed waste disposal facility (4th Line Landfill) is located approximately 650 metres south of the Site. Given the large size and years of operation (over 20 years) associated with this landfill, it has been included inside of the Phase One Study Area.

4.2.4 Technical Standards and Safety Authority

A request was made to the TSSA by email on October 24, 2023, for information regarding fuel storage at the adjacent properties.

A written response for the TSSA was received on October 24, 2023. According to a search of their database, no, records were found for the Site or for the surrounding properties within the Phase One Study Area.

A copy of the e-mail correspondence with the TSSA is provided in Appendix G.

4.2.5 Record of Site Condition

A Record of Site Condition (RSC) summarizes the environmental conditions of a property as determined by a qualified person (QP) by conducting an Ontario Reg. 153/04 compliance Phase One ESA, and where necessary, a Reg. 153 compliant Phase Two ESA, confirmatory sampling and 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 Environmental Brownfields Site Registry database. This online, publicly available database can be searched to identify properties which may have potential environmental concerns.

Based on a search of the Environmental Brownfields Site Registry database and ERIS Report, the Site was not listed with an RSC.

One RSC was filed within the Phase One Study Area. Details are as follows:

- An RSC (No. 50311) was filed on behalf of Sherborne Lodge Developments on April 15, 2009 based on a Phase One ESA. No PCAs were identified as part of the completion of the RSC. The RSC was filed for current agricultural/other use for proposed residential use.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs

Aerial photographs were obtained in order to review the development and land use history of the Site, as well as to the land in the immediate vicinity of the Site. The aerial photographs were obtained from National Aerial Photo Library and Oakville GIS Maps online.

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

Aerial Photography Year	Observations
1954	<ul style="list-style-type: none"> • The Site is vacant. • The majority of the surrounding properties appear to be vacant land. • A roadway (Burnhamthorpe Road West) runs east-west, located south adjacent to the Site. • A waterbody (previously called East Oakville Creek, presently named East Sixteen Mile Creek) is located 385 m north of the Site
1974	<ul style="list-style-type: none"> • The Site appears similar to the 1954 aerial photograph.
1995	<ul style="list-style-type: none"> • The Site appears similar to the 1974 aerial photograph. • Rural residential properties have been constructed at 322 Halton Regional Rd, to the south, and an institutional building (assumed to be Kings Christian College) has been constructed at 528 Burnhamthorpe Rd West, to the southwest.
2012	<ul style="list-style-type: none"> • The Site appears similar to the 1995 aerial photograph. • Neyagawa Boulevard has been constructed west adjacent to the Site. • Highway 407 has been constructed to the north, with an on-ramp located approximately 50m to the north. The roadways constructed adjacent to the Site likely undergo salting and de-icing activities for the purposes of keeping vehicular traffic and pedestrians safe. This is identified as a PCA (#N/A – Application of De-icing Salts).
2019	<ul style="list-style-type: none"> • The Site appears similar to the 2012 aerial photograph. • A residential subdivision has been constructed to the south of 528 Burnhamthorpe Road West. A parkland, appearing to be associated with the nearby school at this property, is located approximately 90 m to the southwest.
2023	<ul style="list-style-type: none"> • No significant changes were noted between the 2019 and 2023 aerial photographs.

4.3.2 Topography, Hydrology and Geology

The following physiographic, geological and soil maps were reviewed:

- "Toporama"; Natural Resources Canada. Map 30M11. Scale 1:15,000. 2008.

- Surficial Geology of Southern Ontario - geology_ll.shp [computer file], Ontario: Ontario Geological Survey, 2000.
- Bedrock Geology of Ontario - geology_ll.shp [computer file], Ontario: Ontario Geological Survey, 2000.

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

- The Site and surrounding areas are generally located within the South Slope.
- The geology of the Site and surrounding area is comprised of till moraines and till plains, which comprises of silty to clayey deposits.
- The bedrock in the general area consists of shale, limestone, dolostone, and siltstone belonging to the Queenston Formation, Georgian Bay, Blue Mountain and Billings Formations and Collingwood and Eastview Members.
- Based on the topographic map, the Site slopes gently towards the south in the southern portion and north in the northern portion of the Site. East Sixteen Mile Creek is located approximately 385 m north of the Site. Groundwater flow within the Phase One Study Area is anticipated to be towards the north to northwest.

4.3.3 Fill Materials

Fill material is typically brought to a property as a base for buildings and pavement areas. Fill can also be used to re-grade a property, and to backfill excavations.

Given that the Site has never been developed and does not appear to have been disturbed, fill is not anticipated to be present. Furthermore, the Oak Ridges Water Mapping Tool (<https://maps.oakridgeswater.ca>), which lists surficial deposits within Ontario, does not show any man-made or fill materials located on-Site.

4.3.4 Areas of Natural Significance

Based on the review of available resources from the Ministry of Natural Resources and Forestry website on October 24, 2023, no areas of natural significance were identified at the Site or within 30 m of the Site. A natural heritage system is located on the northwest side of Highway 407, approximately 125 metres to the northwest.

4.3.5 Well Records

4.3.5.1 Water Wells

A search of the water well database was conducted by ERIS of the Site and surrounding Phase One Study Area and Ontario Well Records Database to identify water wells within the Phase One Study Area.

Based on the ERIS database records and Ontario Well Records, no wells were identified on-Site and three (3) wells were installed on properties within the Phase One Study Area. Of these records, one (1) well was listed as abandoned, one (1) well was listed for potable domestic use, and one (1) well had no listed use. Given that Halton region receives its water from both Lake Ontario and groundwater sources, and because of the nearby potable well, potable groundwater conditions are applicable to the Site.

The review of the off-Site well records did not provide any additional information of environmental significance for the purposes of this Phase One ESA.

4.3.5.2 Oil, Gas, and Salt Wells

A search of the Oil, Gas & Salt Resources Library (2014) was completed by ERIS. According to the ERIS search, no oil, gas or salt wells are located on-Site and or within the Phase One Study Area.

4.4 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; Material Safety Data Sheets (MSDS) 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 underground storage tanks (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.

There were no records of environmental significance available for review at the time of this Phase One ESA.

5 Interviews

Interviews were conducted by EXP staff with the individuals identified to be the most knowledgeable with respect to both the current and historical Site uses. The interviews were conducted 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 6.

An interview was conducted with the Assistant Property Manager, Ana Melo, via e-mail on November 3, 2023. Ana Melo has been familiar with the site for nearly 13 years. The interview indicated the following environmental information for the Site:

- The Site has always been vacant or potentially used for agricultural purposes and is proposed to be redeveloped for residential purposes.
- They were not aware of any fires at the Site.
- They are not aware of any current or historical aboveground or underground storage tanks, landfilling activities, presence of fill materials or other environmental concerns at the conveyance lands (i.e. the Site).

6 Site Reconnaissance

6.1 General Requirements

The Phase One Site reconnaissance was conducted on November 3, 2023, between 9:00 am and 12:00 pm by Mr. Tyler McKay and under the supervision of Ms. Amanda Catenaro, P.Geo., QP_{ESA}, a Qualified Person, as defined by O.Reg. 153/04, as amended. On the day of the Site reconnaissance, the weather was clear with a temperature of 8°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.

6.2 Specific Observations at Phase One ESA Property

6.2.1 Site Description and Buildings

The Site is located at the north side of Neyagawa Boulevard, between Burnhamthorpe Road West and Highway 407, in Oakville Ontario. The Site is irregular in shape and is currently vacant with no structures. During the investigation soy bean crops were observed across the entirety of the Site. Given that it is unknown how long these crops have been present on-Site and whether pesticide has ever been applied to the crops, this was identified as a PCA [PCA 5 (PCA ID #40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents))].

6.2.2 Heating and Cooling Systems

Given that Site is currently vacant, no cooling or heating systems are anticipated to be present.

6.2.3 Site Utilities and Services

The utilities and services were identified at the Site based on information provided in environmental records, and relevant utility infrastructure observed during the site reconnaissance. The Site utilities are summarized in the table below.

Utility	Source	Location	Site Entry
Natural Gas	Enbridge Gas	Underground	Unknown. Given that the Site is vacant, this utility is not anticipated to be present on-Site.
Sanitary Sewer	Town of Oakville	Underground	Manholes were observed along Neyagawa Boulevard and Burnhamthorpe Road West. Given that the Site is vacant, this utility is not anticipated to be present on-Site.
Storm Sewer	Town of Oakville	Underground	Catch basins were observed along Neyagawa Boulevard and Burnhamthorpe Road West. Given that the Site is vacant, this utility is not anticipated to be present on-Site.
Water	Halton Region	Underground	Unknown Given that the Site is vacant, this utility is not anticipated to be present on-Site.
Electricity	Hydro-electric	Overhead	Overhead hydro wires were observed along Neyagawa Boulevard and Burnhamthorpe Road West. Given that

Utility	Source	Location	Site Entry
			the Site is vacant, this utility is not anticipated to be present on-Site.
Telecommunications	Bell Canada	Underground	Unknown Given that the Site is vacant, this utility is not anticipated to be present on-Site.

6.2.4 Sewage and Wastewater Disposal

No certificates of approval for storm/sanitary sewer discharge were reported for the Site. At the time of the site reconnaissance, the catch basins and manholes for the storm and sanitary sewer were observed along Neyagawa Boulevard and Burnhamthorpe Road West.

6.2.5 Potable Water Sources

As the Site is vacant, it is not serviced by any water utilities at this time. Given that Halton region receives its water from both Lake Ontario and groundwater sources, and because of the nearby potable well, potable groundwater conditions are applicable to the Site.

6.2.6 Abandoned and Existing Wells

No wells were observed during the Site visit.

6.2.7 Site Production and Manufacturing

As the Site is currently vacant, no production or manufacturing activities were observed.

6.2.8 Drains, Pits and Sumps

No drains or pits were observed during the Site visit.

6.2.9 Storage Tanks

No above-storage tank (AST) and/or underground storage tank (UST) were observed on-Site at the time of the inspection.

6.2.10 Water Wells

No potable water wells were observed at the time of the Site visit.

6.2.11 Site Housekeeping

The Site was observed to be generally well maintained. No significant amounts of debris or refuse were noted during the Site reconnaissance. No issues were identified that would be associated with a PCA.

6.2.12 Chemical Storage and Handling

No chemical storage or evidence of handling was observed at the time of the Site visit.

6.2.13 Areas of Stained Soil, Pavement or Stressed Vegetation

No areas of significant staining of the soil or pavement were observed during the Site visit.

6.2.14 Fill and Debris

Fill material is typically brought to a property as a base for buildings and pavement areas. Fill can also be used to re-grade a property and to backfill excavations.

Given that the Site has never been developed and does not appear to have been disturbed, fill is not anticipated to be present. Furthermore, the Oak Ridges Water Mapping Tool (<https://maps.oakridgeswater.ca>), which lists surficial deposits within Ontario, does not show any man-made of fill materials located on-Site.

6.2.15 Air Emissions

Air emissions in Ontario are regulated under the Environmental Protection Act (EPA) and its Regulations (O. Reg. 419/05, O. Reg. 245/11, O. Reg 1/17). Owners and operators of activities that may discharge a contaminant into the natural environment must seek permissions from the Ministry of Environment, Conservation and Parks (MECP) to carry out these activities. As of October 31, 2011, amendments to the EPA resulted in a two-path environmental approval process, the Environmental Compliance Approval (ECA) and Environmental Activity and Sector Registry (EASR). The EASR allows businesses to register certain activities with the ministry, rather than apply for approvals. The EASR is for common systems and processes, initially for heating systems, standby power systems and automotive refinishing, to which preset rules of operation can be applied. Effective January 3, 2017 additional activities were allowed through the EASR process based on the facility's North American Industry Classification System (NAICS) code but required full assessment for compliance of emissions under O. Reg. 419/05. Unless explicitly exempted, most industrial processes or modification to industrial processes and equipment require an ECA, formerly a Certificate of Approval (Air and Noise).

Given that the Site is currently vacant and has never been developed, air emission are not anticipated. Furthermore, no ECA's have been registered at the Site.

6.2.16 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.

A review of the Site was conducted to evaluate the potential presence of PCB-containing equipment in use or stored at the Site.

No suspected PCB containing equipment was observed on the Site at the time of the visit.

6.2.17 Mould

Mould is found in the natural environment and is required for the breakdown of plant debris such as leaves and wood. Mould spores are found in the air in both the indoor and outdoor environments. In order for mould to grow within a building, it requires a food source (i.e. gypsum wallboard, carpets, wallpaper, wood, etc.) and moist conditions. Mould can have an impact on human health depending on the species and concentration of the mould. Health effects can include allergies and mucous membrane irritation.

Currently there are no regulations governing mould; however, there are several guidelines addressing mould assessments and abatement. At the moment the industry standards include the Canadian Construction Association (CCA) document 82-2004 titled "Mould Guidelines for the Canadian Construction Industry" and the Environmental Abatement Council of Ontario (EACO) guidelines titled "EACO Mould Abatement Guidelines, Edition 2 (2010)".

It is important to note that the Ministry of Labour (MOL) governs protecting workers under the Occupational Health and Safety Act, which states that employers are required to take every precaution reasonable to protect their workers. This includes protecting workers from mould within workplace buildings.

As there are no building located on-Site, no mould was observed.

6.3 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 information reviewed on the historical use of the Site, the Site is not classified as an Enhanced Investigation Property.

6.4 Adjacent and Surrounding Properties

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

The table below indicates the land usage immediately surrounding the Site:

Cardinal Direction	Address	Neighbouring Land Use	Identified PCAs
North	Highway 407, 4278 Fourth Line, Oakville	Community Use (highway 407 on ramp, east and westbound roadways) Parkland Use (Glenorchy Conservation Area)	The highway 407 and associated ramps likely undergo salting and de-icing activities for the purposes of keeping vehicular traffic and pedestrians safe. This is identified as a PCA (#N/A – Salting and De- icing).
West	Neyagawa Boulevard and northwest corner of Burnhamthorpe Road West and Neyagawa Boulevard	Community Use (Neyagawa Boulevard) Agricultural and/or Other Use (vacant land)	Neyagawa Boulevard likely undergoes salting and de-icing activities for the purposes of keeping vehicular traffic and pedestrians safe. This is identified as a PCA (#N/A – Salting and De- icing).
East	322 to 340 Burnhamthorpe Rd West	Agricultural and/or other use (vacant land) and Community Use (Burnhamthorpe Road West)	Burnhamthorpe Road West likely undergoes salting and de-icing activities for the purposes of keeping vehicular traffic and pedestrians safe. This is identified as a PCA (#N/A – Salting and De- icing).
South (20 m south beyond Watson Street West)	528 Burnhamthorpe Road West, Settlers Road West, Terrace	Community Use (Intersection of Neyagawa Blvd and Burnhamthorpe Road West), Institutional Use (secondary school), Residential Use	None

Cardinal Direction	Address	Neighbouring Land Use	Identified PCAs
	Way, Stream Crescent		

Based on the visual reconnaissance of adjacent and surrounding properties within the Phase One Study Area, the following surrounding properties were identified as having operations that contribute towards a PCA as defined in Table 2 of Schedule D:

- Highway 407, Neyagawa Boulevard, and Burnhamthorpe Road West likely undergo salting and de-icing activities for the purposes of keeping vehicular traffic and pedestrians safe. This is identified as a PCA (#N/A – Salting and De-icing).

6.5 Written Description of Investigation

A reconnaissance of the Site was conducted by EXP to examine the exterior and interior of all on-Site buildings and structures (if any), and to examine the exterior portions of the Site. Mechanical equipment (including heating and cooling systems), if any, were 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 of the Site 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.

7 Review and Evaluation of Information

7.1 Current and Past Uses

Based on our review of the inspection reports, previous environmental report and aerial photographs, the Site has never been developed and has remained vacant since prior to 1954.

Currently, the majority of the Site is occupied by low brush and vegetation. No buildings or structures are located on-Site. The current and past ownership of the Site is summarized in Table II in the Appendices.

7.2 Potentially Contaminating Activities (PCAs)

A list of all the PCAs identified at the Site and within the Phase One Study Area are listed in the table below. They are also listed in the Conceptual Site Model (CSM) in Appendix J and shown on Figure 2:

PCA Identifier	Address	Location of Activity (in relation to Site) ⁽¹⁾	Potentially Contaminating Activity (PCA) ⁽²⁾	Approximate timeline that PCA occurred	Contributes to APEC (Yes or No)?
Surrounding Properties (Off-Site PCAs)					
1	Neyagawa Boulevard	West Adjacent	PCA#N/A – Salting and De-icing	Based on the Site walkover, Neyagawa Boulevard is located adjacent to the Site and likely undergoes salting and de-icing during winter months for the purposes of keeping vehicular traffic and/or pedestrians safe.	Yes, based on the close proximity to the Site.
2	Highway 407	Northwest Adjacent	PCA#N/A – Salting and De-icing	Based on the Site walkover, Neyagawa Boulevard is located adjacent to the Site and likely undergoes salting and de-icing during winter months for the purposes of keeping vehicular traffic and/or pedestrians safe.	Yes, based on the close proximity to the Site.
3	Burnhamthorpe Road West	Southeast Adjacent	PCA#N/A – Salting and De-icing	Based on the Site walkover, Neyagawa Boulevard is located adjacent to the Site and likely undergoes salting and de-icing during winter months for the purposes of keeping vehicular traffic and/or pedestrians safe.	Yes, based on the close proximity to the Site.

PCA Identifier	Address	Location of Activity (in relation to Site) ⁽¹⁾	Potentially Contaminating Activity (PCA) ⁽²⁾	Approximate timeline that PCA occurred	Contributes to APEC (Yes or No)?
				months for the purposes of keeping vehicular traffic and/or pedestrians safe.	
4	4 TH Line	650 m South	PCA #58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosolids as soil conditioners	The Regional Municipality of Halton was registered as a waste generator of Steel Making Residues, Inorganic Tannery Wastes, Petroleum Distillates and/or Landfill Leachates from 1986 to 2015.	Yes, given the large capacity, long operation (20 years) and upgradient location of the historical dump.
5	Entire Site	On-Site	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	As a conservative measure, it is assumed pesticides have been applied since the early 1900s to present.	Yes, given that it is located on-Site.

(1) Distances are approximate. 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) that is occurring or has occurred in a Phase One Study area.

7.3 Areas of Potential Environmental Concern (APECs)

Since the inferred groundwater flow direction is to the north to northwest, the properties within the Phase One Study Area north and northwest of the Site were considered to be hydraulically down-gradient of the Site; and, the properties to the northeast, east, southwest, and west of the Site were considered to be hydraulically trans-gradient to the Site.

The following PCAs were considered to contribute to an APEC:

- PCAs located on immediately adjacent properties (off-Site) or situated up-gradient to the Site with respect to the anticipated groundwater flow direction.

Area of Potential Environmental Concern (1)	Location of Area of Potential Environmental Concern on Site	Potentially Contaminating Activity (2)	Location of the PCA (On-Site/Off-Site)	Contaminants of Potential Concern (Soil)	Media of Concern Soil /Groundwater
APEC 1	Western portion of Site	(PCA 1) #NA - Application of De-icing Salts	Off-site	EC, SAR	Soil
APEC 2	Northwestern portion of Site	(PCA 2) #N/A - Application of De-icing Salts	Off-site	EC, SAR	Soil
APEC 3	Southern and Southwestern portion of Site	(PCA 3) #N/A – Application of De-icing Salts	Off-site	EC, SAR	Soil
APEC 3	Southern and Southwestern portion of Site	(PCA 4) #58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Off-site	PHCs, BTEX, VOCs, PAHs, Metals, As, Sb, Se, HWS-B, Cr (VI), Hg, CN-	Groundwater
APEC 4	Entire Site	(PCA 5) #40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-site	OCPs	Soil and Groundwater

EC - Electrical Conductivity, SAR - Sodium adsorption Ratio, Na - Sodium, Cl - Chloride, PHCs - Petroleum Hydrocarbons, BTEX - Benzene, Toluene, Ethylbenzene, Toluene, VOC - Volatile Organic Compounds, PAHs - Polycyclic Aromatic Hydrocarbons, Metals – Includes barium, beryllium, boron (total), cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, silver, thallium, uranium, vanadium, zinc; As – Arsenic; Sb – Antimony; Se – Selenium; HWS-B – Hot Water Soluble Boron; Cr(VI) – Hexavalent Chromium; Hg – Mercury; CN- - Free Cyanide; OCPs – Organochlorine Pesticides

(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 PI ESA, including through (a) identification of past 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 (O.Reg.153/04, as amended) that is occurring or has occurred in a phase one Study area.

The APECs identified at the Site are summarized in the CSM (Appendix J) and on Figure 4.

8 Conclusions

8.1 Whether Phase Two ESA Required Before RSC Submitted

Based on the results and findings of the Phase One ESA, a Phase Two ESA is required to investigate the APECs identified on the Site (Section 7.3).

9 Closure

The findings and conclusions of this report have been supervised and reviewed by the undersigned Qualified Person.

As QP_{ESA}, I confirm that I have supervised the carrying out of this Phase One ESA, findings and conclusions of this report.

We trust this report is satisfactory for your purposes. Should you have any questions, please do not hesitate to contact this office.

Yours truly,

EXP Services Inc.



Kate Miles, P.Eng.
Senior Environmental Scientist
Environmental Services



Amanda Catenaro, P.Geo., QP_{ESA}
Senior Project Manager
Environmental Services

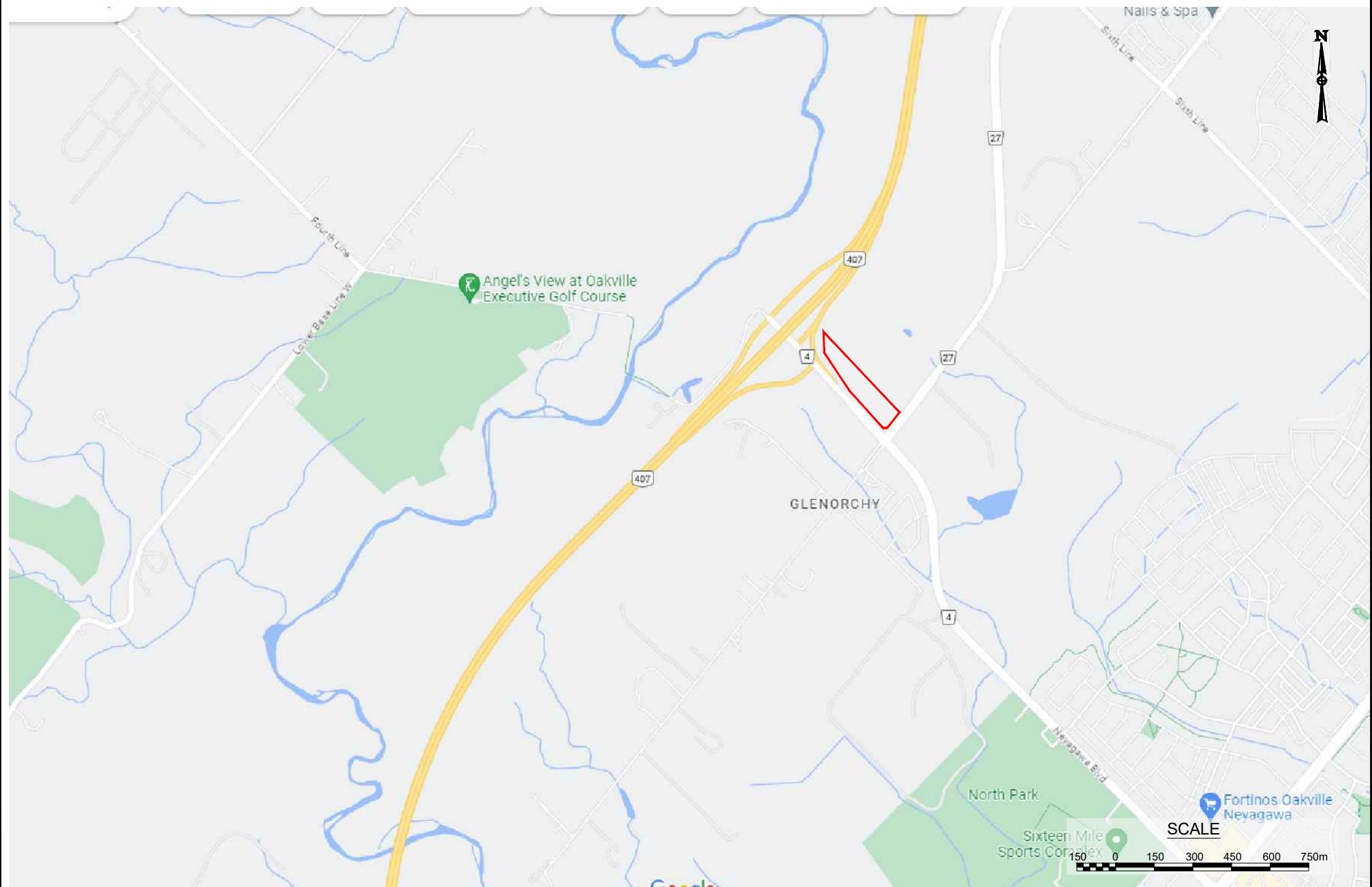
10 References

- Occupational Health and Safety Act - Ministry of Labour (MOL)
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- Waste Disposal Site Inventory. Waste Management Branch Ontario Ministry of the Environment, June 1991.
- Ontario Inventory of PCB Storage Sites. Ontario Ministry of the Environment, 1993- 2003-2004.
- Catalogue of Canadian Fire Insurance Plans 1875 – 1975
- Ontario Ministry of the Environment, Brownfields Registry website (www.ene.gov.on.ca/environet/BESR/index.htm)
- Ontario Ministry of the Environment, Environmental Registry website (www.ene.gov.on.ca/envision/env_reg/ebr/english/index.htm)
- Ontario Ministry of Natural Resources, Natural Heritage website (www.mnr.gov.on.ca/MNR/nhic/areas.cfm)
- Ontario Regulation 153/04. Records of Site Condition. Environmental Protection Act. 2021.
- McGill Digital Library website (<https://digital.library.mcgill.ca/countyatlas/searchmapframes.php>)

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*Phase One Environmental Site Assessment
Neyagawa Boulevard, Oakville, Ontario
GTR-23012833-A0
November 13, 2023*

Figures



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LEGEND:

— APPROXIMATE SITE BOUNDARY

SCALE

50 0 50 100 150 m

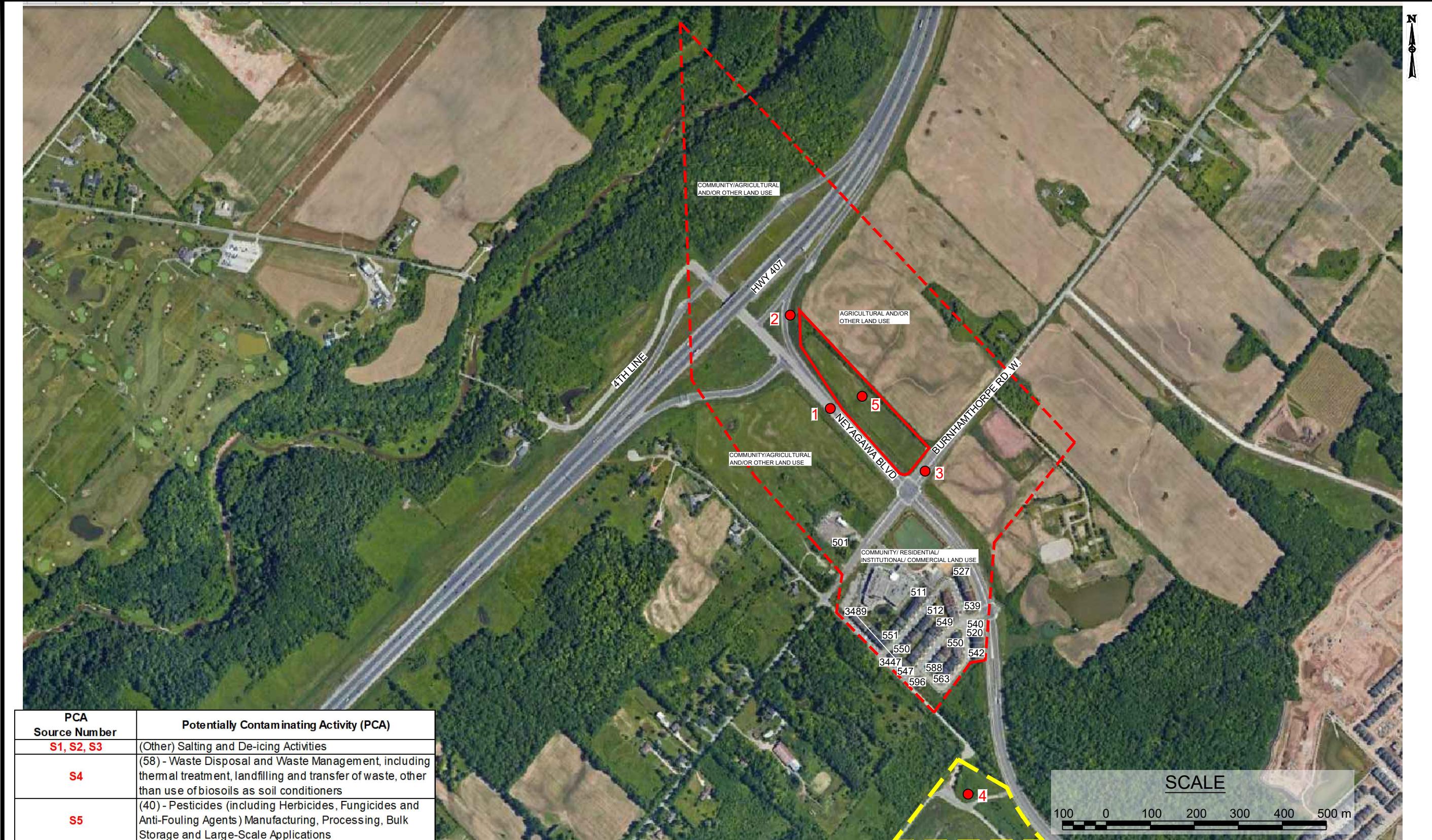
TITLE AND LOCATION:

SITE LOCATION PLAN
NEYAGAWA BOULEVARD,
OAKVILLE, ONTARIO

PROJECT NO.: GTR-23012833-A0 **DWN.:** K.G.

SCALE: AS NOTED **CK.:** A.C.

DATE: OCTOBER 2023 **FIG. NO.:** 1



\exp\data\BRM\GTR-22012833-A0\060_Execution65 Drawings\GTR-22012833-A0.dwg

PCA Source Number	Potentially Contaminating Activity (PCA)
S1, S2, S3	(Other) Salting and De-icing Activities
S4	(58) - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosolids as soil conditioners
S5	(40) - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

LEGEND:

- APPROXIMATE SITE BOUNDARY
- PHASE ONE STUDY AREA
- PCA CONTRIBUTING TO APEC
- PCA OF DE MINIMIS CONCERN
- LOCATIONS OUTSIDE 250M INCLUDED IN PHASE ONE STUDY AREA

APEC - AREAS OF POTENTIAL ENVIRONMENTAL CONCERN
PCA - POTENTIALLY CONTAMINATING ACTIVITY
(28) - INDICATES ITEM NUMBER OF O. REG. 153/04 SCHEDULE D, TABLE 2

TITLE AND LOCATION:
PHASE ONE STUDY AREA, SURROUNDING LAND USE AND POTENTIALLY CONTAMINATING ACTIVITIES
NEYAGAWA BOULEVARD,
OAKVILLE, ONTARIO

JOB NO.: GTR-22017294-B0 DRAWN BY: K.G.
SCALE: AS NOTED CHECKED BY: A.C.
DATE: OCTOBER 2023 FIG NO.: 2



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LEGEND:

- APPROXIMATE SITE BOUNDARY
- TEST HOLE WITH MONITORING WELL (OTHERS, UNKNOWN)

TITLE AND LOCATION:

SITE PLAN
NEYAGAWA BOULEVARD,
OAKVILLE, ONTARIO

PROJECT NO.: GTR-23012833-A0

DWN.: K.G.

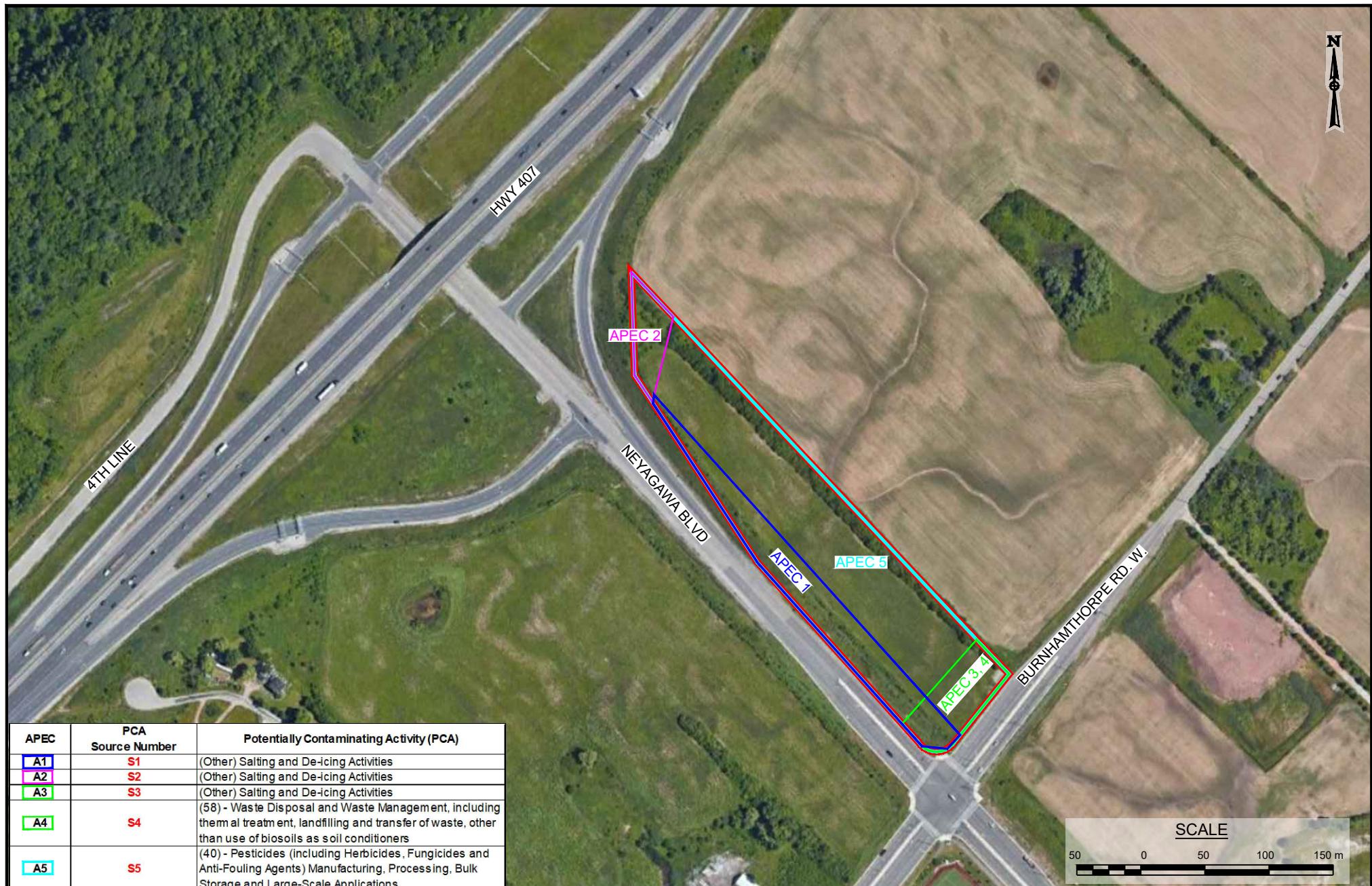
SCALE: AS NOTED

CK: A.C.

DATE: OCTOBER 2023

FIG. NO.: 3

SCALE
50 0 50 100 150 m



APEC	PCA Source Number	Potentially Contaminating Activity (PCA)
A1	S1	(Other) Salting and De-icing Activities
A2	S2	(Other) Salting and De-icing Activities
A3	S3	(Other) Salting and De-icing Activities
A4	S4	(58) - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosolids as soil conditioners
A5	S5	(40) - Pesticides (Including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

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LEGEND:

— APPROXIMATE SITE BOUNDARY

APEC - AREAS OF POTENTIAL ENVIRONMENTAL CONCERN
PCA - POTENTIALLY CONTAMINATING ACTIVITY
(28) - INDICATES ITEM NUMBER OF O. REG. 153/04 SCHEDULE D, TABLE 2

TITLE AND LOCATION:

AREAS OF POTENTIAL
ENVIRONMENTAL CONCERN
NEYAGAWA BOULEVARD,
OAKVILLE, ONTARIO

PROJECT NO.:	GTR-23012833-A0	DWN.:	K.G.
SCALE:	AS NOTED	CK:	A.C.
DATE:	OCTOBER 2023	FIG. NO.:	4

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*Phase One Environmental Site Assessment
Neyagawa Boulevard, Oakville, Ontario
GTR-23012833-A0
November 13, 2023*

Tables

TABLE I

SITE ENVIRONMENTAL SETTING DATA

Neyagawa Boulevard, Oakville, Ontario

NATIVE SOIL AND BEDROCK

Type: Native silty clay to clayey silt
Hydraulic Conductivity: Unknown
Percent Sand: Unknown
Depth to Bedrock: 20 mbgs
Bedrock Type: Queenston Formation, Georgian Bay Formation, Blue Mountain Formation, Billings Formation, Collingwood Member and Eastview Member consisting of shale, limestone, dolostone and siltstone

GROUND WATER

Depth to Water Table: Approximately 3 to 7 m
Estimated or Measured: Estimated (Oak Ridges Moraine Water Table Map)
Direction of Flow: North/Northwest
Estimated or Measured: Estimated (Oak Ridges Moraine Water Table Map)

POTABLE WATER AND SEWERS

Potable Water Source: Halton Region
Municipal Water Source: Lake Ontario and Groundwater
Distance to Nearest Municipal Water Well: n/a
Distance to Nearest Private Water Well: 100 m
Sanitary Sewage System: Town of Oakville
Storm Water System: Town of Oakville

SURFACE WATER

Name of Nearest Water Body: East Sixteen Mile Creek
Distance from Site: 385 m North
Elevation Drop from Site: 20 m
Direct Drainage from Site: no

TABLE II

TABLE OF CURRENT AND PAST USES OF THE PHASE ONE PROPERTY

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

Neyagawa Boulevard, Oakville, Ontario

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
Prior to October 31, 1809	Crown			
October 31, 1809 to June 9, 1820	Jacob Huffman			
June 9, 1820 to June 9, 1820	James Finch			
June 9, 1820 to March 23, 1822	George Marvin			
March 23, 1822 to September 7, 1833	Samuel Finch			
September 7, 1833 to March 9, 1835	Thomas Fitzgerald			
March 9, 1835 to March 13, 1844	Newton Bosworth			
March 13, 1844 to August 22, 1845	Andrew Biggar			
August 22, 1845 to April 11, 1856	John Askin			
April 11, 1856 to February 7, 1863	Francis Campell			
February 7, 1863 to August 27, 1904	John Askin			
August 27, 1904 to December 5, 1909	Frank Askin			
December 5, 1909 to October 28, 1926	William John Johnston			
October 28, 1926 to December 12, 1951	Albert Hubert Johnston			
December 12, 1951 to July 4, 1989	Jean Arlene Wright			
July 4, 1989 to July 21, 2012	Dorham Holdings Inc.			
July 21, 2012 to present	Burnhamthorpe/Oakville Holdings Inc.			

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GTR-23012833-A0

Notes:

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

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

2 - when submitting a record of site condition for filing, a copy of this table must be attached

****Cette publication hautement spécialisée n'est disponible qu'en anglais en vertu du règlement 671/92, qui en exempte l'application de la Loi sur les services en français. Pour obtenir de l'aide en français, veuillez communiquer avec le ministère de l'Environnement au 1-800-461-6290**

Appendix A – Limitations of Use



LIMITATIONS AND USE OF REPORT

BASIS OF REPORT

The Report is based on site conditions known or inferred by the investigation undertaken as of the date of the Report. Should changes occur which potentially impact the condition of the site the recommendations of EXP may require re-evaluation. Where special concerns exist, or the Client has special considerations or requirements, these should be disclosed to EXP to allow for additional or special investigations to be undertaken not otherwise within the scope of investigation conducted for the purpose of the Report.

Where applicable, recommended field services are the minimum necessary to ascertain that construction is being carried out in general conformity with building code guidelines, generally accepted practices and EXP's recommendations. Any reduction in the level of services recommended will result in EXP providing qualified opinions regarding the adequacy of the work. EXP can assist design professionals or contractors retained by the Client to review applicable plans, drawings, and specifications as they relate to the Report or to conduct field reviews during construction.

RELIANCE ON INFORMATION PROVIDED

The evaluation and conclusions contained in the Report are based on conditions in evidence at the time of site inspections and information provided to EXP by the Client and others. The Report has been prepared for the specific site, development, building, design or building assessment objectives and purpose as communicated by the Client. EXP has relied in good faith upon such representations, information and instructions and accepts no responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of any misstatements, omissions, misrepresentation or fraudulent acts of persons providing information. Unless specifically stated otherwise, the applicability and reliability of the findings, recommendations, suggestions or opinions expressed in the Report are only valid to the extent that there has been no material alteration to or variation from any of the information provided to EXP.

STANDARD OF CARE

This report ("Report") has been prepared in a manner consistent with the degree of care and skill exercised by engineering consultants currently practicing under similar circumstances and locale. No other warranty, expressed or implied, is made. Unless specifically stated otherwise, the Report does not contain environmental consulting advice.

COMPLETE REPORT

All documents, records, data and files, whether electronic or otherwise, generated as part of this assignment form part of the Report. This material includes, but is not limited to, the terms of reference given to EXP by the Client, communications between EXP and the Client, other reports, proposals or documents prepared by EXP for the Client in connection with the site described in the Report. In order to properly understand the suggestions, recommendations and opinions expressed in the Report, reference must be made to the Report in its entirety. EXP is not responsible for use by any party of portions of the Report.



USE OF REPORT

The information and opinions expressed in the Report, or any document forming part of the Report, are for the sole benefit of the Client. No other party may use or rely upon the Report in whole or in part without the written consent of EXP. Any use of the Report, or any portion of the Report, by a third party are the sole responsibility of such third party. EXP is not responsible for damages suffered by any third party resulting from unauthorised use of the Report.

REPORT FORMAT

Where EXP has submitted both electronic file and a hard copy of the Report, or any document forming part of the Report, only the signed and sealed hard copy shall be the original documents for record and working purposes. In the event of a dispute or discrepancy, the hard copy shall govern. Electronic files transmitted by EXP utilize specific software and hardware systems. EXP makes no representation about the compatibility of these files with the Client's current or future software and hardware systems. Regardless of format, the documents described herein are EXP's instruments of professional service and shall not be altered without the written consent of EXP.

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*Phase One Environmental Site Assessment
Neyagawa Boulevard, Oakville, Ontario
GTR-23012833-A0
November 13, 2023*

Appendix B – Ontario Base Map

PLAN OF SURVEY
SHOWING TOPOGRAPHICAL INFORMATION OF
PART OF LOT 20
CONCESSION 2
NORTH OF DUNDAS STREET
GEOGRAPHIC TOWNSHIP OF TRAFALGAR
TOWN OF OAKVILLE
REGIONAL MUNICIPALITY OF HALTON

SCALE 1:500
0 10 20 30 40 50m

A KRCMAR SURVEYORS LTD. 2023

METRIC: DISTANCES AND COORDINATES SHOWN HEREON ARE IN METRES
AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

BEARING
BEARINGS SHOWN HEREON ARE GRID DERIVED FROM GPS OBSERVATIONS OF
REFERRED TO THE 6' UTM COORDINATES LISTED BELOW ARE TO URBAN ACCURACY AND COMPLY WITH
SUBSECTION 14(2) OF ONTARIO REGULATION 216/10 FILED UNDER THE SURVEYORS ACT.

NAD 83 (CSRS) (2010) (CENTRAL MERIDIAN 81°00' WEST LONGITUDE)
THE UTM COORDINATES LISTED BELOW ARE TO URBAN ACCURACY AND COMPLY WITH
SUBSECTION 14(2) OF ONTARIO REGULATION 216/10 FILED UNDER THE SURVEYORS ACT.

17, CENTRAL MERIDIAN 81°00' WEST LONGITUDE.
NAD 83 (CSRS) (2010)

DISTANCES SHOWN HEREON ARE GROUND DISTANCES AND CAN BE
CONVERTED TO GRID DISTANCES BY MULTIPLYING BY A COMBINED SCALE
FACTOR OF 0.999725.

INTEGRATION DATA

6' UTM ZONE 17 COORDINATES

NAD 83 (CSRS) (2010) (CENTRAL MERIDIAN 81°00' WEST LONGITUDE)

THE UTM COORDINATES LISTED BELOW ARE TO URBAN ACCURACY AND COMPLY WITH
SUBSECTION 14(2) OF ONTARIO REGULATION 216/10 FILED UNDER THE SURVEYORS ACT.

17, CENTRAL MERIDIAN 81°00' WEST LONGITUDE.
NAD 83 (CSRS) (2010)

MONUMENT ID. NORTHING EASTING

④ CP(OU) 4 815 333.381 599 940.941

⑥ CC(OU) 4 815 066.881 600 270.284

REFERENCE POINTS

POINT NORTHING EASTING

1 4 815 322.76 599 933.82

2 4 815 028.99 600 234.68

3 4 814 984.07 600 181.42

4 4 815 250.52 599 947.16

COORDINATE VALUES SHOWN ARE FOR GEOGRAPHIC INFORMATION SYSTEM INTEGRATION ONLY.
COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.

ELEVATION

ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE RELATED TO THE TOWN
OF OAKVILLE BENCHMARK No. 263, HAVING AN ELEVATION OF 158.480 METRES.

(VERTICAL DATUM: COVD28: PRE78)

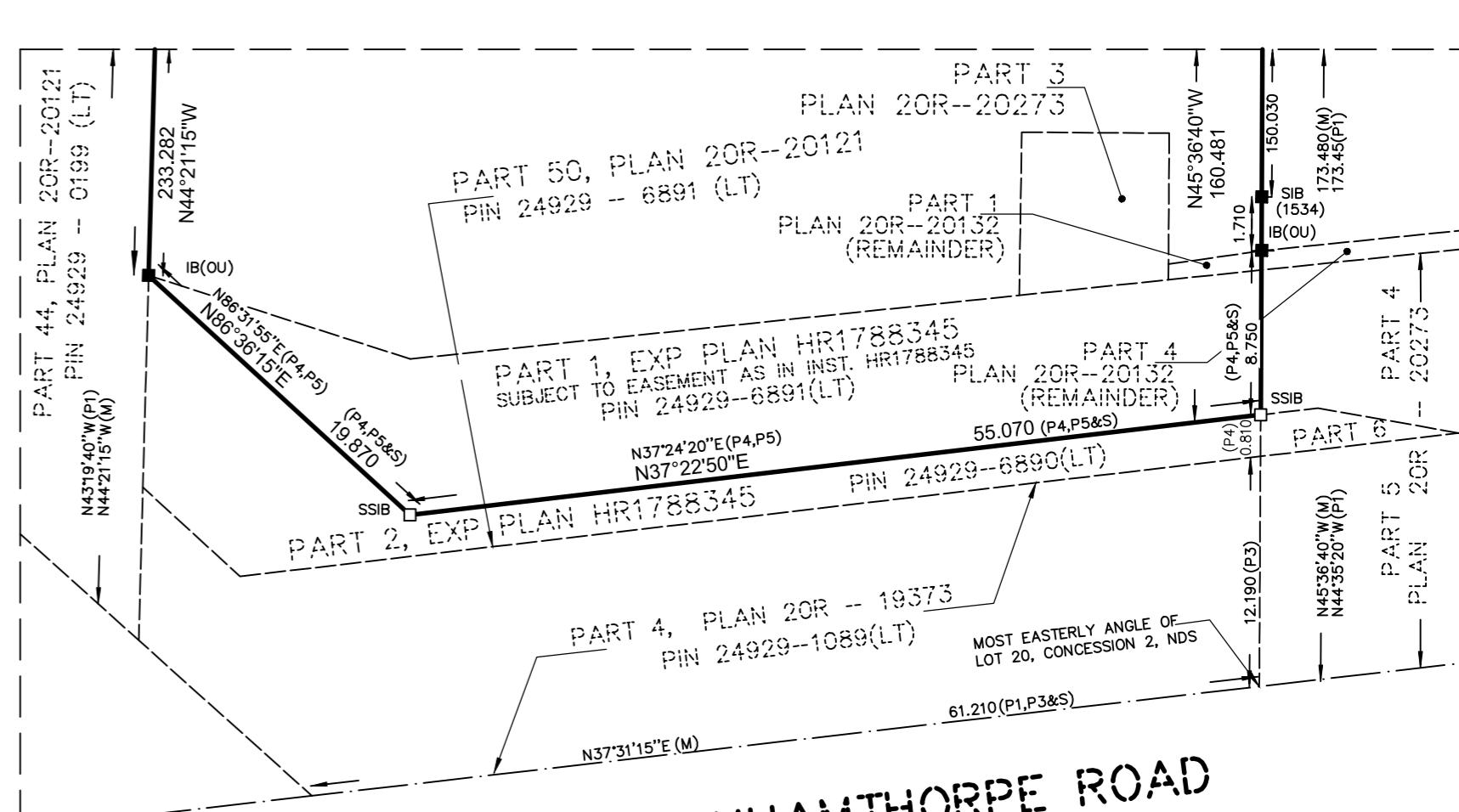
LEGEND

- DENOTES SURVEY MONUMENT FOUND
- SIB DENOTES SURVEY MONUMENT PLANTED
- SSIB DENOTES STANDARD IRON BAR
- IB DENOTES SHORT STANDARD IRON BAR
- CP DENOTES CONCRETE PIN
- CC DENOTES CUT CROSS (M)
- (S) DENOTES MEASURED
- (M) DENOTES MEASURED
- (U) DENOTES ORIGIN UNKNOWN
- (W) DENOTES WITNESS
- (P1) DENOTES PLAN 20R-16345
- (P2) DENOTES PLAN 20R-11833
- (P3) DENOTES PLAN 20R-11732
- (P4) DENOTES PLAN 20R-20273
- (P5) DENOTES EXPROPRIATION PLAN HR1788345
- (P6) DENOTES PLAN 20R-20121
- (P7) DENOTES PLAN 20R-20121
- (P8) DENOTES CATER & HORWOOD, LTD. O.L.S.
- (CH) DENOTES D. E. HUNT, O.L.S.
- (1280) DENOTES S. KIKAS, O.L.S.
- (MM) DENOTES MASON MARKS, ONTARIO LIMITED, O.L.S.
- EXP. DENOTES EXPROPRIATION
- NDS DENOTES NORTH OF DUNDAS STREET
- (TC) DENOTES TOP OF CURB
- (BC) DENOTES BOTTOM OF CURB
- AWP DENOTES ANCHOR WOOD POST
- EGE DENOTES EXISTING GRADE ELEVATION
- SPED DENOTES BELL PEDESTAL
- CB DENOTES CATCH BASIN
- DT DENOTES DECIDUOUS TREE WITH TRUNK DIAMETER
- DAW DENOTES DOWN GUY ANCHOR
- HW DENOTES HYDRO HAND WELL
- LSP DENOTES LAMP STANDARD
- MH DENOTES MANHOLE
- SP DENOTES SIGN
- TL DENOTES TRAFFIC LIGHT
- TLALS DENOTES TRAFFIC LIGHT WITH LAMP STANDARD

SURVEY REPORT

1. THE RE-ESTABLISHMENT OF THE SUBJECT PROPERTY BOUNDARIES IS BASED ON INFORMATION CONTAINED IN THE RELEVANT TITLE DOCUMENTS, REGISTERED PLANS AND ON THE EVIDENCE OF PRIOR SURVEYS FOUND DURING THE COURSE OF PREPARING THE SUBJECT SURVEY.
2. THE TYPE AND LOCATION OF THE EXISTING BUILDINGS AND OTHER IMPROVEMENTS, FENCES ETC., ON OR NEAR THE SUBJECT PROPERTY ARE AS SHOWN ON THE SURVEY PLAN.
3. COMPLIANCE WITH MUNICIPAL ZONING REQUIREMENTS IS NOT CERTIFIED BY THIS REPORT.
4. THE LAND COMPRISSES ALL OF PIN 24929-6891(LT)
5. THE PROPERTY SUBJECT TO EASEMENT AS IN INST. HR1788345 (PART 1, EXPROPRIATION PLAN HR1788345)

TOTAL SITE AREA = 2.4050 ha



SURVEYOR'S CERTIFICATE

I CERTIFY THAT:
1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM.

2. THE SURVEY WAS COMPLETED ON THE 31st DAY OF OCTOBER, 2023

DATE NOVEMBER 2, 2023

STUART M. MOORE
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN
SUBMISSION FORM NUMBER V-60195

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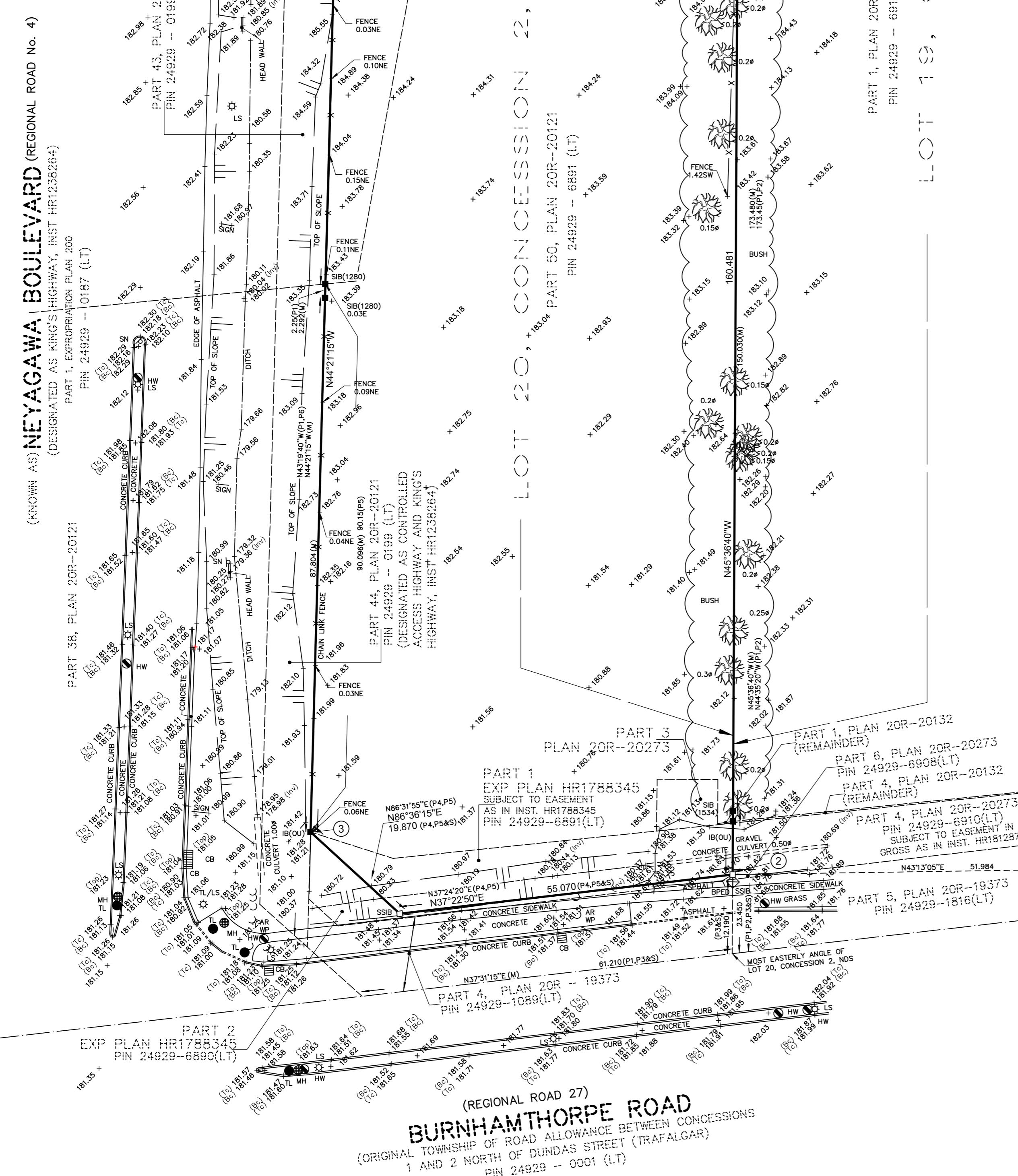
MUNICIPAL ADDRESS: Burnhamthorpe Rd. West & Newagawa Blvd., Oakville

FIELD: D.L. DRAWN: J.M. CHECKED: S.M.M. JOB NO: 23-155

DWS NAME: 23-155801 PLOT INFO: 15.23/02/2023 WORK ORDER NO: 38807

1137 Centre Street, Thornhill, ON L4J 3M6 905.738.0053 F905.738.9222 www.krcmar.ca

PLAN AVAILABLE AT www.ProtectYourBoundaries.ca



(REGIONAL ROAD 27)
BURNHAMTHORPE ROAD
(ORIGINAL TOWNSHIP OF ROAD ALLOWANCE BETWEEN CONCESSIONS
1 AND 2 NORTH OF DUNDAS STREET (TRAFALGAR)
PIN 24929 - 0001 (LT)

KRCMAR

EXP Services Inc.

*Phase One Environmental Site Assessment
Neyagawa Boulevard, Oakville, Ontario
GTR-23012833-A0
November 13, 2023*

Appendix C – Qualifications

Qualifications of Assessors

Amanda Catenaro, M.E.Sc., P.Geo., QP_{ESA} (Senior Project Manager)

Amanda Catenaro graduated from McMaster University in 2012 with a Bachelor of Science degree in Environmental Science, specialized in Hydrogeology and Climatology. She completed her Master of Environmental Science Degree from the University of Toronto in 2013. Ms. Catenaro has worked on a number of Phase One and Two environmental site assessments, delineation programs, ex-situ and in-situ remediation projects, and peer reviews since joining EXP Services Inc. in 2013. Ms. Catenaro is a Professional Geologist (P.Geo.) in Ontario and is a Qualified Person (QP) for environmental site assessments under Ontario Regulation 153/04.

Ms. Catenaro has international experience working on environmental projects in the United Kingdom and United States of America, including undertaking desk studies, risk assessments, and remediation projects (strategy development, design, implementation and validation). She has closed-out projects in a variety of specialized sectors such as transportation, highway, rail, and water schemes.

Kate Miles, B.Sc. (Project Scientist)

Kate Miles graduated from Queen's University with a Bachelor of Science in Chemical Engineering in 2010, and from Ryerson University's Chang School of Continuing Education with a certificate in Environmental Engineering Science in 2014. She has over eight years of experience in environmental consulting. She is a licensed professional engineer in Ontario.

Tyler McKay, B.E.S (Hons.), EMA (Junior Environmental Field Technician)

Tyler McKay obtained his Honours Bachelor of Environmental Studies with certificates in GIS/remote sensing and sustainable energy from York University in 2020. Mr. McKay then completed the Environmental Management and Assessment graduate certificate program from Niagara College in 2023. During this time, he interned for four months at EXP Services Inc.

Since joining EXP full time in April of 2023, Mr. McKay has worked on borehole drilling and monitoring well installation, soil and groundwater sampling and analysis, Phase I site visits of industrial, commercial, and agricultural properties, soil vapour probe installation, along with Phase I and II ESA report writing.

EXP Services Inc.

*Phase One Environmental Site Assessment
Neyagawa Boulevard, Oakville, Ontario
GTR-23012833-A0
November 13, 2023*

Appendix D – Chain of Title



PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND
REGISTRY
OFFICE #20

24929-6891 (LT)

PAGE 1 OF 2
PREPARED FOR bertucci
ON 2023/10/24 AT 20:12:08

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

PROPERTY DESCRIPTION: PART LOT 20, CON 2 TRAF NDS, PARTS 1,2 20R16345 EXCEPT PART 4 20R19373 & PART 2 HR1788345; SUBJECT TO AN EASEMENT OVER PART 1 HR1788345 AS IN HR1788345; TOWN OF OAKVILLE

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIEDRECENTLY:
DIVISION FROM 24929-1090PIN CREATION DATE:
2021/05/10OWNERS' NAMES
BURNHAMTHORPE/OAKVILLE HOLDINGS INC.CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT		INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2021/05/10 **				
**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 **					
20R9368	1989/06/09	PLAN REFERENCE				C
722973	1989/07/04	TRANSFER	\$2,520,468		DORHAM HOLDINGS INC.	C
20R16345	2005/09/19	PLAN REFERENCE				C
HR1038082	2012/07/31	TRANSFER	\$3,400,413	DORHAM HOLDINGS INC.	BURNHAMTHORPE/OAKVILLE HOLDINGS INC.	C
REMARKS: PLANNING ACT STATEMENTS						
HR1039713	2012/08/03	CHARGE	\$1,730,000	BURNHAMTHORPE/OAKVILLE HOLDINGS INC.	MASHHOUR-SHOKRMAVANEH, NASRIN	C
20R19318	2012/08/08	PLAN REFERENCE				C
20R19373	2012/10/10	PLAN REFERENCE				C
HR1238264	2014/12/29	APL (GENERAL)		HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF ONTARIO, REPRESENTED BY THE MINISTER OF TRANSPORTATION FOR THE PROVINCE OF ONTARIO		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
				REMARKS: DESIGNATES AS CONTROLLED ACCESS HIGHWAY AND KING'S HIGHWAY		
20R20121	2015/06/01	PLAN REFERENCE				C
20R20132	2015/06/08	PLAN REFERENCE				C
20R20273	2015/10/20	PLAN REFERENCE				C
HR1787441	2021/05/05	CERTIFICATE		THE REGIONAL MUNICIPALITY OF HALTON		C
		REMARKS: APPROVAL TO EXPROPRIATE				
HR1788345	2021/05/07	PLAN EXPROPRIATION			THE REGIONAL MUNICIPALITY OF HALTON	C
		REMARKS: 1,2				
HR1802020	2021/06/22	CHARGE	\$30,000,000	BURNHAMTHORPE/OAKVILLE HOLDINGS INC.	GLOBAL ELITE INC LIMITED	C
HR1928650	2022/10/19	APL (GENERAL)		HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF ONTARIO, REPRESENTED BY THE MINISTER OF TRANSPORTATION FOR THE PROVINCE OF ONTARIO		C
		REMARKS: ORDER IN COUNCIL				

CHAIN OF TITLE REPORT

Project #: GTR-23012833-A0
 Address: e/s Neyawaga Blvd., Oakville
 Legal Part Lot 20 Con 2 Traf NDS
 Description: Parts 1 & 2 20R16345, Ex Part 4 20R19373
 PIN #: Part 2 HR1788345
24929-6891 (LT)

Searched at: Milton
 LRO #: 20

Page 1

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 Acres)	31 10 1809	Crown	Jacob HUFFMAN
555	Deed	09 06 1820	Jacob Huffman	James FINCH
55	Deed	09 06 1820	James Finch	George MARVIN
782	Deed	23 03 1822	George Marvin	Samuel FINCH
436	Deed	07 09 1833	Samuel Finch	Thomas FITZGERALD
293	Deed	09 03 1835	Thomas Fitzgerald	Newton BOSWORTH
353	Deed	13 03 1844	Newton Bosworth	Andrew BIGGAR
189	Deed	22 08 1845	Andrew Biggar	John ASKIN
387	Deed	11 04 1856	John Askin	Francis CAMPBELL

Cont'd on Page 2

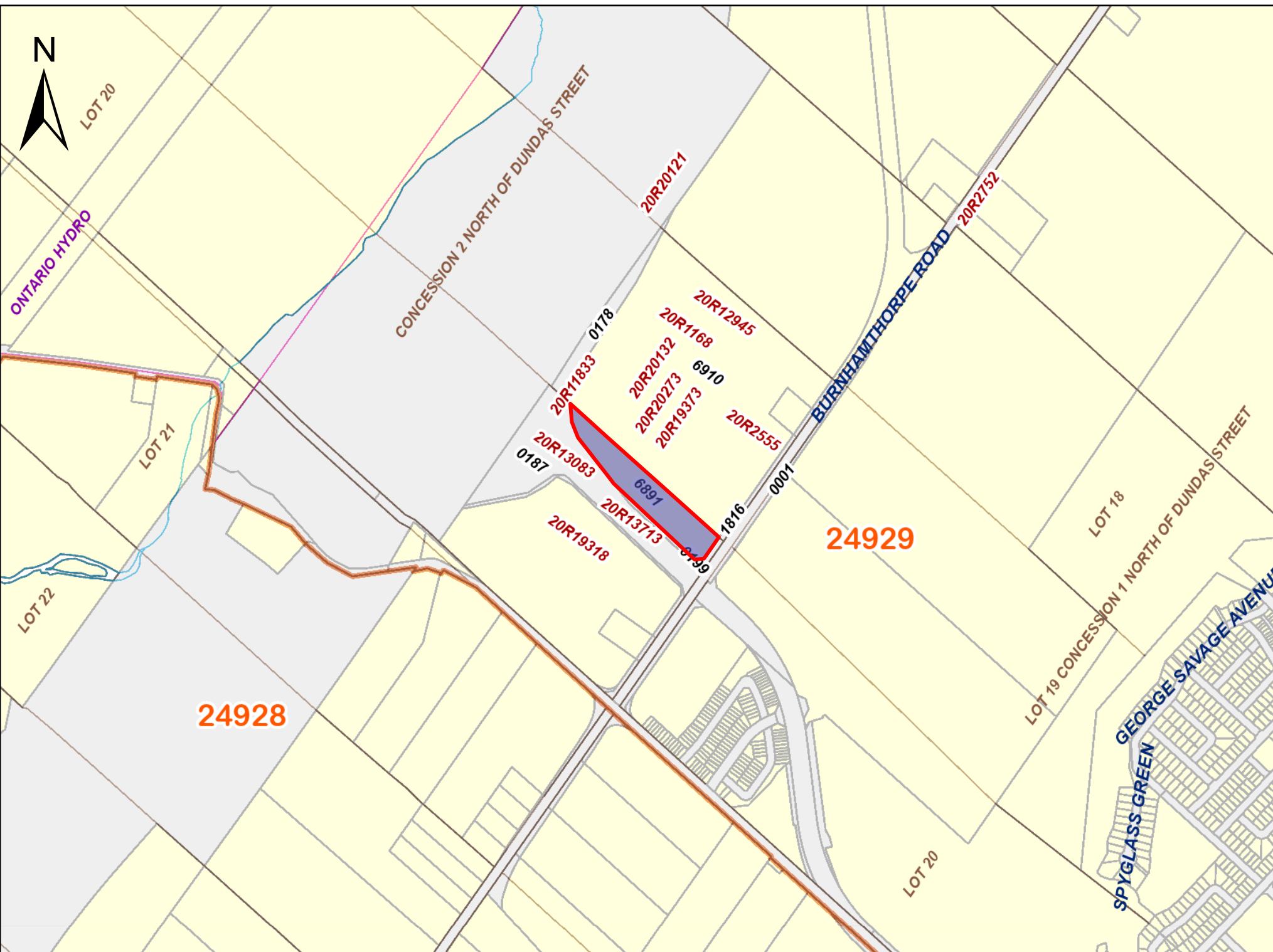
CHAIN OF TITLE REPORT

Project #: GTR-23012833-40
 Address: e/s Neyawaga Blvd., Oakville
 Legal: Part Lot 20 Con 2 Traf NDS
 Description: Parts 1 & 2 20R16345, Ex Part 4 20R19373
 PIN #: Part 2 HR1788345
24929-6891 (LT)

Searched at: Milton
 LRO #: .20

Page 2

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
142	Deed	07 02 1863	Francis Campbell	John ASKIN
8404	Will	27 08 1904	John Askin - Estate	Frank ASKIN
9690	Deed	12 05 1909	Frank Askin	William John JOHNSTON
158587	Deed	28 10 1926	William John Johnston	Albert Hubert JOHNSTON
25962	Deed	12 12 1951	Albert Hubert Johnston	Jean Arlene WRIGHT
722973	Deed	04 07 1989	Jean Arlene Wright	Dorham Holdings Inc.
HR1038082	Deed (Present Owner)	31 07 2012	Dorham Holdings Inc.	Burnhamthorpe/Oakville Holdings Inc.



ServiceOntario

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FOR BERTUCCI

SCALE

PROPERTY INDEX MAP

HALTON(No. 20)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND
DOCUMENTS RECORDED IN THE LAND
REGISTRATION SYSTEM AND HAS BEEN PREPARED
FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE
RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



Ontario

EXP Services Inc.

*Phase One Environmental Site Assessment
Neyagawa Boulevard, Oakville, Ontario
GTR-23012833-A0
November 13, 2023*

Appendix E – ERIS Report



DATABASE REPORT

Project Property: *Neyagawa Boulevard
Neyagawa Boulevard
Oakville ON*

Project No: *GTR-23012833-A0*

Report Type: *Quote - Custom-Build Your Own Report*

Order No: *23101800255*

Requested by: *exp Services Inc.*

Date Completed: *October 20, 2023*

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Executive Summary

Property Information:

Project Property: *Neyagawa Boulevard
Neyagawa Boulevard Oakville ON*

Project No: *GTR-23012833-A0*

Order Information:

Order No: *23101800255*
Date Requested: *October 18, 2023*
Requested by: *exp Services Inc.*
Report Type: *Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs *Aerials - National Collection*
City Directory Search *CD - QUOTE Custom City Directory Search*
ERIS Xplorer *[ERIS Xplorer](#)*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	9	9
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	12	12
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPR2	<i>National Pollutant Release Inventory 1993-2020</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory - Historic</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PFCH	<i>NPRI Reporters - PFAS Substances</i>	Y	0	0	0
PFHA	<i>Potential PFAS Handers from NPRI</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	1	1
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	0	0
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	3	3

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
		Total:	0	25	25

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
----------------	-----------	--------------------------	----------------	---------------------	----------------------	--------------------

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>1</u>	EHS		NE & NW corners of Burnhamthorpe Rd W & Neyagawa Blvd Oakville ON	SSE/42.4	-3.74	17
<u>2</u>	EHS		337-353 Burnhamthorpe Rd W Oakville ON	ENE/102.4	-0.84	17
<u>3</u>	WWIS		lot 20 con 2 ON	S/171.8	-4.74	17
			<i>Well ID:</i> 2802214			
<u>4</u>	EHS		501 Burnhamthorpe Road West Oakville ON L6M 4K7	S/181.3	-4.68	20
<u>4</u>	EHS		501 Burnhamthorpe Road West Oakville ON L6M 4K7	S/181.3	-4.68	20
<u>5</u>	RSC	Sherborne Lodge Developments Limited	382 BURNHAMTHORPE RD W, OAKVILLE, ON, L6M 4K3 ON L6M 4K3	E/182.5	-3.91	20
<u>6</u>	EHS		2142 Dorham Site Oakville ON L6M 4K2	SW/192.8	-1.27	21
<u>6</u>	EHS		2142 Dorham Site Oakville ON L6M 4K2	SW/192.8	-1.27	21
<u>7</u>	WWIS		374 BURNHAMTHORPE Oakville ON	E/196.2	-4.62	21
			<i>Well ID:</i> 7279653			
<u>8</u>	EHS		Concession 2 NDS, Lot 20 Oakville ON L6M 4K7	SW/197.1	-1.64	23
<u>8</u>	EHS		Concession 2 NDS, Lot 20 Oakville ON L6M 4K7	SW/197.1	-1.64	24
<u>9</u>	EHS		Neyagawa Blvd 407 Hwy Oakville ON	SW/222.3	-4.84	24

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>10</u>	WWIS		ON Well ID: 7257332	E/244.9	-5.79	<u>24</u>
<u>11</u>	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	S/247.6	-7.43	<u>25</u>
<u>11</u>	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	S/247.6	-7.43	<u>26</u>
<u>11</u>	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	S/247.6	-7.43	<u>26</u>
<u>11</u>	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	S/247.6	-7.43	<u>26</u>
<u>11</u>	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON	S/247.6	-7.43	<u>27</u>
<u>11</u>	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	S/247.6	-7.43	<u>27</u>
<u>11</u>	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	S/247.6	-7.43	<u>28</u>
<u>11</u>	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	S/247.6	-7.43	<u>28</u>
<u>11</u>	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	S/247.6	-7.43	<u>29</u>
<u>11</u>	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	S/247.6	-7.43	<u>29</u>
<u>11</u>	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	S/247.6	-7.43	<u>30</u>
<u>11</u>	GEN	King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	S/247.6	-7.43	<u>30</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
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Executive Summary: Summary By Data Source

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2023 has found that there are 9 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	NE & NW corners of Burnhamthorpe Rd W &Neyagawa Blvd Oakville ON	42.4	<u>1</u>
	337-353 Burnhamthorpe Rd W Oakville ON	102.4	<u>2</u>
	501 Burnhamthorpe Road West Oakville ON L6M 4K7	181.3	<u>4</u>
	501 Burnhamthorpe Road West Oakville ON L6M 4K7	181.3	<u>4</u>
	2142 Dorham Site Oakville ON L6M 4K2	192.8	<u>6</u>
	2142 Dorham Site Oakville ON L6M 4K2	192.8	<u>6</u>
	Concession 2 NDS, Lot 20 Oakville ON L6M 4K7	197.1	<u>8</u>
	Concession 2 NDS, Lot 20 Oakville ON L6M 4K7	197.1	<u>8</u>
	Neyagawa Blvd 407 Hwy Oakville ON	222.3	<u>9</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 12 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	247.6	<u>11</u>
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	247.6	<u>11</u>
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	247.6	<u>11</u>
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	247.6	<u>11</u>
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	247.6	<u>11</u>
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	247.6	<u>11</u>
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	247.6	<u>11</u>
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	247.6	<u>11</u>
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	247.6	<u>11</u>
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	247.6	<u>11</u>
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	247.6	<u>11</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
King's Christian Collegiate	528 Burnhamthorpe Road West Oakville ON L6M 4K6	247.6	11

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Aug 2023 has found that there are 1 RSC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Sherborne Lodge Developments Limited	382 BURNHAMTHORPE RD W, OAKVILLE, ON, L6M 4K3 ON L6M 4K3	182.5	5

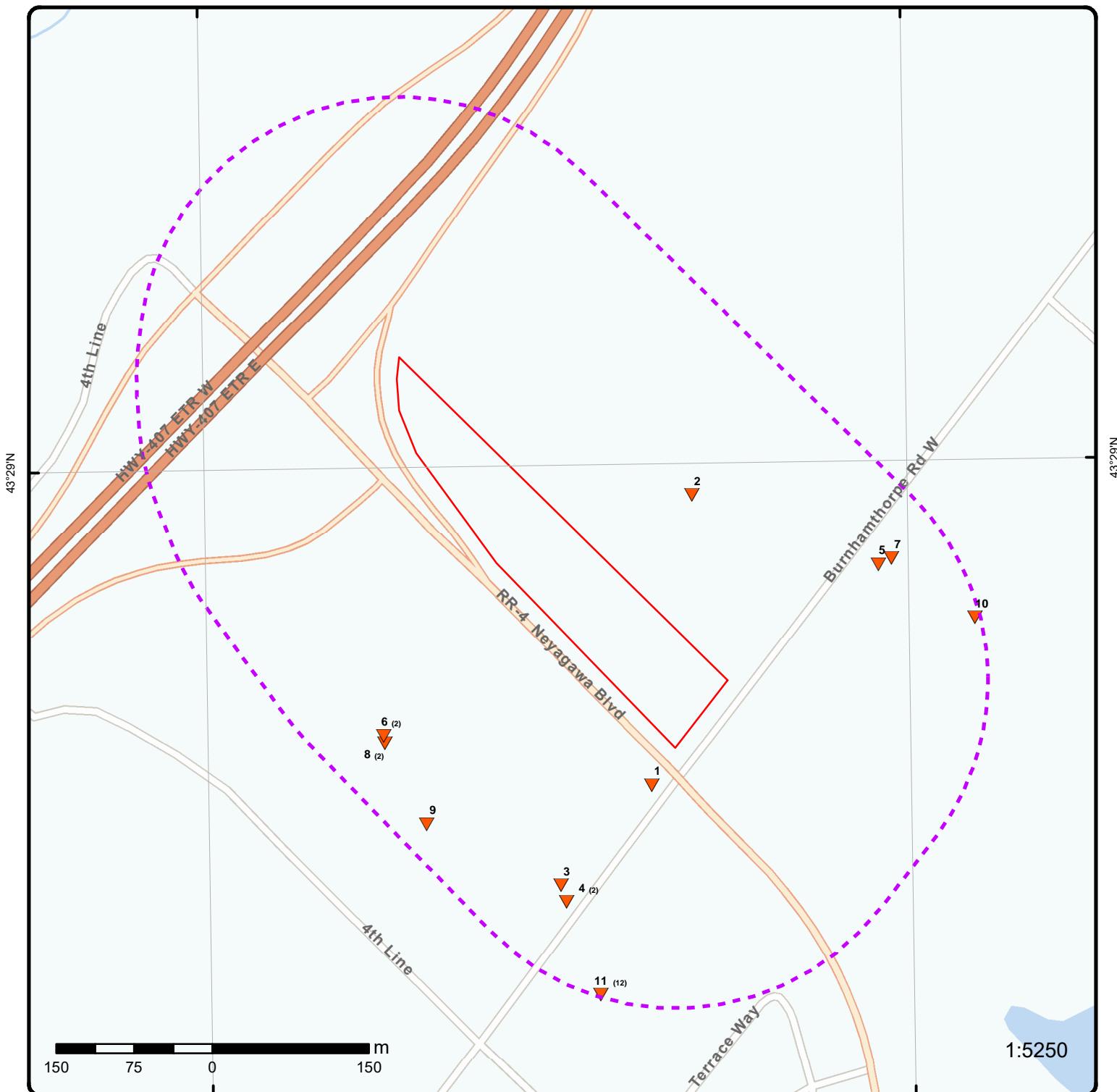
WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31 2023 has found that there are 3 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 20 con 2 ON	171.8	3
	<i>Well ID:</i> 2802214		
	374 BURNHAMTHORPE Oakville ON	196.2	7
	<i>Well ID:</i> 7279653		
	ON	244.9	10
	<i>Well ID:</i> 7257332		

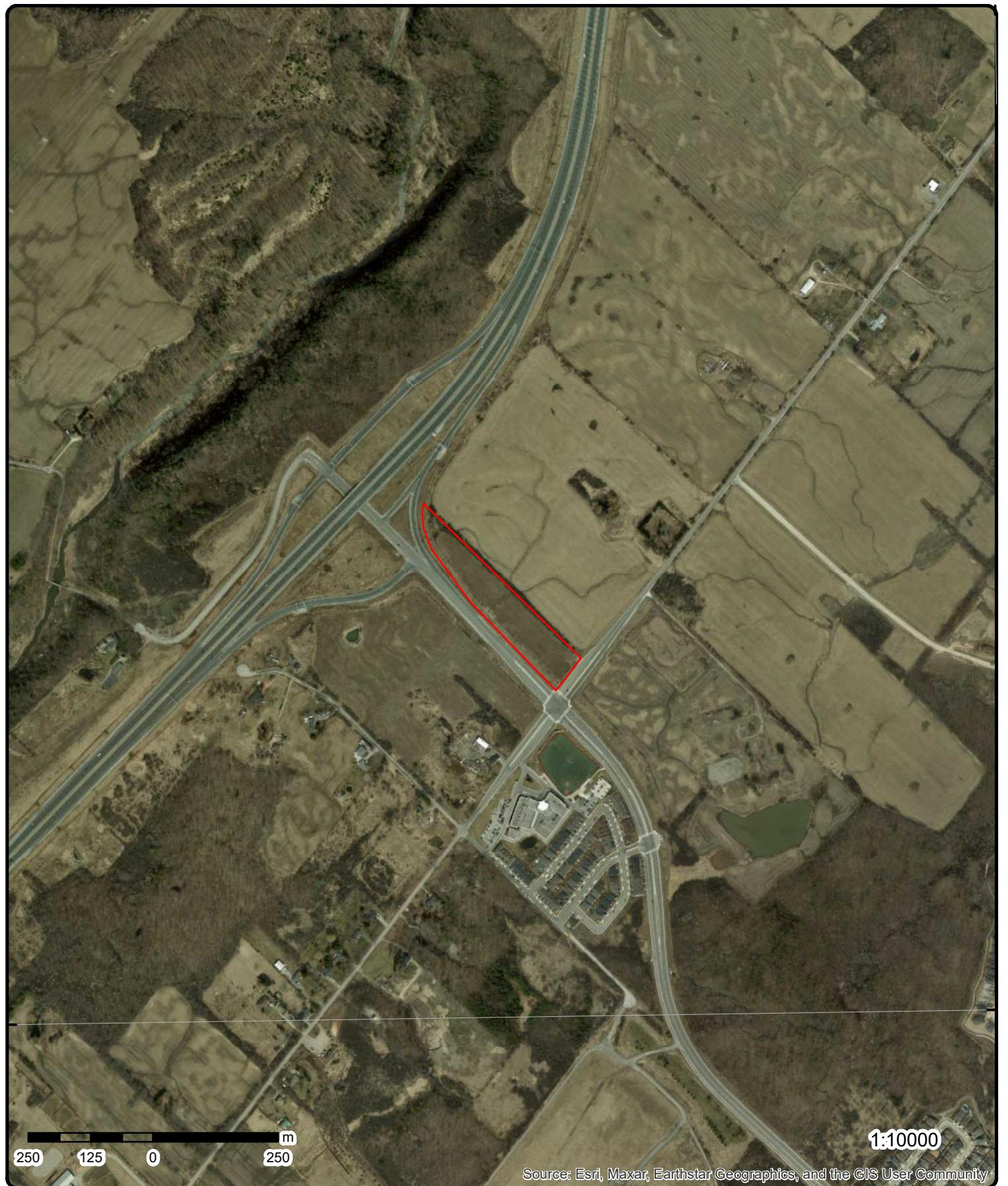
79°46'W

79°45'30"W



ERIS

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



Aerial Year: 2022

Address: Neyagawa Boulevard, Oakville, ON

Source: ESRI World Imagery

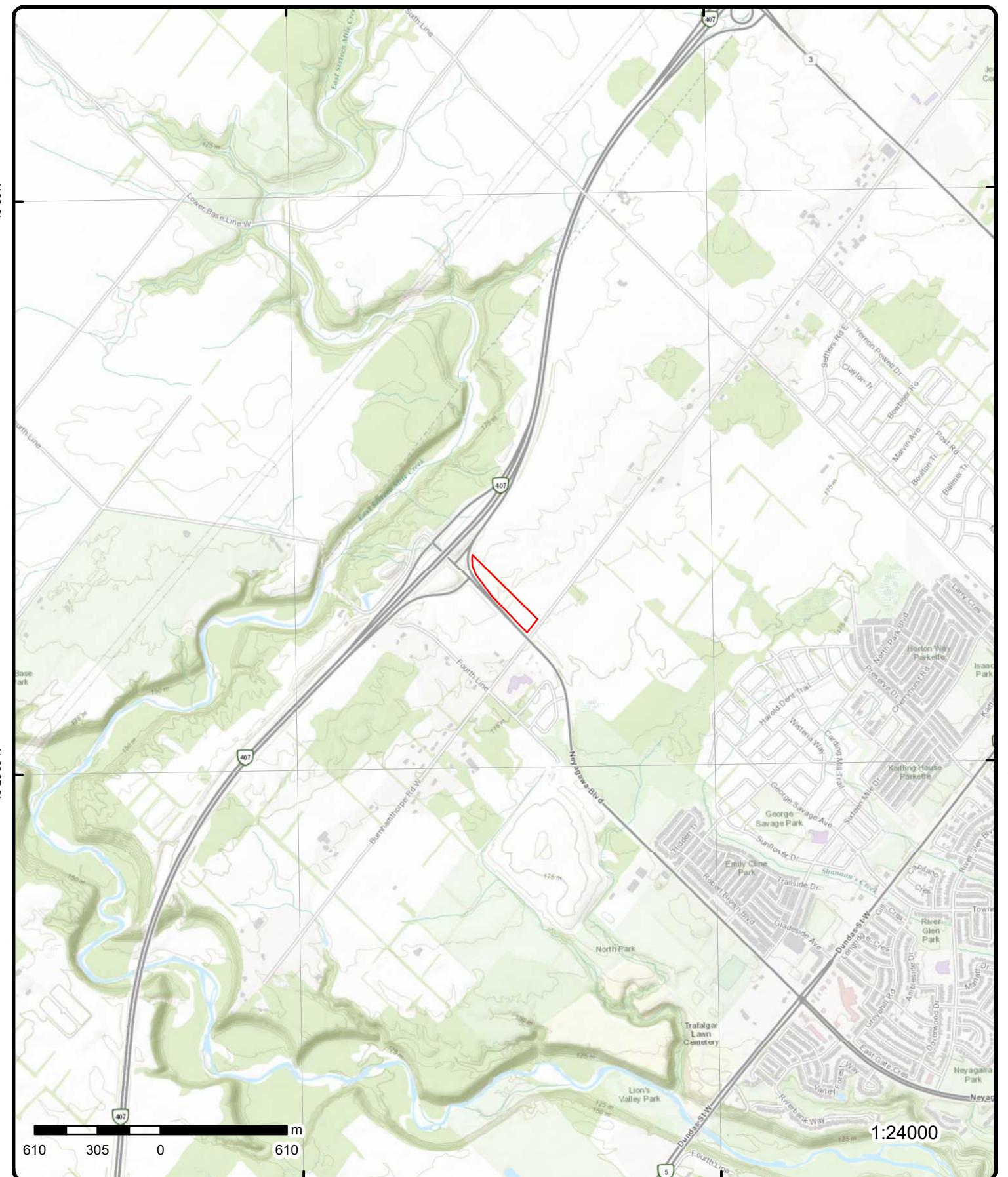
Order Number: 23101800255

ERIS

© ERIS Information Limited Partnership

79°46'30"W

79°45'W



Detail Report

Map Key	Number of Records	Direction/Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	SSE/42.4	181.9 / -3.74	NE & NW corners of Burnhamthorpe Rd W &Neyagawa Blvd Oakville ON	EHS
Order No:	20051207002			Nearest Intersection:	Burnhamthorpe Road West and Neyagawa Blvd
Status:	C			Municipality:	
Report Type:	Complete Report			Client Prov/State:	ON
Report Date:	12/15/2005			Search Radius (km):	0.35
Date Received:	12/7/2005			X:	-79.761444
Previous Site Name:				Y:	43.480558
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans, Unplotted Water Wells				
<u>2</u>	1 of 1	ENE/102.4	184.8 / -0.84	337-353 Burnhamthorpe Rd W Oakville ON	EHS
Order No:	20120430037			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	5/9/2012			Search Radius (km):	0.25
Date Received:	4/30/2012			X:	-79.760918
Previous Site Name:				Y:	43.483056
Lot/Building Size:					
Additional Info Ordered:					
<u>3</u>	1 of 1	S/171.8	180.9 / -4.74	lot 20 con 2 ON	WWIS
Well ID:	2802214			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/27/1956
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1642
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	HALTON
Elevatn Reliability:				Lot:	020
Depth to Bedrock:				Concession:	02
Well Depth:				Concession Name:	DS N
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	OAKVILLE TOWN				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802214.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Additional Detail(s) (Map)</u>					
<i>Well Completed Date:</i>	10/22/1956				
<i>Year Completed:</i>	1956				
<i>Depth (m):</i>	16.764				
<i>Latitude:</i>	43.4797036314793				
<i>Longitude:</i>	-79.7625394222679				
<i>Path:</i>	280\2802214.pdf				

Bore Hole Information

<i>Bore Hole ID:</i>	10148768	<i>Elevation:</i>	
<i>DP2BR:</i>		<i>Elevrc:</i>	
<i>Spatial Status:</i>		<i>Zone:</i>	17
<i>Code OB:</i>		<i>East83:</i>	600075.60
<i>Code OB Desc:</i>		<i>North83:</i>	4814831.00
<i>Open Hole:</i>		<i>Org CS:</i>	
<i>Cluster Kind:</i>		<i>UTMRC:</i>	9
<i>Date Completed:</i>	10/22/1956	<i>UTMRC Desc:</i>	unknown UTM
<i>Remarks:</i>		<i>Location Method:</i>	p9
<i>Loc Method Desc:</i>	Original Pre1985 UTM Rel Code 9: unknown UTM		
<i>Elevrc Desc:</i>			
<i>Location Source Date:</i>			
<i>Improvement Location Source:</i>			
<i>Improvement Location Method:</i>			
<i>Source Revision Comment:</i>			
<i>Supplier Comment:</i>			

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

<i>Formation ID:</i>	931427968
<i>Layer:</i>	1
<i>Color:</i>	
<i>General Color:</i>	
<i>Mat1:</i>	05
<i>Most Common Material:</i>	CLAY
<i>Mat2:</i>	
<i>Mat2 Desc:</i>	
<i>Mat3:</i>	
<i>Mat3 Desc:</i>	
<i>Formation Top Depth:</i>	0.0
<i>Formation End Depth:</i>	34.0
<i>Formation End Depth UOM:</i>	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID: 930253141
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 55.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930253140
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 35.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

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

Water Details

Water ID: 933604267

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Layer:</i>	1				
<i>Kind Code:</i>	1				
<i>Kind:</i>	FRESH				
<i>Water Found Depth:</i>	53.0				
<i>Water Found Depth UOM:</i>	ft				
Links					
<i>Bore Hole ID:</i>	10148768			<i>Tag No:</i>	
<i>Depth M:</i>	16.764			<i>Contractor:</i>	1642
<i>Year Completed:</i>	1956			<i>Latitude:</i>	43.4797036314793
<i>Well Completed Dt:</i>	10/22/1956			<i>Longitude:</i>	-79.7625394222679
<i>Audit No:</i>				<i>Y:</i>	43.479703628968174
<i>Path:</i>	280\2802214.pdf			<i>X:</i>	-79.7625392730826
<u>4</u>	1 of 2	S/181.3	181.0 / -4.68	501 Burnhamthorpe Road West Oakville ON L6M 4K7	EHS
<i>Order No:</i>	20200630730			<i>Nearest Intersection:</i>	
<i>Status:</i>	C			<i>Municipality:</i>	
<i>Report Type:</i>	Standard Report			<i>Client Prov/State:</i>	ON
<i>Report Date:</i>	06-JUL-20			<i>Search Radius (km):</i>	.25
<i>Date Received:</i>	30-JUN-20			<i>X:</i>	-79.7624738
<i>Previous Site Name:</i>				<i>Y:</i>	43.4795573
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
<u>4</u>	2 of 2	S/181.3	181.0 / -4.68	501 Burnhamthorpe Road West Oakville ON L6M 4K7	EHS
<i>Order No:</i>	20200630730			<i>Nearest Intersection:</i>	
<i>Status:</i>	C			<i>Municipality:</i>	
<i>Report Type:</i>	Standard Report			<i>Client Prov/State:</i>	ON
<i>Report Date:</i>	06-JUL-20			<i>Search Radius (km):</i>	.25
<i>Date Received:</i>	30-JUN-20			<i>X:</i>	-79.7624738
<i>Previous Site Name:</i>				<i>Y:</i>	43.4795573
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
<u>5</u>	1 of 1	E/182.5	181.7 / -3.91	Sherborne Lodge Developments Limited 382 BURNHAMTHORPE RD W, OAKVILLE, ON, L6M 4K3 ON L6M 4K3	RSC
<i>RSC ID:</i>	50311			<i>Cert Date:</i>	27-Jan-09
<i>RA No:</i>				<i>Cert Prop Use No:</i>	No CPU
<i>RSC Type:</i>				<i>Intended Prop Use:</i>	Residential
<i>Curr Property Use:</i>	Agriculture/Other			<i>Qual Person Name:</i>	David Stewart
<i>Ministry District:</i>	OAKVILLE			<i>Stratified (Y/N):</i>	
<i>Filing Date:</i>	15-Apr-09			<i>Audit (Y/N):</i>	
<i>Date Ack:</i>				<i>Entire Leg Prop. (Y/N):</i>	Yes
<i>Date Returned:</i>				<i>Accuracy Estimate:</i>	0 to 1 meters
<i>Restoration Type:</i>				<i>Telephone:</i>	905-8292424
<i>Soil Type:</i>				<i>Fax:</i>	905-8292002
<i>Criteria:</i>				<i>Email:</i>	david.stewart@mattamycorp.com
<i>CPU Issued Sect 1686:</i>	No				
<i>Asmt Roll No:</i>	2.40101E+18				
<i>Prop ID No (PIN):</i>	24929 - 0219 (LT)				
<i>Property Municipal Address:</i>	382 BURNHAMTHORPE RD W, OAKVILLE, ON, L6M 4K3				
<i>Mailing Address:</i>	2360 BRISTOL CIR, OAKVILLE, ON, L6H 6M5				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Latitude & Longitude:</i>	43.47916670N 79.75666670W				
<i>UTM Coordinates:</i>	NAD83 17-600551-4814778 (converted from Latitude & Longitude)				
<i>Consultant:</i>					
<i>Legal Desc:</i>	PT LTS 19 & 20, CON 1 TRAF NDS, PT 1 20R17350; OAKVILLE				
<i>Measurement Method:</i>	Global Positioning System				
<i>Applicable Standards:</i>	ESA Phase 1				
<i>RSC PDF:</i>					
<u>6</u>	1 of 2	SW/192.8	184.4 / -1.27	2142 Dorham Site Oakville ON L6M 4K2	EHS
<i>Order No:</i>	21120800687			<i>Nearest Intersection:</i>	
<i>Status:</i>	C			<i>Municipality:</i>	
<i>Report Type:</i>	Custom Report			<i>Client Prov/State:</i>	ON
<i>Report Date:</i>	13-DEC-21			<i>Search Radius (km):</i>	.25
<i>Date Received:</i>	08-DEC-21			<i>X:</i>	-79.76461355
<i>Previous Site Name:</i>				<i>Y:</i>	43.48101963
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>	Fire Insur. Maps and/or Site Plans; Aerial Photos				
<u>6</u>	2 of 2	SW/192.8	184.4 / -1.27	2142 Dorham Site Oakville ON L6M 4K2	EHS
<i>Order No:</i>	21120800687			<i>Nearest Intersection:</i>	
<i>Status:</i>	C			<i>Municipality:</i>	
<i>Report Type:</i>	Custom Report			<i>Client Prov/State:</i>	ON
<i>Report Date:</i>	13-DEC-21			<i>Search Radius (km):</i>	.25
<i>Date Received:</i>	08-DEC-21			<i>X:</i>	-79.76461355
<i>Previous Site Name:</i>				<i>Y:</i>	43.48101963
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>	Fire Insur. Maps and/or Site Plans; Aerial Photos				
<u>7</u>	1 of 1	E/196.2	181.0 / -4.62	374 BURNHAMTHORPE Oakville ON	WWIS
<i>Well ID:</i>	7279653			<i>Flowing (Y/N):</i>	
<i>Construction Date:</i>				<i>Flow Rate:</i>	
<i>Use 1st:</i>				<i>Data Entry Status:</i>	
<i>Use 2nd:</i>				<i>Data Src:</i>	
<i>Final Well Status:</i>	Abandoned-Other			<i>Date Received:</i>	01/25/2017
<i>Water Type:</i>				<i>Selected Flag:</i>	TRUE
<i>Casing Material:</i>				<i>Abandonment Rec:</i>	Yes
<i>Audit No:</i>	Z244773			<i>Contractor:</i>	7472
<i>Tag:</i>				<i>Form Version:</i>	7
<i>Constructn Method:</i>				<i>Owner:</i>	
<i>Elevation (m):</i>				<i>County:</i>	HALTON
<i>Elevatn Reliability:</i>				<i>Lot:</i>	
<i>Depth to Bedrock:</i>				<i>Concession:</i>	
<i>Well Depth:</i>				<i>Concession Name:</i>	
<i>Overburden/Bedrock:</i>				<i>Easting NAD83:</i>	
<i>Pump Rate:</i>				<i>Northing NAD83:</i>	
<i>Static Water Level:</i>				<i>Zone:</i>	
<i>Clear/Cloudy:</i>				<i>UTM Reliability:</i>	
<i>Municipality:</i>	OAKVILLE TOWN				
<i>Site Info:</i>					
<i>PDF URL (Map):</i>					
Additional Detail(s) (Map)					
<i>Well Completed Date:</i> 12/02/2016					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Year Completed:</i>	2016				
<i>Depth (m):</i>					
<i>Latitude:</i>	43.482487788949				
<i>Longitude:</i>	-79.758557709171				
<i>Path:</i>					

Bore Hole Information

<i>Bore Hole ID:</i>	1006343488	<i>Elevation:</i>	
<i>DP2BR:</i>		<i>Elevrc:</i>	
<i>Spatial Status:</i>		<i>Zone:</i>	17
<i>Code OB:</i>		<i>East83:</i>	600393.00
<i>Code OB Desc:</i>		<i>North83:</i>	4815145.00
<i>Open Hole:</i>		<i>Org CS:</i>	UTM83
<i>Cluster Kind:</i>		<i>UTMRC:</i>	4
<i>Date Completed:</i>	12/02/2016	<i>UTMRC Desc:</i>	margin of error : 30 m - 100 m
<i>Remarks:</i>		<i>Location Method:</i>	wwr
<i>Loc Method Desc:</i>	on Water Well Record		
<i>Elevrc Desc:</i>			
<i>Location Source Date:</i>			
<i>Improvement Location Source:</i>			
<i>Improvement Location Method:</i>			
<i>Source Revision Comment:</i>			
<i>Supplier Comment:</i>			

Overburden and Bedrock

Materials Interval

<i>Formation ID:</i>	1006551323
<i>Layer:</i>	
<i>Color:</i>	
<i>General Color:</i>	
<i>Mat1:</i>	
<i>Most Common Material:</i>	
<i>Mat2:</i>	
<i>Mat2 Desc:</i>	
<i>Mat3:</i>	
<i>Mat3 Desc:</i>	
<i>Formation Top Depth:</i>	
<i>Formation End Depth:</i>	
<i>Formation End Depth UOM:</i>	ft

Annular Space/Abandonment Sealing Record

<i>Plug ID:</i>	1006551329
<i>Layer:</i>	1
<i>Plug From:</i>	0.0
<i>Plug To:</i>	26.0
<i>Plug Depth UOM:</i>	ft

Method of Construction & Well Use

<i>Method Construction ID:</i>	1006551328
<i>Method Construction Code:</i>	
<i>Method Construction:</i>	
<i>Other Method Construction:</i>	

Pipe Information

<i>Pipe ID:</i>	1006551322
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Casing No: 0

Comment:

Alt Name:

Construction Record - Casing

Casing ID: 1006551326

Layer: 1

Material:

Open Hole or Material:

Depth From:

Depth To:

Casing Diameter:

Casing Diameter UOM: inch

Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006551327

Layer:

Slot:

Screen Top Depth:

Screen End Depth:

Screen Material:

Screen Depth UOM: ft

Screen Diameter UOM: inch

Screen Diameter:

Water Details

Water ID: 1006551325

Layer:

Kind Code:

Kind:

Water Found Depth:

Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006551324

Diameter: 60.0

Depth From: 0.0

Depth To: 26.0

Hole Depth UOM: ft

Hole Diameter UOM: inch

Links

Bore Hole ID: 1006343488

Tag No:

Depth M:

7472

Year Completed: 2016

Contractor:

Well Completed Dt: 12/02/2016

43.482487788949

Audit No: Z244773

Latitude:

-79.758557709171

Path:

Longitude:

43.48248778681944

Y:

-79.75855755987733

8 **1 of 2** **SW/197.1** **184.0 / -1.64** **Concession 2 NDS, Lot 20** **EHS**

Oakville ON L6M 4K7

Order No: 21081700112

Nearest Intersection:

Status: C

Municipality: Oakville

Report Type: Custom Report

Client Prov/State: ON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Report Date:</i>	20-AUG-21			<i>Search Radius (km):</i>	.25
<i>Date Received:</i>	17-AUG-21			<i>X:</i>	-79.76459849
<i>Previous Site Name:</i>				<i>Y:</i>	43.48095101
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>					
<u>8</u>	2 of 2	SW/197.1	184.0 / -1.64	Concession 2 NDS, Lot 20 Oakville ON L6M 4K7	EHS
<i>Order No:</i>	21081700112			<i>Nearest Intersection:</i>	
<i>Status:</i>	C			<i>Municipality:</i>	Oakville
<i>Report Type:</i>	Custom Report			<i>Client Prov/State:</i>	ON
<i>Report Date:</i>	20-AUG-21			<i>Search Radius (km):</i>	.25
<i>Date Received:</i>	17-AUG-21			<i>X:</i>	-79.76459849
<i>Previous Site Name:</i>				<i>Y:</i>	43.48095101
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>					
<u>9</u>	1 of 1	SW/222.3	180.8 / -4.84	Neyagawa Blvd 407 Hwy Oakville ON	EHS
<i>Order No:</i>	20161122028			<i>Nearest Intersection:</i>	
<i>Status:</i>	C			<i>Municipality:</i>	Oakville
<i>Report Type:</i>	Standard Select Report			<i>Client Prov/State:</i>	ON
<i>Report Date:</i>	28-NOV-16			<i>Search Radius (km):</i>	.25
<i>Date Received:</i>	22-NOV-16			<i>X:</i>	-79.764118
<i>Previous Site Name:</i>				<i>Y:</i>	43.480248
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>					
<u>10</u>	1 of 1	E/244.9	179.8 / -5.79	ON	WWIS
<i>Well ID:</i>	7257332			<i>Flowing (Y/N):</i>	
<i>Construction Date:</i>				<i>Flow Rate:</i>	
<i>Use 1st:</i>				<i>Data Entry Status:</i>	Yes
<i>Use 2nd:</i>				<i>Data Src:</i>	
<i>Final Well Status:</i>				<i>Date Received:</i>	02/02/2016
<i>Water Type:</i>				<i>Selected Flag:</i>	TRUE
<i>Casing Material:</i>				<i>Abandonment Rec:</i>	
<i>Audit No:</i>	C31524			<i>Contractor:</i>	7230
<i>Tag:</i>	A184727			<i>Form Version:</i>	8
<i>Constructn Method:</i>				<i>Owner:</i>	
<i>Elevation (m):</i>				<i>County:</i>	HALTON
<i>Elevatn Reliability:</i>				<i>Lot:</i>	
<i>Depth to Bedrock:</i>				<i>Concession:</i>	
<i>Well Depth:</i>				<i>Concession Name:</i>	
<i>Overburden/Bedrock:</i>				<i>Easting NAD83:</i>	
<i>Pump Rate:</i>				<i>Northing NAD83:</i>	
<i>Static Water Level:</i>				<i>Zone:</i>	
<i>Clear/Cloudy:</i>				<i>UTM Reliability:</i>	
<i>Municipality:</i>	OAKVILLE TOWN				
<i>Site Info:</i>					
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
<i>Well Completed Date:</i>	05/01/2015				
<i>Year Completed:</i>	2015				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Depth (m):</i>					
<i>Latitude:</i>	43.4819639193354				
<i>Longitude:</i>	-79.7575791885942				
<i>Path:</i>					
<u>Bore Hole Information</u>					
<i>Bore Hole ID:</i>	1005880075			<i>Elevation:</i>	
<i>DP2BR:</i>				<i>Elevrc:</i>	
<i>Spatial Status:</i>				<i>Zone:</i>	17
<i>Code OB:</i>				<i>East83:</i>	600473.00
<i>Code OB Desc:</i>				<i>North83:</i>	4815088.00
<i>Open Hole:</i>				<i>Org CS:</i>	UTM83
<i>Cluster Kind:</i>				<i>UTMRC:</i>	4
<i>Date Completed:</i>	05/01/2015			<i>UTMRC Desc:</i>	margin of error : 30 m - 100 m
<i>Remarks:</i>				<i>Location Method:</i>	wwr
<i>Loc Method Desc:</i>		on Water Well Record			
<i>Elevrc Desc:</i>					
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Links</u>					
<i>Bore Hole ID:</i>	1005880075			<i>Tag No:</i>	A184727
<i>Depth M:</i>				<i>Contractor:</i>	7230
<i>Year Completed:</i>	2015			<i>Latitude:</i>	43.4819639193354
<i>Well Completed Dt:</i>	05/01/2015			<i>Longitude:</i>	-79.7575791885942
<i>Audit No:</i>	C31524			<i>Y:</i>	43.48196391687615
<i>Path:</i>				<i>X:</i>	-79.75757903976846
11	1 of 12	S/247.6	178.2 / -7.43	<i>King's Christian Collegiate 528 Burnhamthorpe Road West Oakville ON L6M 4K6</i>	GEN
<i>Generator No:</i>	ON6786230				
<i>SIC Code:</i>	611110				
<i>SIC Description:</i>	Elementary and Secondary Schools				
<i>Approval Years:</i>	2009				
<i>PO Box No:</i>					
<i>Country:</i>					
<i>Status:</i>					
<i>Co Admin:</i>					
<i>Choice of Contact:</i>					
<i>Phone No Admin:</i>					
<i>Contaminated Facility:</i>					
<i>MHSW Facility:</i>					
<u>Detail(s)</u>					
<i>Waste Class:</i>	148				
<i>Waste Class Name:</i>	INORGANIC LABORATORY CHEMICALS				
<i>Waste Class:</i>	252				
<i>Waste Class Name:</i>	WASTE OILS & LUBRICANTS				
<i>Waste Class:</i>	263				
<i>Waste Class Name:</i>	ORGANIC LABORATORY CHEMICALS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	2 of 12	S/247.6	178.2 / -7.43	<i>King's Christian Collegiate 528 Burnhamthorpe Road West Oakville ON L6M 4K6</i>	GEN
Generator No:	ON6786230				
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
Approval Years:	2010				
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:	263				
Waste Class Name:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	148				
Waste Class Name:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	252				
Waste Class Name:	WASTE OILS & LUBRICANTS				
11	3 of 12	S/247.6	178.2 / -7.43	<i>King's Christian Collegiate 528 Burnhamthorpe Road West Oakville ON L6M 4K6</i>	GEN
Generator No:	ON6786230				
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
Approval Years:	2011				
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:	148				
Waste Class Name:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	252				
Waste Class Name:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Name:	ORGANIC LABORATORY CHEMICALS				
11	4 of 12	S/247.6	178.2 / -7.43	<i>King's Christian Collegiate 528 Burnhamthorpe Road West Oakville ON L6M 4K6</i>	GEN
Generator No:	ON6786230				
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Approval Years:</i> <i>PO Box No:</i> <i>Country:</i> <i>Status:</i> <i>Co Admin:</i> <i>Choice of Contact:</i> <i>Phone No Admin:</i> <i>Contaminated Facility:</i> <i>MHSW Facility:</i>	2012				
<u>Detail(s)</u>					
<i>Waste Class:</i> <i>Waste Class Name:</i>	263 ORGANIC LABORATORY CHEMICALS				
<i>Waste Class:</i> <i>Waste Class Name:</i>	252 WASTE OILS & LUBRICANTS				
<i>Waste Class:</i> <i>Waste Class Name:</i>	148 INORGANIC LABORATORY CHEMICALS				
<u>11</u>	5 of 12	S/247.6	178.2 / -7.43	King's Christian Collegiate 528 Burnhamthorpe Road West Oakville ON	GEN
<i>Generator No:</i> <i>SIC Code:</i> <i>SIC Description:</i> <i>Approval Years:</i> <i>PO Box No:</i> <i>Country:</i> <i>Status:</i> <i>Co Admin:</i> <i>Choice of Contact:</i> <i>Phone No Admin:</i> <i>Contaminated Facility:</i> <i>MHSW Facility:</i>	ON6786230 611110 ELEMENTARY AND SECONDARY SCHOOLS 2013				
<u>Detail(s)</u>					
<i>Waste Class:</i> <i>Waste Class Name:</i>	148 INORGANIC LABORATORY CHEMICALS				
<i>Waste Class:</i> <i>Waste Class Name:</i>	252 WASTE OILS & LUBRICANTS				
<i>Waste Class:</i> <i>Waste Class Name:</i>	263 ORGANIC LABORATORY CHEMICALS				
<u>11</u>	6 of 12	S/247.6	178.2 / -7.43	King's Christian Collegiate 528 Burnhamthorpe Road West Oakville ON L6M 4K6	GEN
<i>Generator No:</i> <i>SIC Code:</i> <i>SIC Description:</i> <i>Approval Years:</i> <i>PO Box No:</i> <i>Country:</i> <i>Status:</i> <i>Co Admin:</i> <i>Choice of Contact:</i> <i>Phone No Admin:</i>	ON6786230 611110 ELEMENTARY AND SECONDARY SCHOOLS 2016 Canada CO_OFFICIAL				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminated Facility: MHSW Facility:	No No				
<u>Detail(s)</u>					
Waste Class:	148				
Waste Class Name:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	252				
Waste Class Name:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Name:	ORGANIC LABORATORY CHEMICALS				
11	7 of 12	S/247.6	178.2 / -7.43	King's Christian Collegiate 528 Burnhamthorpe Road West Oakville ON L6M 4K6	GEN
Generator No:	ON6786230				
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
Approval Years:	2015				
PO Box No:					
Country:	Canada				
Status:					
Co Admin:					
Choice of Contact:	CO_OFFICIAL				
Phone No Admin:					
Contaminated Facility:	No				
MHSW Facility:	No				
<u>Detail(s)</u>					
Waste Class:	148				
Waste Class Name:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	252				
Waste Class Name:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Name:	ORGANIC LABORATORY CHEMICALS				
11	8 of 12	S/247.6	178.2 / -7.43	King's Christian Collegiate 528 Burnhamthorpe Road West Oakville ON L6M 4K6	GEN
Generator No:	ON6786230				
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
Approval Years:	2014				
PO Box No:					
Country:	Canada				
Status:					
Co Admin:					
Choice of Contact:	CO_OFFICIAL				
Phone No Admin:					
Contaminated Facility:	No				
MHSW Facility:	No				
<u>Detail(s)</u>					
Waste Class:	263				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	148				
Waste Class Name:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	252				
Waste Class Name:	WASTE OILS & LUBRICANTS				

11	9 of 12	S/247.6	178.2 / -7.43	King's Christian Collegiate 528 Burnhamthorpe Road West Oakville ON L6M 4K6	GEN
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Generator No: ON6786230

SIC Code:

SIC Description:

Approval Years: As of Dec 2018

PO Box No:

Country: Canada

Status: Registered

Co Admin:

Choice of Contact:

Phone No Admin:

Contaminated Facility:

MHSW Facility:

Detail(s)

Waste Class: 148 C

Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 148 L

Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 252 L

Waste Class Name: Waste crankcase oils and lubricants

Waste Class: 263 B

Waste Class Name: Misc. waste organic chemicals

11	10 of 12	S/247.6	178.2 / -7.43	King's Christian Collegiate 528 Burnhamthorpe Road West Oakville ON L6M 4K6	GEN
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Generator No: ON6786230

SIC Code:

SIC Description:

Approval Years: As of Jul 2020

PO Box No:

Country: Canada

Status: Registered

Co Admin:

Choice of Contact:

Phone No Admin:

Contaminated Facility:

MHSW Facility:

Detail(s)

Waste Class: 148 L

Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 252 L

Waste Class Name: Waste crankcase oils and lubricants

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:	263 B				
Waste Class Name:	Misc. waste organic chemicals				
Waste Class:	148 C				
Waste Class Name:	Misc. wastes and inorganic chemicals				
11	11 of 12	S/247.6	178.2 / -7.43	King's Christian Collegiate 528 Burnhamthorpe Road West Oakville ON L6M 4K6	GEN
Generator No:	ON6786230				
SIC Code:					
SIC Description:					
Approval Years:	As of Nov 2021				
PO Box No:					
Country:	Canada				
Status:	Registered				
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:	252 L				
Waste Class Name:	Waste crankcase oils and lubricants				
Waste Class:	263 I				
Waste Class Name:	Misc. waste organic chemicals				
Waste Class:	122 C				
Waste Class Name:	Alkaline slutions - containing other metals and non-metals (not cyanide)				
Waste Class:	148 L				
Waste Class Name:	Misc. wastes and inorganic chemicals				
Waste Class:	263 B				
Waste Class Name:	Misc. waste organic chemicals				
Waste Class:	145 I				
Waste Class Name:	Wastes from the use of pigments, coatings and paints				
Waste Class:	148 C				
Waste Class Name:	Misc. wastes and inorganic chemicals				
11	12 of 12	S/247.6	178.2 / -7.43	King's Christian Collegiate 528 Burnhamthorpe Road West Oakville ON L6M 4K6	GEN
Generator No:	ON6786230				
SIC Code:					
SIC Description:					
Approval Years:	As of Oct 2022				
PO Box No:					
Country:	Canada				
Status:	Registered				
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:	145 I				
Waste Class Name:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	252 L				
Waste Class Name:	WASTE OILS & LUBRICANTS				
Waste Class:	122 C				
Waste Class Name:	ALKALINE WASTES - OTHER METALS				
Waste Class:	148 L				
Waste Class Name:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	263 B				
Waste Class Name:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	148 C				
Waste Class Name:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	263 I				
Waste Class Name:	ORGANIC LABORATORY CHEMICALS				

Unplottable Summary

Total: 31 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	R.M. OF HALTON	NEYAGAWA BLVD. SAN. FORCEMAIN	OAKVILLE TOWN ON	
CA	OAKVILLE TOWN	FOURTH LINE	OAKVILLE TOWN ON	
ECA	The Regional Municipality of Halton	Neyagawa Boulevard	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Neyagawa Blvd from Dundas Street West to Burnhamthorpe Road	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Neyagawa Boulevard	Oakville ON	L6M 2G2
EHS		Parcel 2	Oakville ON	
EHS		Parcel 6	Oakville ON	
GEN	HALTON, REGIONAL MUNICIPALITY OF	4TH LINE LANDFILL NEYAGAWA BLVD.	OAKVILLE ON	L6J 6E1
GEN	HALTON, REGIONAL MUNICIPALITY OF	4TH LINE LANDFILL NEYAGAWA BLVD.	OAKVILLE ON	L6J 6E1
GEN	HALTON, REGIONAL MUNICIPALITY OF	4TH LINE LANDFILL NEYAGAWA BLVD.	OAKVILLE ON	L6J 6E1
GEN	HALTON, REGIONAL MUNICIPALITY OF	4TH LINE LANDFILL NEYAGAWA BLVD.	OAKVILLE ON	L6J 6E1
GEN	HALTON, REGIONAL MUNICIPALITY OF	CLOSED OAKVILLE LANDFILL SITE 4TH LINE NORTH, C/O 1151 BRONTE ROAD	OAKVILLE ON	L6J 6E1
GEN	HALTON, REGIONAL MUNICIPALITY OF 19-069	CLOSED OAKVILLE LANDFILL SITE 4TH LINE NORTH, C/O 1151 BRONTE ROAD	OAKVILLE ON	L6J 6E1
GEN	HALTON, REGIONAL MUNICIPALITY OF	CLOSED OAKVILLE LANDFILL SITE 4TH LINE NORTH	OAKVILLE ON	
GEN	HALTON, REGIONAL MUNICIPALITY OF	CLOSED OAKVILLE LANDFILL SITE NEYAGAWA BLVD.	OAKVILLE ON	
GEN	BOT CONSTRUCTION LIMITED	BURNHAMTHORPE ROAD WEST CONC. 2, PT. LOT 30	OAKVILLE ON	

RST	TRANS-CANADA MUFFLER & BRAKE	4 LINE	OAKVILLE ON
SPL	UNION GAS LTD.	BURNHAMTHORPE RD WEST AT MAIN GAS TRANSMISSION LINE FROM MILTON. PIPELINE/COMPRESSOR STATION	OAKVILLE TOWN ON
SPL	The Corporation of the Town of Oakville	Neyagawa Blvd, North of Dundas St.	Oakville ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 2	ON
WWIS		con 2	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON

Unplottable Report

Site: R.M. OF HALTON
NEYAGAWA BLVD. SAN. FORCEMAIN OAKVILLE TOWN ON

Database:
CA

Certificate #: 3-1750-95-966
Application Year: 95
Issue Date: 1/12/96
Approval Type: Municipal sewage
Status: Received in 1995, Issued in 1996
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database:
ECA

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

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

Database:
ECA

Approval No: 2725-9RHQNA **MOE District:**

Approval Date: 2014-12-18 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Regional Municipality of Halton
Address: Neyagawa Blvd from Dundas Street West to Burnhamthorpe Road
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3044-9RFLVX-14.pdf>
PDF Site Location:

Site: The Regional Municipality of Halton
 Neyagawa Boulevard Oakville ON L6M 2G2 **Database:** [ECA](#)

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

Site: Parcel 2 Oakville ON **Database:** [EHS](#)

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

Site: Parcel 6 Oakville ON **Database:** [EHS](#)

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

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

Generator No: ON0277100
SIC Code: 562990
SIC Description: All Other Waste Management Services
Approval Years: 07,08
PO Box No:

Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 143
Waste Class Name: STEEL MAKING RESIDUES

Waste Class: 144
Waste Class Name: INORGANIC TANNERY WASTES

Waste Class: 149
Waste Class Name: LANDFILL LEACHATES

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

Database:
GEN

Generator No: ON0277100
SIC Code: 562990
SIC Description: All Other Waste Management Services
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 149
Waste Class Name: LANDFILL LEACHATES

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

Database:
GEN

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

Detail(s)

Waste Class: 149
Waste Class Name: LANDFILL LEACHATES

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

Database:
GEN

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

Detail(s)

Waste Class: 149
Waste Class Name: LANDFILL LEACHATES

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

Database:
GEN

Generator No: ON0277100
SIC Code: 4999
SIC Description: OTHER UTILITY IND.
Approval Years: 86,87,88,89,90,97
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 149
Waste Class Name: LANDFILL LEACHATES

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

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

Database:
GEN

Generator No: ON0277100
SIC Code: 4999
SIC Description: OTHER UTILITY IND.
Approval Years: 92,93,94,95,96
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 149
Waste Class Name: LANDFILL LEACHATES

Site: HALTON, REGIONAL MUNICIPALITY OF

Database:
GEN

CLOSED OAKVILLE LANDFILL SITE 4TH LINE NORTH OAKVILLE ON

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

Detail(s)

Waste Class: 149
Waste Class Name: LANDFILL LEACHATES

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

Database:
GEN

Generator No: ON0277100
SIC Code:
SIC Description:
Approval Years: 02,03,04,05,06
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 149
Waste Class Name: LANDFILL LEACHATES

Waste Class: 143
Waste Class Name: STEEL MAKING RESIDUES

Waste Class: 144
Waste Class Name: INORGANIC TANNERY WASTES

Site: BOT CONSTRUCTION LIMITED
BURNHAMTHORPE ROAD WEST CONC. 2, PT. LOT 30 OAKVILLE ON

Database:
GEN

Generator No: ON0652239
SIC Code: 3192
SIC Description: CONSTRUCTION EQUIP.
Approval Years: 99,00,01,02,03,04
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Site: TRANS-CANADA MUFFLER & BRAKE
4 LINE OAKVILLE ON

Database:
RST

Headcode: 921430
Headcode Desc: Oil Changes & Lubrication Service
Phone: 9058426854
List Name:
Description:

Site: UNION GAS LTD.
BURNHAMTHORPE RD WEST AT MAIN GAS TRANSMISSION LINE FROM MILTON. PIPELINE/COMPRESSOR
STATION OAKVILLE TOWN ON

Database:
SPL

Ref No: 159843 **Municipality No:** 14403
Year: **Nature of Damage:**
Incident Dt: 9/7/1998 **Discharger Report:**
Dt MOE Arvl on Scn: **Material Group:**
MOE Reported Dt: 9/7/1998 **Health/Env Conseq:**
Dt Document Closed: **Agency Involved:** FD
Site No:
Facility Name:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OAKVILLE TOWN
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Environment Impact: POSSIBLE
Nature of Impact: Air Pollution
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Call Report Locatn Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: AIR
Receiving Environment:
Incident Reason: ERROR
Incident Summary: UNION GAS-ONGOING NATURALGAS LEAK TO ATM FROM MAINLINE, BACKHOE DAMAGE, FD.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

Site: The Corporation of the Town of Oakville

Database:

Ref No: 1086-5QSSD5
Year:
Incident Dt: 8/26/2003
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/26/2003
Dt Document Closed:
Site No:
Facility Name:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office: Halton-Peel
Nearest Watercourse:
Site Name: OAKVILLE CLOSED LANDFILL<UNOFFICIAL>
Site Address:
Site Region: Central
Site Municipality: Oakville
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Unknown
Incident Event:
Environment Impact: Possible
Nature of Impact:
Contaminant Qty:
System Facility Address:
Client Name: The Corporation of the Town of Oakville
Client Type:
Call Report Locatn Geodata:
Contaminant Code: 99
Contaminant Name: LEACHATE, TRASH CAN, COMPACTOR, ETC
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason:
Incident Summary: Spill of approx. 2- 15 m³ leachate.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Waste Disposal Site
SAC Action Class: Spills
Source Type:

Site:
con 1 ON

Database:
WWIS

Well ID: 2809816
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Not A Well
Water Type:
Casing Material:
Audit No: 259730
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/10/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
County: HALTON
Lot:
Concession: 01
Concession Name: DS S

Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	11098119	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/18/2003	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

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	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Not Used	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Abandoned-Other	Date Received:	11/10/2003
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	257909	Contractor:	7215
Tag:		Form Version:	2
Constructn Method:		Owner:	
Elevation (m):		County:	HALTON
Elevatn Reliability:		Lot:	
Depth to Bedrock:		Concession:	01
Well Depth:		Concession Name:	DS S
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	OAKVILLE TOWN		
Site Info:			

Bore Hole Information

Bore Hole ID:	11098118	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/18/2003	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
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:	2809498	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Commerical	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	12/14/2001
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	234053	Contractor:	1660
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	HALTON
Elevatn Reliability:		Lot:	
Depth to Bedrock:		Concession:	01
Well Depth:		Concession Name:	DS N
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	OAKVILLE TOWN		
Site Info:			

Bore Hole Information

Bore Hole ID:	10518552	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	

Cluster Kind:
Date Completed: 01/10/2001
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

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: 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: 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: 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: 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

Annular Space/Abandonment

Sealing Record

Plug ID: 933221258
Layer: 1
Plug From: 0.0
Plug To: 20.0
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: 930264893
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930264894
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
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: 934978483
Test Type: Draw Down
Test Duration: 60
Test Level: 65.0
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: 934175813
Test Type: Draw Down
Test Duration: 15
Test Level: 36.0
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: 2809817
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 259729
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/10/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
County: HALTON
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098120
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/18/2003
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:

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

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 2 ON **Database:** **WWIS**

Well ID:	2809505	Flowing (Y/N):
Construction Date:		Flow Rate:
Use 1st:		Data Entry Status:
Use 2nd:		Data Src: 1
Final Well Status:	Abandoned-Other	Date Received: 12/14/2001
Water Type:		Selected Flag: TRUE
Casing Material:		Abandonment Rec:
Audit No:	234055	Contractor: 1660
Tag:		Form Version: 1
Constructn Method:		Owner:
Elevation (m):		County: HALTON
Elevatn Reliability:		Lot:
Depth to Bedrock:		Concession: 02
Well Depth:		Concession Name: DS S
Overburden/Bedrock:		Easting NAD83:
Pump Rate:		Northing NAD83:
Static Water Level:		Zone:
Clear/Cloudy:		UTM Reliability:
Municipality:	OAKVILLE TOWN	
Site Info:		

Bore Hole Information

Bore Hole ID:	10518559	Elevation:
DP2BR:		Elevrc:
Spatial Status:		Zone: 17
Code OB:		East83:
Code OB Desc:		North83:
Open Hole:		Org CS:
Cluster Kind:		UTMRC: 9
Date Completed:	09/21/2001	UTMRC Desc: unknown UTM
Remarks:		Location Method: na
Loc Method Desc:	Not Applicable i.e. no UTM	
Elevrc Desc:		
Location Source Date:		
Improvement Location Source:		
Improvement Location Method:		
Source Revision Comment:		
Supplier Comment:		

Method of Construction & Well Use

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

Pipe Information

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

Site: con 2 ON

Database: WWIS

Well ID:	2809506	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:		Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Abandoned-Other	Date Received:	12/14/2001
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	234056	Contractor:	1660
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	HALTON
Elevatn Reliability:		Lot:	
Depth to Bedrock:		Concession:	02
Well Depth:		Concession Name:	DS S
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	OAKVILLE TOWN		
Site Info:			

Bore Hole Information

Bore Hole ID:	10518560	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	09/21/2001	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

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

Pipe Information

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

Site:
con 1 ON

Database:
WWIS

Well ID: 2809579
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 228758
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 05/22/2002
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3349
Form Version: 1
Owner:
County: HALTON
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10525254
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/22/2002
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock

Materials Interval

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

Annular Space/Abandonment

Sealing Record

Plug ID: 933226412
Layer: 1
Plug From: 1.0
Plug To: 20.0
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: 6.0
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: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
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:
Use 1st: Commerical
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 234052
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/14/2001
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1660
Form Version: 1
Owner:
County: HALTON
Lot:
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10518551
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 01/05/2001
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:

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

Location Source Date:

Improvement Location Source:

Improvement Location Method:

Source Revision Comment:

Supplier Comment:

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: 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: 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

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

Annular Space/Abandonment
Sealing Record

Plug ID: 933221257
Layer: 1
Plug From: 0.0
Plug To: 20.0
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: 930264892
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930264891
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 6.0
Casing Diameter: inch
Casing Diameter UOM: ft
Casing Depth UOM:

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
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: 934978482
Test Type: Draw Down
Test Duration: 60
Test Level: 68.0
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: 934175812
Test Type: Draw Down
Test Duration: 15
Test Level: 40.0
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 **Flowing (Y/N):**
Construction Date: **Flow Rate:**
Use 1st: Domestic **Data Entry Status:**
Use 2nd: **Data Src:** 1
Final Well Status: Water Supply **Date Received:** 08/14/1997
Water Type: **Selected Flag:** TRUE
Casing Material: **Abandonment Rec:**
Audit No: 181752 **Contractor:** 4005
Tag: **Form Version:** 1
Constructn Method: **Owner:**
Elevation (m): **County:** HALTON
Elevatn Reliability: **Lot:**
Depth to Bedrock: **Concession:** 01
Well Depth: **Concession Name:** DS N
Overburden/Bedrock: **Easting NAD83:**
Pump Rate: **Northing NAD83:**
Static Water Level: **Zone:**
Clear/Cloudy: **UTM Reliability:**
Municipality: OAKVILLE TOWN
Site Info:

Bore Hole Information

Bore Hole ID: 10154812 **Elevation:**
DP2BR: **Elevrc:**
Spatial Status: **Zone:** 17
Code OB: **East83:**
Code OB Desc: **North83:**
Open Hole: **Org CS:**
Cluster Kind: **UTMRC:** 9
Date Completed: 07/29/1997 **UTMRC Desc:** unknown UTM
Remarks: **Location Method:** na
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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: 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: 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: 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

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: 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

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: 930263413
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930263412
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 27.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
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: con 1 ON **Database:** WWIS
Well ID: 2809820 **Flowing (Y/N):**
Construction Date: **Flow Rate:**
Use 1st: Not Used **Data Entry Status:**
Use 2nd: **Data Src:** 1
Final Well Status: Not A Well **Date Received:** 11/10/2003
Water Type: **Selected Flag:** TRUE
Casing Material: **Abandonment Rec:**
Audit No: 259726 **Contractor:** 7215
Tag: **Form Version:** 2
Constructn Method: **Owner:**
Elevation (m): **County:** HALTON
Elevatn Reliability: **Lot:**
Depth to Bedrock: **Concession:** 01
Well Depth: **Concession Name:** DS S
Overburden/Bedrock: **Easting NAD83:**
Pump Rate: **Northing NAD83:**
Static Water Level: **Zone:**
Clear/Cloudy: **UTM Reliability:**
Municipality: OAKVILLE TOWN
Site Info:

Bore Hole Information

Bore Hole ID: 11098123 **Elevation:**
DP2BR: **Elevrc:**
Spatial Status: **Zone:** 17
Code OB: **East83:**
Code OB Desc: **North83:**
Open Hole: **Org CS:**
Cluster Kind: **UTMRC:** 9
Date Completed: 10/18/2003 **UTMRC Desc:** unknown UTM
Remarks: **Location Method:** na
Loc Method Desc: Not Applicable i.e. no UTM
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:
Use 1st: Not Used
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 259727
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/10/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
County: HALTON
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:
Open Hole:
Cluster Kind:
Date Completed: 10/18/2003
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
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 **Flowing (Y/N):**
Construction Date: **Flow Rate:**
Use 1st: Not Used **Data Entry Status:**
Use 2nd: **Data Src:** 1
Final Well Status: Not A Well **Date Received:** 11/10/2003
Water Type: **Selected Flag:** TRUE
Casing Material: **Abandonment Rec:**
Audit No: 259728 **Contractor:** 7215
Tag: **Form Version:** 2
Constructn Method: **Owner:**
Elevation (m): **County:** HALTON
Elevatn Reliability: **Lot:**
Depth to Bedrock: **Concession:** 01
Well Depth: **Concession Name:** DS S
Overburden/Bedrock: **Easting NAD83:**
Pump Rate: **Northing NAD83:**
Static Water Level: **Zone:**
Clear/Cloudy: **UTM Reliability:**
Municipality: OAKVILLE TOWN
Site Info:

Bore Hole Information

Bore Hole ID:	11098121	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/18/2003	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
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:	

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 2021

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: Feb 28, 2022

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-Feb 28, 2023

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 2023

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial

COAL

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

*Government Publication Date: Apr 1987 and Nov 1988**

Compliance and Convictions:

Provincial

CONV

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

Government Publication Date: 1989-Sep 2023

Certificates of Property Use:

Provincial

CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Aug 31, 2023

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 - Oct 2022

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: Feb 28, 2022

Environmental Activity and Sector Registry:

Provincial

EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval). Please see our ECA database.

Government Publication Date: Oct 2011- Aug 31, 2023

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 - Aug 31, 2023

Environmental Compliance Approval:

Provincial

ECA

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

Government Publication Date: Oct 2011- Aug 31, 2023

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, 2023

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: Apr 30, 2022**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, 2022**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: Feb 28, 2022**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-Jun 2023**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: Feb 28, 2022

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-Oct 31, 2022**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 2020**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 is 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: Feb 28, 2022**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: Mar 21, 2022**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-Feb 2023***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, 2021***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-Oct 2022***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

NEBW

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

*Government Publication Date: 1920-Feb 2003**

National Environmental Emergencies System (NEES):

Federal NEES

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

*Government Publication Date: 1974-2003**

National PCB Inventory:

Federal NPCB

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

*Government Publication Date: 1988-2008**

National Pollutant Release Inventory 1993-2020:

Federal NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic:

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. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private OGWE

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

Government Publication Date: 1988-Aug 31, 2023

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-Aug 2023

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 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 - Aug 31, 2023

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- Aug 31, 2023

NPRI Reporters - PFAS Substances:

Federal

PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 2020

Pipeline Incidents:

Provincial

PINC

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

Government Publication Date: Feb 28, 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 PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Aug 31, 2023

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, 1992-2021

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-Aug 2023

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-Feb 28, 2023

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 by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in March, May, July, and August 2022, and January 2023 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Apr 2022; see description

Wastewater Discharger Registration Database:

Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2020

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 - Apr 2023

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: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011- Aug 31, 2023

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: Mar 31 2023

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.

EXP Services Inc.

*Phase One Environmental Site Assessment
Neyagawa Boulevard, Oakville, Ontario
GTR-23012833-A0
November 13, 2023*

Appendix F – Municipal Records



CITY
DIRECTORY

Project Property: *Neyagawa Boulevard
Neyagawa Boulevard
Oakville, ON*

Project No: *GTR-23012833-A0*

Requested By: *exp Services Inc.*

Order No: *23101800255*

Date Completed: *November 06, 2023*

November 06, 2023
RE: CITY DIRECTORY RESEARCH
Neyagawa Boulevard
Oakville,ON

Thank you for contacting ERIS regarding our City Directory Search services. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. When searching a range of addresses, all civic addresses within that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on highly developed areas, while newly developed areas may be covered in the more recent years, older directories tend to cover only "central" parts of the city. To complete the search, we have either utilized the Toronto Reference Library, Library & Archives Canada and multiple digitized directories. While these do not claim to be a complete collection of all reverse listing city directories produced, ERIS has made every effort to provide accurate and complete information. ERIS shall not be held liable for missing, incomplete, or inaccurate information. If you believe there are additional addresses or streets that require searching, please contact us.

Search Criteria:

335-530 of Burnhamthorpe Road W
3330-3500 of Neyagawa Boulevard
500-525 of Terrace Way

Search Notes:

While Highway 407 falls within the requested radius, it has no civic addresses available to report.

Search Results Summary

Date	Source	Comment
2021	DIGITAL BUSINESS DIRECTORY	
2017	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	COLE	
2001	POLKS	
1996	MIGHTS	
1991	MIGHTS	
1985	MIGHTS	
1981	MIGHTS	
1975	MIGHTS	
1971	MIGHTS	
1965	MIGHTS	

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

2021

BURNHAMTHORPE ROAD W

SOURCE: DIGITAL BUSINESS DIRECTORY

528

KING'S CHRISTIAN COLLEGIATE...SCHOOLS

2021

NEYAGAWA BOULEVARD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2021

TERRACE WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2017

BURNHAMTHORPE ROAD W

SOURCE: DIGITAL BUSINESS DIRECTORY

382

HAVENCREST RIDING ACADEMY...SPORTS & RECREATION INSTRUCTION

501

ALL CARE LANDSCAPE...LANDSCAPE CONTRACTORS

528

KING'S CHRISTIAN COLLEGIATE...ELEMENTARY & SECONDARY SCHOOLS

2017

NEYAGAWA BOULEVARD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2017

TERRACE WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2012

BURNHAMTHORPE ROAD W

SOURCE: DIGITAL BUSINESS DIRECTORY

382 **SHERBORNE LODGE DEVMT LTD**...CIVIL & SOCIAL ORGANIZATIONS
501 **ALL CARE LANDSCAPE**...LANDSCAPE CONTRACTORS
528 **CHARTWELL AT KINGS**...RELIGIOUS ORGANIZATION
528 **KING'S CHRISTIAN COLLEGIATE**...ELEMENTARY & SECONDARY SCHOOLS

2012

NEYAGAWA BOULEVARD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2012

TERRACE WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2008

BURNHAMTHORPE ROAD W

SOURCE: COLE

353

RESIDENTIAL (1 TENANT)

2008

NEYAGAWA BOULEVARD

SOURCE: COLE

3330-
3500

NO LISTINGS WITHIN RADIUS

2008

TERRACE WAY

SOURCE: COLE

500-525 **STREET NOT LISTED**

2001

BURNHAMTHORPE ROAD W

SOURCE: POLKS

382 4 COMM INTEGRATED TECHNOLOGIES INC
382 ALL CARE LANDSCAPE
335-530 ALL RESIDENTIAL

2001

NEYAGAWA BOULEVARD

SOURCE: POLKS

3330-
3500 NO LISTINGS WITHIN RADIUS

2001

TERRACE WAY

SOURCE: POLKS

500-525 **STREET NOT LISTED**

1996

BURNHAMTHORPE ROAD W

SOURCE: MIGHTS

353	RESIDENTIAL (1 TENANT)
367	RESIDENTIAL (1 TENANT)
382	RESIDENTIAL (1 TENANT)
501	RESIDENTIAL (1 TENANT)
528	RESIDENTIAL (1 TENANT)

1996

NEYAGAWA BOULEVARD

SOURCE: MIGHTS

3330-
3500

STREET NOT LISTED

1996

TERRACE WAY

SOURCE: MIGHTS

500-525 **STREET NOT LISTED**

1991

BURNHAMTHORPE ROAD W

SOURCE: MIGHTS

382
501

RESIDENTIAL (4 TENANTS)
RESIDENTIAL (1 TENANT)

1991

NEYAGAWA BOULEVARD

SOURCE: MIGHTS

3330-
3500

STREET NOT LISTED

1991

TERRACE WAY

SOURCE: MIGHTS

500-525 **STREET NOT LISTED**

1985

BURNHAMTHORPE ROAD W

SOURCE: MIGHTS

337 **RESIDENTIAL (1 TENANT)**
501 **RESIDENTIAL (2 TENANTS)**

1985

NEYAGAWA BOULEVARD

SOURCE: MIGHTS

3330-
3500

STREET NOT LISTED

1985

TERRACE WAY

SOURCE: MIGHTS

500-525 **STREET NOT LISTED**

1981

BURNHAMTHORPE ROAD W

SOURCE: MIGHTS

335-530 **STREET NOT LISTED**

1981

NEYAGAWA BOULEVARD

SOURCE: MIGHTS

3330-
3500 **STREET NOT LISTED**

1981

TERRACE WAY

SOURCE: MIGHTS

500-525 **STREET NOT LISTED**

1975

BURNHAMTHORPE ROAD W

SOURCE: MIGHTS

337 **RESIDENTIAL (1 TENANT)**
353 **RESIDENTIAL (1 TENANT)**
501 **RESIDENTIAL (1 TENANT)**

1975

NEYAGAWA BOULEVARD

SOURCE: MIGHTS

3330-
3500

STREET NOT LISTED

1975

TERRACE WAY

SOURCE: MIGHTS

500-525 **STREET NOT LISTED**

1971

BURNHAMTHORPE ROAD W

SOURCE: MIGHTS

337 RESIDENTIAL (1 TENANT)
353 RESIDENTIAL (1 TENANT)
501 RESIDENTIAL (1 TENANT)

1971

NEYAGAWA BOULEVARD

SOURCE: MIGHTS

3330-
3500 STREET NOT LISTED

1971

TERRACE WAY

SOURCE: MIGHTS

500-525 **STREET NOT LISTED**

1965

BURNHAMTHORPE ROAD W

SOURCE: MIGHTS

335-530 **STREET NOT LISTED**

1965

NEYAGAWA BOULEVARD

SOURCE: MIGHTS

3330-
3500

STREET NOT LISTED

1965

TERRACE WAY

SOURCE: MIGHTS

500-525 **STREET NOT LISTED**

EXP Services Inc.

*Phase One Environmental Site Assessment
Neyagawa Boulevard, Oakville, Ontario
GTR-23012833-A0
November 13, 2023*

Appendix G – Regulatory Requests

Kate Miles

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Tuesday, October 24, 2023 11:59 AM
To: Kate Miles
Subject: RE: Preliminary Search Request



CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

NO RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our current database of any fuel storage tanks at the subject address(es).

Accessing the applications

1. Click [Release of Public Information](#) - TSSA and click "need a copy of a document"
2. Select the appropriate application, download it, complete it in full and save it (Note: you will have to upload the application)
3. Proceed to page 3 of the application and click the "TSSA Service Prepayment Portal" link under payment options (the link will take you to the secure site where you can pay for the request via credit card)

Accessing the Service Prepayment Portal

1. Select new or existing customer (*if you are an existing customer, you will need your account number & postal code to access your account)
2. Under "Program Area" select **Public Information** and click continue
3. Enter application form number (found on the bottom left corner of the application form) and click continue
4. Complete the primary contact information section
5. Complete the fee section
6. Upload your completed application
7. Upload supporting documents (if required) and click continue

Once all steps have been successfully completed you will receive your payment receipt via email.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at publicinformationservices@tssa.org.

Warm regards,



Kimberly Gage | Public Information Agent

Legal

345 Carlingview Drive
Toronto, Ontario M9W 6N9

Tel: +1 416-734-3348 | Fax: +1 416-734-3568 | E-Mail: kgage@tssa.org
www.tssa.org



Winner of 2022 5-Star Safety Cultures Award

From: Kate Miles <Kate.Miles@exp.com>
Sent: Tuesday, October 24, 2023 11:47 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Preliminary Search Request

[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 Morning,

I would like to request a preliminary search to determine if there are any records of petroleum operations, including records of underground storage tanks and products stored that you might have on file for the following municipal addresses:

337 Burnhamthorpe Road West, Oakville
501 Burnhamthorpe Road West, Oakville
382 Burnhamthorpe Road West, Oakville
528 Burnhamthorpe Road West, Oakville

Thank you!



Kate Miles, P.Eng.

EXP | Senior Environmental Scientist

t : +1.905.695.3217, 63642 | e : kate.miles@exp.com

220 Commerce Valley Drive West

Suite 110

Markham, ON L3T 0A8

CANADA

exp.com | [legal disclaimer](#)

keep it green, read from the screen

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.

EXP Services Inc.

*Phase One Environmental Site Assessment
Neyagawa Boulevard, Oakville, Ontario
GTR-23012833-A0
November 13, 2023*

Appendix H – Aerials



HISTORICAL AERIALS

Project Property: Neyagawa Boulevard
Neyagawa Boulevard
Oakville ON

Project No: GTR-23012833-A0

Requested By: exp Services Inc.

Order No: 23101800255

Date Completed: October 19, 2023

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

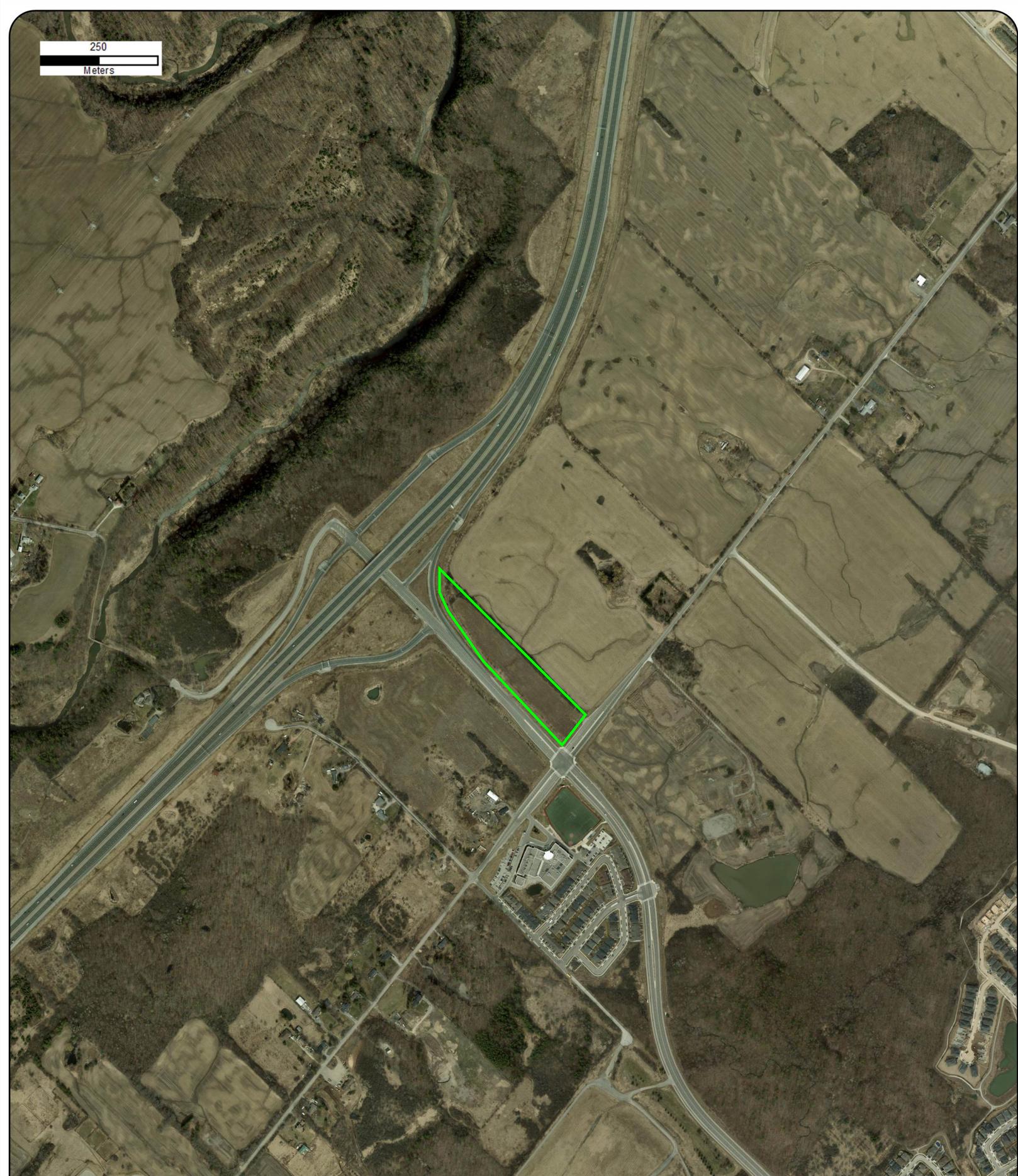
Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2022	MAXAR TECHNOLOGIES	10,000	
1974	National Air Photo Library	10,000	

250
Meters



Year: 2022
Source: MAXAR
Scale: 10,000
Comment:

Address: Neyagawa Boulevard, Oakville, ON
Approx Center: -79.76249182,43.48244444

Order No: 23101800255

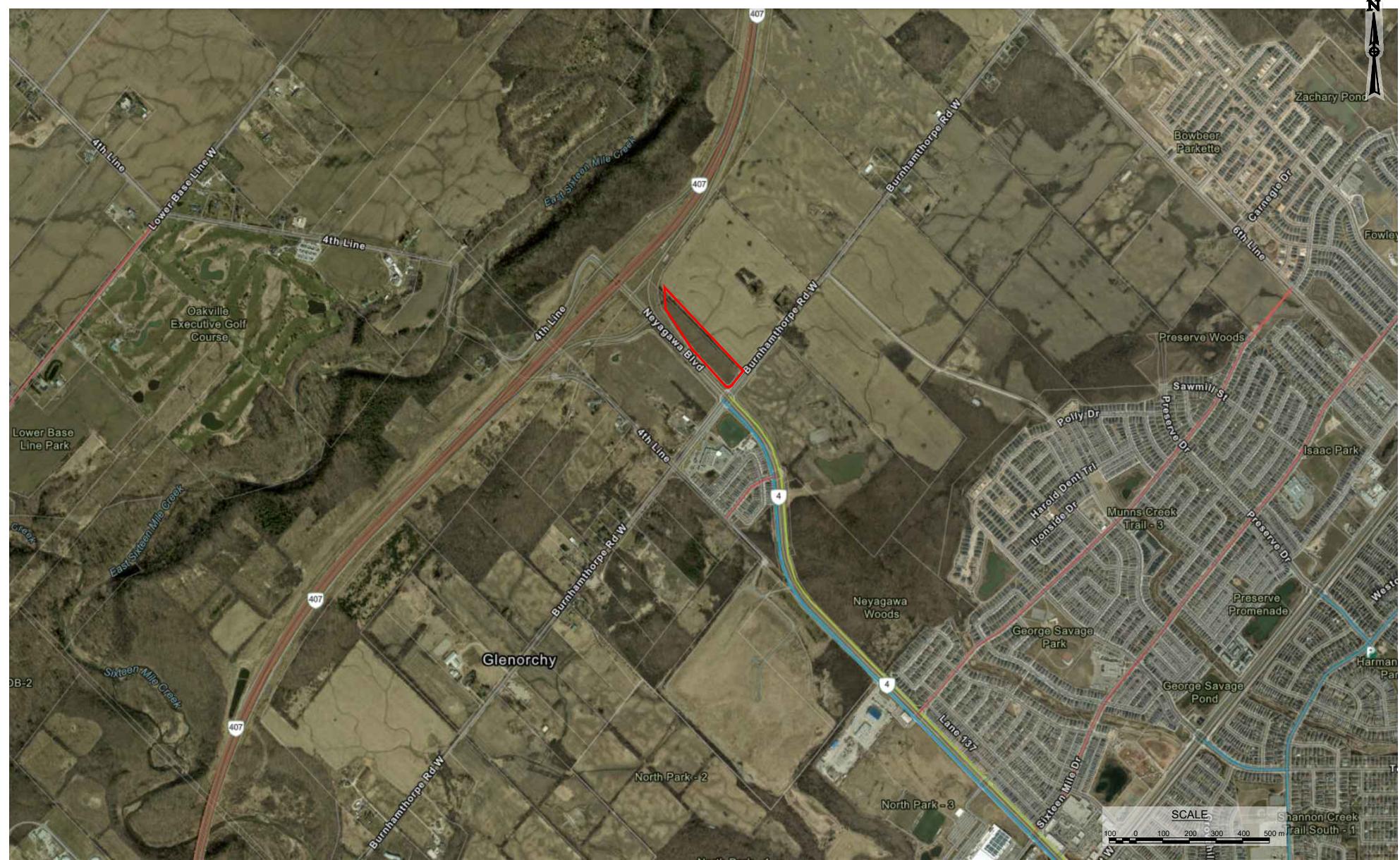
250
Meters



Year: 1974
Source: NAPL
Scale: 10,000
Comment:

Address: Neyagawa Boulevard, Oakville, ON
Approx Center: -79.76249182,43.48244444

Order No: 23101800255



exp Services Inc.

t: +1.905.793.9800 | f: +1.905.793.0641
1595 Clark Boulevard
Brampton, ON L6T 4V1
Canada



www.exp.com

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INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

LEGEND:

— APPROXIMATE SITE BOUNDARY

TITLE AND LOCATION:

2023 AERIAL PHOTOGRAPH
NEYAGAWA BOULEVARD,
OAKVILLE, ONTARIO

PROJECT NO.:

GTR-23012833-A0

DWN.:

K.G.

SCALE:

AS NOTED

CK:

A.C.

DATE:

OCTOBER 2023

FIG. NO.:

A



LEGEND:
— APPROXIMATE SITE BOUNDARY

TITLE AND LOCATION:

2019 AERIAL PHOTOGRAPH
NEYAGAWA BOULEVARD,
OAKVILLE, ONTARIO

PROJECT NO.: GTR-23012833-A0 DWN.: K.G.

SCALE: AS NOTED CK: A.C.

DATE: OCTOBER 2023 FIG. NO.: B



place



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Brampton, ON L6T 4V1
Canada

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INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

LEGEND:

— APPROXIMATE SITE BOUNDARY

TITLE AND LOCATION:

1995 AERIAL PHOTOGRAPH
NEYAGAWA BOULEVARD,
OAKVILLE, ONTARIO

PROJECT NO.:

GTR-23012833-A0

DWN.:

K.G.

SCALE:

AS NOTED

CK:

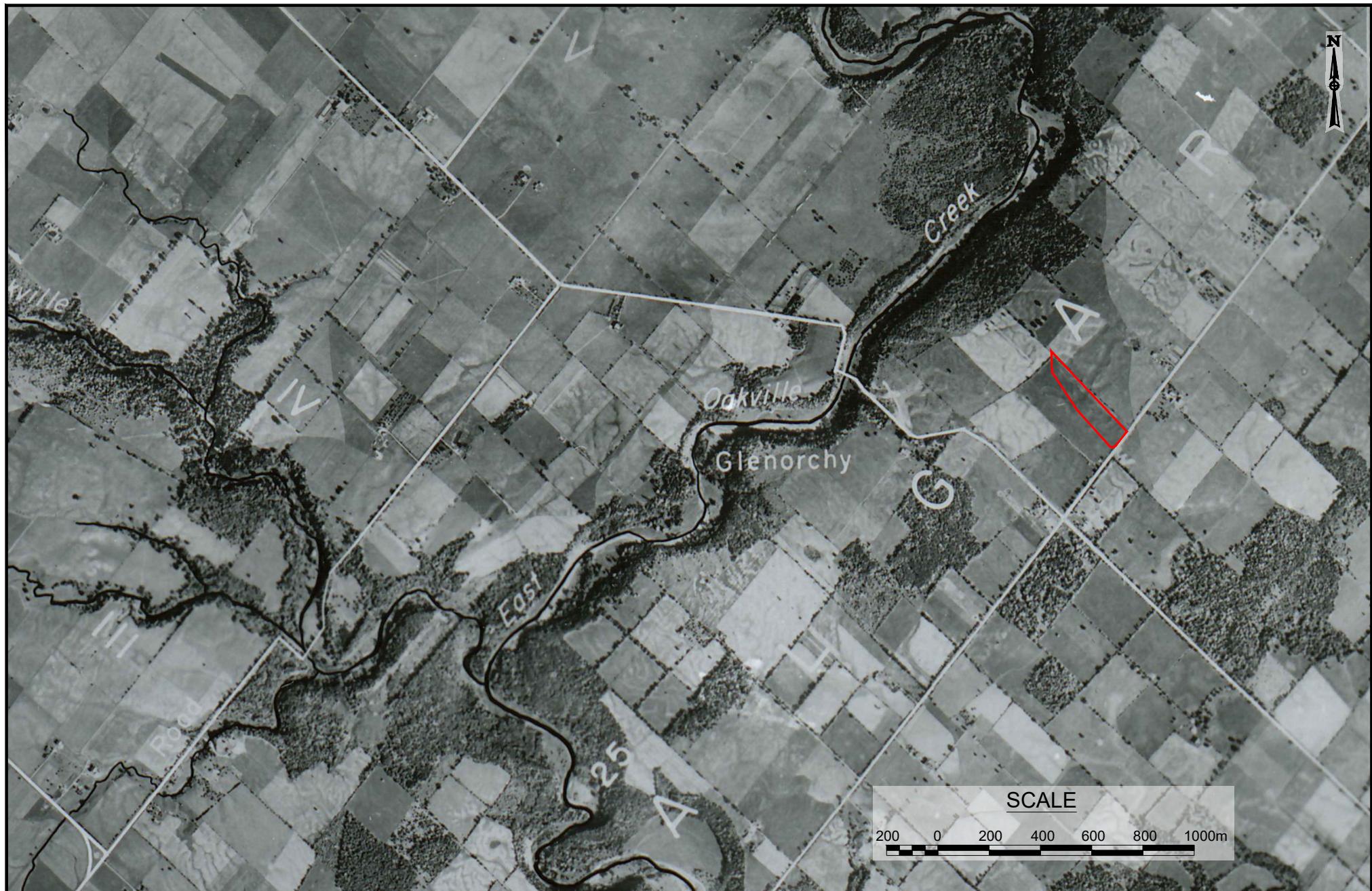
A.C.

DATE:

OCTOBER 2023

FIG. NO.:

D



exp Services Inc. t: +1.905.793.9800 f: +1.905.793.0641 1595 Clark Boulevard Brampton, ON L6T 4V1 Canada  www.exp.com	LEGEND:	 APPROXIMATE SITE BOUNDARY	TITLE AND LOCATION:	PROJECT NO.: GTR-23012833-A0 DWN.: K.G.
			1954 AERIAL PHOTOGRAPH NEYAGAWA BOULEVARD, OAKVILLE, ONTARIO	SCALE: AS NOTED CK: A.C.
• BUILDINGS • EARTH & ENVIRONMENT • ENERGY • • INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •				DATE: OCTOBER 2023 FIG. NO.: E

EXP Services Inc.

*Phase One Environmental Site Assessment
Neyagawa Boulevard, Oakville, Ontario
GTR-23012833-A0
November 13, 2023*

Appendix I – Site Photos



Photo 1: View of the adjacent property to the east and of existing monitoring wells (looking northeast).



Photo 2: View of the western border of the Site up Neyagawa Boulevard (looking northwest).



Photo 3: General view of the site from the north end (looking south).

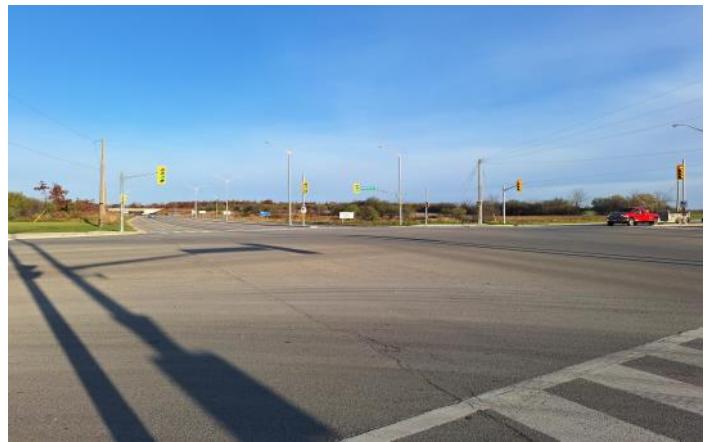


Photo 4: View of the Burnhamthorpe Road West and Neyagawa Boulevard intersection (looking north).



Photo 5: View of King's Christian Collegiate (institutional use) to the south of the Site (looking south).

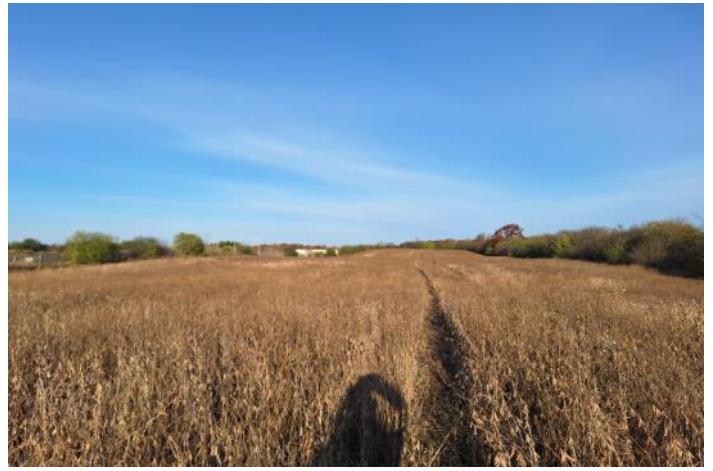


Photo 6: General view of the Site (looking north).

exp. EXP Services Inc. 220 Commerce Valley Drive West Markham, Ontario L3T 0A8 T: 905-793-9800 F: 905-793-0641	SITE PHOTOGRAPHS PROJ. NO: GTR-23012833-A0	Corner of Neyagawa Blvd And Burnhamthorpe Road West, Oakville	SCALE: NTS DRAWN: TM CHECKED: AC	A1 Nov. 2023
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Photo 7: View of the soybean crop grown across the Site.



Photo 8: View from Site entrance across Burnhamthorpe Road West (looking southeast).



Photo 9: View of neighbouring property across Neyagawa Boulevard to the west (looking northwest).



Photo 10: View of the forested area to the north of the Site (looking north).



Photo 11: View of the storm water management system along Burnhamthorpe Road West (looking southwest from Site entrance).

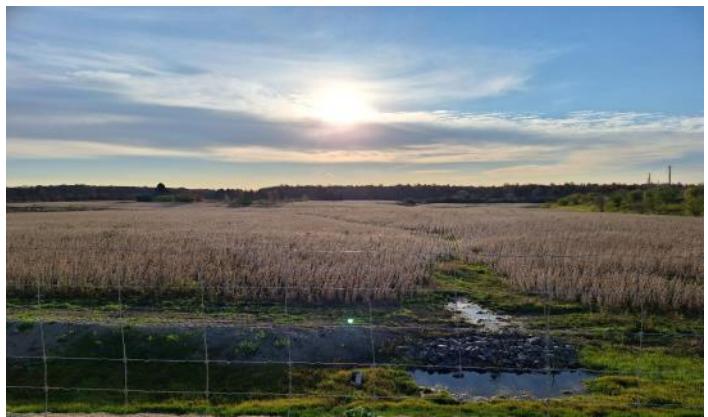


Photo 12: View of property across Burnhamthorpe Road West from Site entrance (looking southeast).



EXP Services Inc.
220 Commerce Valley
Drive West
Markham, Ontario
L3T 0A8
T: 905-793-9800
F: 905-793-0641

SITE PHOTOGRAPHS

PROJ. NO: GTR-23012833-A0

Corner of Neyagawa Blvd
And Burnhamthorpe Road
West, Oakville

SCALE: NTS

DRAWN: TM

CHECKED: AC

A2

Nov 2023

EXP Services Inc.

*Phase One Environmental Site Assessment
Neyagawa Boulevard, Oakville, Ontario
GTR-23012833-A0
November 13, 2023*

Appendix J – Phase One Conceptual Site Model



Phase One ESA Conceptual Site Model

Neyagawa Boulevard, Oakville, Ontario

This section presents the Phase One Conceptual Site Model (P1CSM), as it relates to the Site designated as the north corner of Neyagawa Boulevard and Burnhamthorpe Avenue West, in Oakville, Ontario, providing a narrative and graphical description integrating information related to the areas of potential environmental concern/potential contaminating activities and the presence and distribution of potential contaminants of concern. The P1CSM was completed in accordance with Ontario Regulation 153/04, as amended (O.Reg. 153/04), as defined by the Ontario Ministry Environment, Conservation and Parks (MECP). There is no uncertainty or absence of information noted in the Phase One Environmental Site Assessment.

1.1 Introduction

The Site is located at the northeast side of Neyagawa Boulevard, between Burnhamthorpe Road West and Highway 407, in Oakville Ontario as shown on Figure 1. The Site measures approximately 2.4050 hectares (5.943 acres) in area. The Site has no municipal address, at this time.

Contact information for Mr. Marc J. Pourvahidi, a representative of the Site owner, is presented below:

Mr. Marc J. Pourvahidi

Sky Property Group Inc.
1 Steeles Avenue East
Toronto, ON
M2M 3Y2

The legal description, property identification numbers (PIN) and ownership for the Site are provided below:

Table 1: Site Summary

Municipal Address	PIN	Legal Description	Property Owner
n/a	24929-6891 (LT)	Part of Lot 20, Concession 2, Traf NDS, Parts 1&2 20R16345, Except Part 4 20R19373, Part 2 HR1788345	Burnhamthorpe/Oakville Holdings Inc.

The approximate Universal Transverse Mercator (UTM) coordinates for the Site centroid are NAD83 17T- 4815149 m N 600070 m E.

1.2 Background

Based on our review of the fire insurance plans, inspection reports, previous environmental report and aerial photographs, the Site has never been developed, and has been vacant since prior to 1954.

1.3 Geological and Hydrogeological Conditions

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

- The Site and surrounding areas are generally located within the South Slope.
- The geology of the Site and surrounding area is comprised of till moraines and till plains, which comprises of silty to clayey deposits.

- The bedrock in the general area consists of shale, limestone, dolostone, and siltstone belonging to the Queenston Formation, Georgian Bay, Blue Mountain and Billings Formations and Collingwood and Eastview Members.
- Based on the topographic map, the Site slopes gently towards the south in the southern portion and north in the northern portion of the Site. East Sixteen Mile Creek is located approximately 385 m north of the Site. Groundwater flow within the Phase One Study Area is anticipated to be towards the north to northwest.
- Based on the review of available resources from the Ministry of Natural Resources and Forestry website on October 24, 2023, no areas of natural significance were identified at the Site or within 30 m of the Site. A natural heritage system is located on the northwest side of Highway 407, approximately 125 metres northwest of the Site.

1.4 Previous Investigations

No environmental reports were available for review at the time of the Phase One investigation.

1.5 Underground Utilities

The Site utilities and services were identified at the Site based on information provided in environmental records, relevant utility infrastructure observed during the Site reconnaissance. It is noted that the precise underground location of the utilities cannot be determined without professional locate services.

Utility	Source	Location	Site Entry
Natural Gas	Enbridge Gas	Underground	Unknown. Given that the Site is vacant, this utility is not anticipated to be present on-Site.
Sanitary Sewer	Town of Oakville	Underground	Manholes were observed along Neyagawa Boulevard and Burnhamthorpe Road West. Given that the Site is vacant, this utility is not anticipated to be present on-Site.
Storm Sewer	Town of Oakville	Underground	Catch basins were observed along Neyagawa Boulevard and Burnhamthorpe Road West. Given that the Site is vacant, this utility is not anticipated to be present on-Site.
Water	Halton Region	Underground	Unknown Given that the Site is vacant, this utility is not anticipated to be present on-Site.
Electricity	Hydro-electric	Overhead	Overhead hydro wires were observed along Neyagawa Boulevard and Burnhamthorpe Road West. Given that the Site is vacant, this utility is not anticipated to be present on-Site.
Telecommunications	Bell Canada	Underground	Unknown Given that the Site is vacant, this utility is not anticipated to be present on-Site.

1.6 Potentially Contaminating Activities and Areas of Potential Environmental Concern:

Refer to Table 2 for the list of on-site and off-site potentially contaminating activities (PCAs) within the Phase One Study Area. Figure 2 shows the on-site PCAs and off-site PCAs within the Phase One Study Area.

Table 2: Potentially Contaminating Activities

PCA Identifier	Address	Location of Activity (in relation to Site) ⁽¹⁾	Potentially Contaminating Activity (PCA) ⁽²⁾	Approximate timeline that PCA occurred	Contributes to APEC (Yes or No)?
Surrounding Properties (Off-Site PCAs)					
1	Neyagawa Boulevard	West Adjacent	PCA#N/A – Salting and De-icing	Based on the site walkover, Neyagawa Boulevard is located adjacent to the site and likely undergoes salting and de-icing during winter months for the purposes of keeping vehicular traffic and/or pedestrians safe.	Yes, based on the close proximity to the Site.
2	Highway 407	Northwest Adjacent	PCA#N/A – Salting and De-icing	Based on the site walkover, Neyagawa Boulevard is located adjacent to the site and likely undergoes salting and de-icing during winter months for the purposes of keeping vehicular traffic and/or pedestrians safe.	Yes, based on the close proximity to the Site.
3	Burnhamthorpe Road West	Southeast Adjacent	PCA#N/A – Salting and De-icing	Based on the site walkover, Neyagawa Boulevard is located adjacent to the site and likely undergoes salting and de-icing during winter months for the purposes of keeping vehicular traffic and/or pedestrians safe.	Yes, based on the close proximity to the Site.
4	4 TH Line	650 m South	PCA #58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosolids as soil conditioners	The Regional Municipality of Halton was registered as a waste generator of Steel Making Residues, Inorganic Tannery Wastes, Petroleum Distillates and/or Landfill Leachates from 1986 to 2015.	Yes, given the large capacity, long operation (20 years) and upgradient location of the historical dump.
5	Entire Site	On-Site	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	As a conservative measure, it is assumed pesticides have been applied since the early 1900s to present.	Yes, given that it is located on-Site.

(1) Distances are approximate. 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) that is occurring or has occurred in a Phase One Study area.

1.7 Areas of Potential Environmental Concern

Based on the above, the following APECs were identified for the Site.

Area of Potential Environmental Concern (1)	Location of Area of Potential Environmental Concern on Site	Potentially Contaminating Activity (2)	Location of the PCA (On-Site/Off-Site)	Contaminants of Potential Concern (Soil)	Media of Concern Soil /Groundwater
APEC 1	Western portion of Site	(PCA 1) #NA - Application of De-icing Salts	Off-site	EC, SAR	Soil
APEC 2	Northwestern portion of Site	(PCA 2) #N/A - Application of De-icing Salts	Off-site	EC, SAR	Soil
APEC 3	Southwestern portion of Site	(PCA 3) #N/A – Application of De-icing Salts	Off-site	EC, SAR	Soil
APEC 3	Southwestern portion of Site	(PCA 4) #58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Off-site	PHCs, BTEX, VOCs, PAHs, Metals, As, Sb, Se, HWS-B, Cr (VI), Hg, CN-	Groundwater
APEC 4	Entire Site	(PCA 5) #40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-site	OCPs	Soil and Groundwater

EC - Electrical Conductivity, SAR - Sodium adsorption Ratio, Na - Sodium, Cl - Chloride, PHCs - Petroleum Hydrocarbons, BTEX - Benzene, Toluene, Ethylbenzene, Toluene, VOC - Volatile Organic Compounds, PAHs - Polycyclic Aromatic Hydrocarbons, Metals – Includes barium, beryllium, boron (total), cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, silver, thallium, uranium, vanadium, zinc; As – Arsenic; Sb – Antimony; Se – Selenium; HWS-B – Hot Water Soluble Boron; Cr(VI) – Hexavalent Chromium; Hg – Mercury; CN - Free Cyanide

(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 PI ESA, including through (a) identification of past 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 (O.Reg.153/04, as amended) that is occurring or has occurred in a phase one Study area.

List of Figures

The Phase One CSM makes reference to the following list of figures:

Figure 1 – Site Location Plan

Figure 2 – Phase One Study Area, Surrounding Land Use Plan and Potentially Contaminating Activities (PCAs)

Figure 3 – Site Plan

Figure 4 – Areas of Potential Environmental Concern (APECs)