



## **Phase One Environmental Site Assessment**

**327 & 291 Reynolds Street, 348 Allan Street,  
Oakville, Ontario**

**Client**

**The Town of Oakville**  
1225 Trafalgar Road  
Oakville, ON L6H 0H3

**Project Number**

BRM-00235695-A0

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**Date Submitted**

September 30, 2016

## Executive Summary

**Exp Services Inc. (exp)** was retained by The Town of Oakville to complete a Phase One Environmental Site Assessment (ESA) of the properties located at 327 & 291 Reynolds Street, 348 Allan Street in Oakville, Ontario (hereinafter referred to as the 'Site').

The objective of the investigation was to support the filing of a Record of Site Condition (RSC) in accordance with Ontario Regulation 153/04, as amended (O.Reg.153/04).

For ease of reference, Reynolds Street is considered west of the Site and MacDonald Street is considered project north.

The Site is located on the east side of Reynolds Street and the west side of Allan Street measuring approximately 5.7 hectares (14 acres). At the time of the Site visit, the Site was occupied by multiple buildings including the former Oakville Trafalgar Memorial Hospital, the Helen Lawson building, a multi-level parking garage and a vacant former school building.

A review of the historical records indicated that 327 Reynolds Street, the hospital building, has occupied the Site since the late 1940s with additions constructed between 1950 and early 2000s. The multi-level parking garage located at 327 Reynolds Street was constructed in the late 1970s on the central portion of the Site. The former school building located at 291 Reynolds Street, has occupied the Site as Oakville Trafalgar High School since 1908 with additions constructed in the 1950s. Additions were demolished in the late 1990s and only the original building remains on-Site. The Helen Lawson building, located at 348 Allan Street, was constructed in the 1960s and the building footprint remains unchanged.

Asphalt parking lots surround the Site buildings with landscaped areas on the south and southwestern portion of the Site.

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.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the 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 Phase One ESA findings, the following information is provided in Table 1-1 in support of the Phase One Qualified Person's (QP's) conclusion:

**Table 1-1: Areas of Potential Environmental Concern**

<b>Area of Potential Environmental Concern (APEC)<sup>(1)</sup></b>	<b>Location of APEC on Phase One Property</b>	<b>Potentially Contaminating Activity (PCA)<sup>(2)</sup></b>	<b>Location of PCA (on-Site or off-Site)</b>	<b>Contaminants of Potential Concern<sup>(3)</sup></b>	<b>Media Potentially Impacted (Groundwater, soil and/or sediment)</b>
<b>APEC 1:</b> Presence of two (2) underground storage tanks on west side of building addressed as 327 Reynolds St.	Northwest corner of Site	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater
<b>APEC 2:</b> Two (2) former fuel oil USTs on west side of building addressed as 327 Reynolds St.	Northwest corner of Site	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater
<b>APEC 3:</b> Potential poor fill quality in area of former fuel oil USTs	Northwest corner of Site	30: Importation of Fill Material of Unknown Quality	On-Site	Metals	Soil
<b>APEC 4:</b> Presence of collection pit storage tank west of the building addressed as 327 Reynolds St	West side of Site	8: Chemical Manufacturing, Processing and Bulk Storage	On-Site	PHCs, BTEX, Metals	Soil and Groundwater
<b>APEC 5:</b> Former PCB storage site listing for 327 Reynolds St.	Northeast corner of Site	Not listed: PCB storage Site	On-Site	PCBs	Soil
<b>APEC 6:</b> Presence of underground storage tank / collection tank on east side of building addressed as 327 Reynolds St	Mid-portion of Site	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater

<b>Area of Potential Environmental Concern (APEC)<sup>(1)</sup></b>	<b>Location of APEC on Phase One Property</b>	<b>Potentially Contaminating Activity (PCA)<sup>(2)</sup></b>	<b>Location of PCA (on-Site or off-Site)</b>	<b>Contaminants of Potential Concern<sup>(3)</sup></b>	<b>Media Potentially Impacted (Groundwater, soil and/or sediment)</b>
<b>APEC 7:</b> Presence of diesel AST in the mechanical room.	West portion of Site	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater
<b>APEC 8:</b> Registered waste generator of various waste streams including halogenated solvents	Northwest portion of Site	58: Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners	On-Site	PHCs, BTEX VOCs MET & ING	Soil and Groundwater
<b>APEC 9:</b> Potential presence of fuel tank at former high school (presence of fill pipe, east side-291 Reynolds St)	Southwest portion of Site (east side of building)	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater
<b>APEC 10:</b> Potential presence of fuel tank at former high school (presence of fill pipe, west side-291 Reynolds St)	Southwest portion of Site (west side of building)	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater
<b>APEC 11:</b> Registered waste generator of various waste streams including halogenated solvents (Oakville High School, 291 Reynolds St)	Southwest portion of Site	58: Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners	On-Site	PHCs, BTEX VOCs MET & ING	Soil and Groundwater
<b>APEC 12:</b> Potential presence of fill material in area of former building footprint (Oakville	Southwest portion of Site	30: Importation of Fill Material of Unknown Quality	On-Site	MET PAHs	Soil

Area of Potential Environmental Concern (APEC) <sup>(1)</sup>	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA) <sup>(2)</sup>	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern <sup>(3)</sup>	Media Potentially Impacted (Groundwater, soil and/or sediment)
High School, 291 Reynolds St)					
<b>APEC 13:</b> Former shop class area associated with former Oakville High School	Southwest corner of Site	Not listed: Former shop class area	On-Site	PHCs, BTEX	Soil
<b>APEC 14:</b> Application of de-icing salts on asphalt covered surfaces on Site	Entire Site (only asphalt covered surfaces)	Not listed: Application of de-icing salts	On-Site	EC, SAR (Soil) Na, Cl (Groundwater)	Soil and Groundwater
<b>APEC 15:</b> Potential presence of fill material	Entire Site (only asphalt covered surfaces)	30: Importation of Fill Material of Unknown Quality	On-Site	MET PAHs	Soil
<b>APEC 16:</b> Presence of brine UST on west side of former Hospital building	West portion of Site	8: Chemical Manufacturing, Processing and Bulk Storage	On-Site	EC, SAR (Soil) Na, Cl (Groundwater)	Soil and Groundwater
<b>APEC 17:</b> Presence of smoke stack / chimney on Site building	Landscaped areas of the Site	Not listed – presence of smoke stack / chimney	On-Site	PAHs Metals	Soil
<b>APEC 18:</b> Spill incident from off-Site UST (west of Site- 358 Reynolds)	Off-Site (west)	Not listed: Spill incident	Off-Site	PHCs, BTEX VOCs	Groundwater

(1) 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.

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

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

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# 1. Introduction

**Exp Services Inc. (exp)** was retained by The Town of Oakville to complete a Phase One Environmental Site Assessment (ESA) of the properties located at 327 & 291 Reynolds Street, 348 Allan Street in Oakville, Ontario (hereinafter referred to as the 'Site').

The objective of the investigation was to support the filing of a Record of Site Condition (RSC) in accordance with Ontario Regulation 153/04, as amended (O.Reg.153/04).

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 should be noted that the objective of this review was to identify any environmental concerns associated with the Site.

## 1.1 Phase One Property Information

For ease of reference, Reynolds Street is considered west of the Site and MacDonald Street is considered project north.

The Site is located on the north side of Reynolds Street and south side of Allan Street measuring approximately 5.7 hectares (14 acres). At the time of the Site visit, the Site was occupied by multiple buildings including the former Oakville Trafalgar Memorial Hospital, the Helen Lawson building, a multi-level parking garage and a vacant former school building.

A review of the historical records indicated the following construction dates for the Site:

Location on Site	Address	Building	Construction	Addition	Demolition
Northwest corner	327 Reynolds St	Oakville Trafalgar Memorial Hospital	Late 1940s	1950s to early 2000s	--
Northeast corner	348 Allan St	Helen Lawson Building	Early 1960s	--	--
Southwest corner	291 Reynolds St	Oakville Trafalgar High School	1908	1950s	Partial demolition - late 1990s (part of original structure remains)
Mid-portion of site	No address	Multi-level Parking garage	Late 1970s	--	--

Asphalt parking lots surround the Site buildings with landscaped areas on the south and southwestern portion of the Site.

Details of the Site are as follows:

<b>Civic Address</b>	327 Reynolds Street, Oakville, ON
<b>Current Land Use</b>	Institutional
<b>Proposed Land Use</b>	Residential (north portion of Site) Community Centre and Parkland Uses (south portion of Site)
<b>Legal Description</b>	Part Of Park Lots H, P, Q, R, S, T, U & V, Plan 1, And Part Of Lawson Street, Plan 1, Closed By By-law 642592 Designated As Parts 1, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27 & 28, 20r-20164 And Parts 11, 12 & 13, 20r-14568; S/t 650174; S/t 685689 Together With An Easement Over Parts 3 & 6, 20r-20164 As In Hr1287336 Subject To An Easement Over Parts 9, 14, 21, 22, 20r-20164 In Favour Of Parts 2 To 7, 20r-20164 As In Hr1287336 Subject To An Easement Over Part 28, 20r-20164 In Favour Of Parts 2 To 7, 20r-20164 As In Hr1287336 Subject To An Easement Over Parts 12, 14, 15, 18, 24, 20r-20164 In Favour Of Parts 2 To 7, 20r-20164 As In Hr1287336 Subject To An Easement Over Parts 9, 10, 26, 20r-20164 In Favour Of Parts 2 To 7, 20r-20164 As In Hr1287336 Subject To An Easement Over Parts 9, 17, 18, 19, 20r-20164 In Favour Of Parts 2 To 7, 20r-20164 As In Hr1287336 Subject To An Easement In Gross Over Parts 9, 10, 26 20r-20164 As In Hr1285154 Subject To An Easement In Gross Over Parts 12, 14, 15, 18, 24, 20r-20164 As In Hr1285778 Town Of Oakville
<b>Property Identification Number (PIN)</b>	248080073
<b>Assessment Roll Number (ARN)</b>	South side: 240104005005400 North side: 240104005006300
<b>Universal Transverse Mercator (UTM) coordinates</b>	Zone 17, 607360E 4812027N
<b>Site Area</b>	5.7 hectares (14 acres)
<b>Property Owners, Owner Contact and Address</b>	The Town of Oakville 1225 Trafalgar Road Oakville, ON L6H 0H3

## 2. 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 EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Site and surrounding properties within a 250 metre buffer 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 publically 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 Phase One property 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 Ms. Jaclyn Hart, B.ES, Ms. Stephanie Hsia, B.Sc., and Mr. Jon Charles, P.Geo. (Limited). (QP). An outline of their qualifications is provided in Appendix C.

## 3. Records Review

### 3.1 General

#### 3.1.1 Phase One Study Area Determination

The Site is located on the north side of Reynolds Street and on the south side of Allan Street, at 327 & 291 Reynolds Street and 348 Allan Street in Oakville, Ontario (Figure 1). The Phase One ESA study area consists of properties within a distance of 250 metres from the Site boundaries (Figure 2). The surrounding properties within the Phase One ESA study area predominantly consist of residential properties and a number of professional and institutional buildings south and east of the Site with one commercial property situated southwest of the Site. The Phase I ESA study area and a Surrounding Land Use Plan are shown on Figure 2.

#### 3.1.2 First Developed Use Determination

Based on a review of historical aerial photographs, chain of title information, historical maps, and other records, the Site was first developed on the eastern portion for institutional use in the late 1900s. The western portion of the Site was developed in the 1940s for institutional use. A more detailed discussion of the Site history, based on the available documentation, is provided below.

#### 3.1.3 Fire Insurance Plans

The Catalogue of Canadian Fire Insurance Plans, 1875 – 1975 (Catalogue) was reviewed at the Metro Toronto Reference Library to determine if Fire Insurance Plans (FIPs) for the Site existed. Based on a review of the Catalogue, a 1967 FIP was available for the Town of Oakville.

1967 FIP	Details
Site	<ul style="list-style-type: none"> <li>• The north portion of the Site is shown occupied by the Oakville-Trafalgar Memorial Hospital, which is addressed as 327 Reynolds Road.</li> <li>• The hospital includes kitchen, cafeteria, laundry, flammable storage room and boiler room.</li> <li>• Two (2) 10,000 gallon underground oil tanks are shown located on the west side of the hospital building.</li> <li>• A pipe tunnel connects to the building located at the northeast corner of the Site (building known as the Nurses Residence).</li> <li>• The Nurses Residence is addressed as 348 Allan Road.</li> <li>• A Tunnel also link the southern portion of the building to the northwest portion labelled "Laundry"</li> <li>• The mid-portion of the Site consists of vacant land.</li> <li>• The south portion of the Site and south adjacent property are shown occupied by the Oakville Trafalgar High School, which is addressed as 291 Reynolds Street North.</li> <li>• The school includes auditorium, gym, cafeteria and "shops" area.</li> </ul>

North / East	<ul style="list-style-type: none"> <li>The Grace Evangelical Lutheran Church is shown directly to the north of the Site beyond MacDonald Road. The Brantwood Public School and several residential properties are shown located to the east of the Site beyond Allan Street at the intersection of Palmer Avenue.</li> </ul>
West	<ul style="list-style-type: none"> <li>The properties situated west of the Site along Reynolds Street are shown occupied by a Medical Arts building (358 Reynolds Street) and residential dwellings.</li> </ul>

### 3.1.4 Chain of Title

A chain of title for the entire Site was requested from an independent title searcher. At the time of this report, the title search was not completed. The information will be included in the final report and used to generate the Table of Current and Past Uses.

### 3.1.5 Environmental Reports

Several reports were available for review regarding the history and previous environmental investigations at the Site. A summary of pertinent environmental reports is provided below.

The report entitled "Phase One Environmental Site Assessment, Oakville Trafalgar Memorial Hospital Compound, 327 Reynolds Street, Oakville, Ontario" dated January 18, 2013, and prepared by Peto MacCallum Ltd. was available for review. A review of this report identified the following:

- The Site consists of four (4) buildings (including an operating hospital) associated with the Oakville Trafalgar Memorial Hospital Compound (OTMHC). The Helen Lawson Building is steam heated from the hospital powered equipment and window units. No fuel tanks were present in the building.
- A review of the 1877 Historical atlas and 1910 FIP indicated that MacDonald Road was formerly Division Street and Trafalgar Road was formerly Dundas Street. N
- The 1910 FIP (Chas. E. Goad Plan) indicated that the Site and surrounding properties consisted of a school, parkland with residential, recreational and limited commercial.
- 1967 FIP
  - Based on a review of the two (2) 10,000 gallon USTs shown on the FIP, the USTs were located approximately 5 to 10 m east of the current UST area.
  - Reportedly, the underground tunnels illustrated on the FIP were used as service tunnels for steam heat supply and may contain ACMs.
- Laundry facilities operated until 1990 (no dry cleaning completed on-Site).
- The report included a review of two (2) Phase I ESAs from 1993 and 1998, Asbestos Survey Report, Identification, Decommissioning of PCB storage Site (2000), Tank reports from 2006 and 2007, Subsurface Investigation in proximity of fuel oil USTs.
  - Phase I ESA completed by Proctor and Redfern Limited in 1998
    - Two (2) 10,000 gallon USTs were removed and replaced by two (2) 15,000 gallon USTs in 1978.
    - Two (2) fuel oil "day tanks" with secondary containment (installed approximately 8 to 9 years' prior) existed in the plant mechanical room.

- Underground Fuel Oil Storage Tank documents, Precision Tank Test Report (Tankology Canada Inc.) in February 2006 and January 2007
  - Claybar Contracting conducted Vacutect Test on the two (2) heating oil 56,800 L USTs. The results passed the test. Certificate of Tightness was issued.
  - Cathodic Protection upgrades to USTs during replacement of product and vent piping with plastic material occurred.
- Cathodic Protection of two USTs completed by Corrosion Service Company Limited (2007, 2012)- Cathodic Protection and testing of USTs completed.
- Draft Report of Subsurface Investigation Program near Fuel Oil USTs (Premier Environmental- May 2007)
  - Three (3) boreholes were installed in the vicinity of the USTs. Fill material was encountered between 0.9 and 1.2 m bgs. The analytical results indicated that the soil samples submitted for petroleum hydrocarbons (PHCs) benzene , toluene, ethylbenzene, xylenes (BTEX) and polycyclic aromatic hydrocarbons (PAHs) were below the 2004 MOE Table 3 SCS. Groundwater was encountered in the well between 2.35 and 3.06 metres (m), however groundwater was not sampled. Boreholes could not be completed east and north of the tank nest due to buried pipes, gas line and other structures.
- The identified PCAs / APECs for the Site are as follows:

PCA #	Address	Description
PCA-1	327 Reynolds St.	Two (2) 56,800 L single walled steel USTs with cathodic protection were present since 1978. The tanks are filled with #2 Fuel oil / heating oil used for emergency power generators present on-Site (in vicinity of two (2) former fuel oil USTs from 1950).
PCA-2	348 Allan St	PCB Registered Storage Site location (south of Lawson Building- fenced metal shed location).
PCA-3	327 Reynolds St	Collection Pit Storage Tank from Chemical Storage Room and staining in vicinity of storage bin.
PCA-4	327 Reynolds St (formerly 291 Reynolds)	Historic fuel tank at the high school.
PCA-5	327 Reynolds to 348 Allan St	Underground steam distribution piping between hospital and Helen Lawson Office building.
PCA-6	Entire Site	Possible fill material- soil chemical quality uncharacterized for fill material.

The report entitled “Former Hospital Lands, 327 & 291 Reynolds Street and 348 Allan Street, Oakville, Ontario- Phase One Environmental Site Assessment” dated March 30, 2015 (revised July 19, 2016), and prepared by WSP was available for review. A review of this report identified the following:

- The Site is approximately 14 acres in size and consists of three properties (Former Oakville Trafalgar Memorial Hospital- 327 Reynolds Street, Former Oakville Trafalgar High School- 291 Reynolds, Helen Lawson Building (former nurses’ residence, office building for hospital)- 348 Allan Street).
- First developed use: Based on a review of historical records, the Phase One Property and properties within the study area were redeveloped in the early to mid-1900s.
- Fire Insurance Plans (1967)

- The Site occupied by Oakville Trafalgar Memorial Hospital (327 Reynolds Street), with two (2) 10,000-gallon oil tanks at northwest exterior, a flammable storage area at southwest side, and two underground tunnels extending from the hospital property.
- The Lawson Building is located at 348 Allan Street (east of the hospital).
- The Oakville Trafalgar High School was located south of the hospital.
- 358 Reynolds Street (west adjacent)- medical arts building
- 331 Sheddon Avenue (south)- medical centre
- City Directories (1960 to 2001)
  - 327 Reynolds St- various health facilities since 1965 to 2001
  - 291 Reynolds St- residential in 1960, Oakville Trafalgar High School (1965-1975), Halton Board of Education (1980-1990). Not listed past 1990.
  - 348 Allan St- not listed.
  - Surrounding properties - residential and institutional from 1960 to 2001.
- Previous Environmental reports:
  - A Phase One ESA completed by Peto MacCallum Ltd. in 2013. The report indicated the following pertinent findings: two (2) USTs were installed in 1978 to replace the two (2) former fuel oil tanks from 1950, Site was listed as a PCB storage site, staining was observed on the ground in the vicinity of the collection pit / tank from the chemical storage room, historical fuel tank at the High school building and possible presence of fill material on the Site.
- Environmental Source Information
  - The Site was listed in the PCB storage database for 1999 and 2003.
  - The Site (Hospital and School) were listed as registered waste generators.
- Two (2) monitoring wells were observed in the area of the tank nest (northwest portion of the Site).
- The pertinent findings of the report are as follows:
  - Sixteen Mile Creek is situated approximately 200 m south / southwest of the Site. The inferred shallow groundwater flow is to the south towards Sixteen Mile Creek.
  - The first developed use of the property was institutional; associated with the property addressed as 291 Reynolds Street which was developed as the high school in 1908. Details of the age of the buildings on-Site are as follows:

Location on Site	Address	Building	Construction	Addition	Demolition
Northwest corner	327 Reynolds St	Oakville Trafalgar Memorial Hospital	Late 1940s	1950s to early 2000s	--
Northeast corner	348 Allan St	Helen Lawson Building	Early 1960s	--	--
Southwest corner	291 Reynolds St	Oakville Trafalgar High School	1908	1950s	Partial demolition - late 1990s (part of original structure remains)

Mid-portion of site	No address	Multi-level Parking garage	Late 1970s	--	--
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Nine (9) areas of potential environmental concern (APECs) were identified for the Site.

APEC #	Location	PCA	Details	Media and COCs
APEC 1	327 Reynolds St- Northwest corner	28- Gasoline and Associated Products Storage in Fixed Tanks	A review of the FIP and the Site visit indicated two (2) fuel oil USTs have been present at the property since the 1950s.	S&GW  PHCs, BTEX, VOCs
APEC 2	291 Reynolds St	28- Gasoline and Associated Products Storage in Fixed Tanks	The Site visit indicated a vent pipe at the east exterior of the former school building. This may have been historically associated with a fuel oil tank in the school.	S&GW  PHCs, BTEX, VOCs
APEC 3	327 Reynolds St	28- Gasoline and Associated Products Storage in Fixed Tanks	The Site visit indicated an aboveground diesel oil tank was located in the mechanical room. The tank tag indicated that the double walled vacuum monitored tank was manufactured in 2007 with a capacity of 1345 L.	S&GW  PHCs, BTEX
APEC 4	Entire Site	30- Importation of Fill Material of Unknown Quality	Fill material was likely placed on the Site during its original construction, specifically in areas surrounding the former school building in areas where structures were demolished.	S&GW  PHCs, PAHs, MET As, Sb, Se B-HWS, CN, Cr(VI), Hg High pH, low pH
APEC 5	Not listed	55- Transformer Manufacturing, Processing and Use	Based on information from the PCB storage site inventory, PML Phase One ESA, and interviews indicated that PCBs were formerly stored in the area west of the Lawson Building.	S&GW  PCBs
APEC 6	327 Reynolds St, 291 Reynolds St.	58- Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners	The property at 327 Reynolds St was listed as a registered waste generator for various waste streams including acid waste-heavy metals, light fuels, halogenated solvents, PCBs, and explosive manufacturing wastes.  The property at 291 Reynolds St. was also listed as a registered waste generator of various waste streams including oil skimmings & sludges, waste oils & lubricants and petroleum distillates.	S&GW  PHCs, BTEX, VOCs, MET PAHs As, Sb, Se B-HWS, CN, Cr(VI), Hg High pH, low pH
APEC 7	All paved areas of Site	N/A- Application of De-icing Salts and on-Site storage	Portions of the Site were formerly used as parking lots and driveways and subject to	S&GW



APEC #	Location	PCA	Details	Media and COCs
			application of de-icing salts during winter. Salt storage area was observed on the south portion of the Site (south of parking garage).	EC, SAR Na, Cl
APEC 8	Entire Site	N/A- Chemical Collection Pit / Tank	Based on information from the Site visit and previous PML Phase One ESA, an underground collection pit / tank is located in the west central exterior area of 327 Reynolds St.	S&GW  PHCs, BTEX, VOCs, MET PAHs As, Sb, Se B-HWS, CN, Cr(VI), Hg High pH, low pH
APEC 9	327 Reynolds St	28- Gasoline and Associated Products Storage in Fixed Tanks	Based on the Site visit and information from the interview, a UST was located on the east side of the building addressed as 327 Reynolds Street. Reportedly the tank was installed as a holding container for waste water from de-contamination associated with hospital operations. However, according to operations staff, the tank was never used	S&GW  PHCs, BTEX, VOCs

**Notes:** COCs – Contaminants of concern  
S&GW – Soil and groundwater

## 3.2 Environmental Source Information

### 3.2.1 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 conducted by EcoLog Environmental Risk Information Services (ERIS) in May 2016. **Exp** has confirmed neither the completeness nor the accuracy of the records that were provided. A copy of the EcoLog ERIS report is provided in Appendix E. A summary of the significant findings is provided below.

#### 3.2.1.1 Certificates of Approval (1985 to October 30, 2011)

A review of the records associated with the Certificates of Approval identified the following:

Direction from Site	Address	Company	Issue Date	CofA	Associated PCA
Site	327 Reynolds Street	Oakville Trafalgar Memorial Hospital	05/14/1996	<ul style="list-style-type: none"> <li>ETO Sterilizer</li> <li>Industrial Air</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>
			In progress	<ul style="list-style-type: none"> <li>Existing Boiler and Emergency Generator</li> <li>Industrial Air</li> </ul>	
			11/01/1993	<ul style="list-style-type: none"> <li>ETO Catalytic Disposer and Area Exhaust</li> </ul>	

Direction from Site	Address	Company	Issue Date	CofA	Associated PCA
				<ul style="list-style-type: none"> <li>Industrial Air</li> <li>Ethylene Oxide, Difluorodichloromethane (Freon 12)</li> </ul>	
Northwest	Spruce Street and Reynolds Street	Town of Oakville	08/05/1988	<ul style="list-style-type: none"> <li>Municipal Sewage</li> </ul>	

### 3.2.1.2 Waste Disposal Sites (MOE CA Inventory 1970 to Feb 2014), MOE 1991 Historical Approval (up to Oct 1990)

The MOE maintains an inventory of known active or inactive and closed disposal sites within Ontario. Certificates of Approval are issued to active sites and inactive sites maintain the CofAs. In 1991, the MOE published a Waste Disposal Site Inventory of known active and closed disposal sites. The information included in the inventory includes: site location, waste type, site status and classification.

- Based on the review, no waste disposal sites were identified within the Phase One Study Area.

### 3.2.1.3 Coal Gasification Plants and Coal Tar Sites (April 1987 to Nov 1988)

The Coal Gasification Plants and Coal Tar Sites inventory was published by the MOE in 1988 to document the industrial facilities in Ontario that produced or used coal tar and other related tars. The information included in this inventory includes: facility type, size, land use, soil condition, site operators/occupants, site description, and potential environmental impacts.

- Based on the review, no coal gasification sites were identified within the Phase One Study Area.

### 3.2.1.4 National Pollutant Release Inventory (NPRI) (1993 to 2011)

The National Pollutant Release Inventory (NPRI) is a collection of national data pertaining to releases to air, water, or land and waste transfers for recycling of certain substances.

- The Site and surrounding properties within the Phase One ESA study area were not listed in the NPRI database.

### 3.2.1.5 MOECC Inventory of PCB Storage Sites (National PCB Inventory and Ontario PCB Inventory) (1988 to 2008 and 1987 to Oct 2004)

The MOECC maintains an inventory of polychlorinated biphenyl (PCB) storage sites within Ontario. The database provides information on waste quantities, sites storing liquid or solid waste and waste storage inventory.

A review of the inventory of PCB storage sites identified the following:

Company	Transaction Date	Description	Associated PCA
Site- 327 Reynolds Street	N/A	<ul style="list-style-type: none"> <li>In-Storage</li> </ul>	Not Listed – PCB Storage Site
	10/06/1993	<ul style="list-style-type: none"> <li>No information available</li> </ul>	

Company	Transaction Date	Description	Associated PCA
(Oakville Trafalgar Memorial Hospital)	01/29/1996	<ul style="list-style-type: none"> <li>200 kg Askarel</li> <li>Stored for disposal</li> </ul>	
	08/05/1988	<ul style="list-style-type: none"> <li>Municipal Sewage</li> </ul>	
	2000	<ul style="list-style-type: none"> <li>Weight of Bulk Liquid with High Level PCBs (&gt;1000 ppm) kg</li> <li>1 Transformer with High Level PCBs (&gt;1000 ppm) kg</li> <li>Various drums of ballasts with high and low levels of PCBs</li> </ul>	
	1999	<ul style="list-style-type: none"> <li>Weight of Bulk Liquid with High Level PCBs (&gt;1000 ppm) kg</li> <li>1 Transformer with High Level PCBs (&gt;1000 ppm) kg</li> <li>Various drums of ballasts with high and low levels of PCBs</li> </ul>	
	1998	<ul style="list-style-type: none"> <li>Weight of Bulk Liquid with High Level PCBs (&gt;1000 ppm) kg</li> <li>1 Transformer with High Level PCBs (&gt;1000 ppm) kg</li> <li>Various drums of ballasts with high and low levels of PCBs</li> </ul>	
	1994	<ul style="list-style-type: none"> <li>Weight of Bulk Liquid with High Level PCBs (&gt;1000 ppm) kg</li> <li>1 Transformer with High Level PCBs (&gt;1000 ppm) kg</li> </ul>	
	2004	<ul style="list-style-type: none"> <li>No information available</li> </ul>	

### Storage Tank Databases

The Ecolog ERIS Report included a search of the following databases:

- List of TSSA Expired Facilities (May 2013 to current);
- Fuel Storage Tank (2010 to May 2013);
- Fuel Storage Tank- Historic (Pre-Jan 2010);
- Historic Fuel Storage Tank (Pre January 2010);
- Private and Retail Fuel Storage Tanks (1989 to 1996);
- Commercial Fuel Oil Tanks
- Retail Fuel Storage Tanks (1999 to June 2010);

A search of storage tank databases indicated the following:

- William Heron, a tenant of the property located approximately 100 m north of the Site at 338 Douglas Avenue, was listed in the commercial fuel oil tank database with an active 2000 L fuel oil

tank. This property is associated with the following PCA: #28 – Gasoline and Associate Products Storage in Fixed Tanks

### 3.2.1.6 Technical Standards and Safety Act (TSSA) Incidents (June 2009- November 2015), TSSA Historic Incidents (2006 – June 2009)

A search of the TSSA incidents indicated the following:

- Based on a review of the database, the Site was not listed in the databases.
- An incident inspection was completed at 358 Reynolds Street following a leak. No other information is available for this incident. This is likely associated with the UST spill incident at the property (see Section 3.2.10).
- Two additional natural gas incidents are listed for surrounding properties at 352 Douglas Avenue (vapour release) and 305 Douglas Avenue (1/2" pipeline hit).
- The property located west of the Site at 344 Reynolds Street is listed in the TSSA Historic Incidents database. The description is listed as "incident/near-miss occurrence (FS) with status listed as "completed- no action required". The fuel category is listed as "gaseous fuel". Given that the incident is listed as a near / miss incident with no further action required, this was not identified as a potentially contaminating activity.

### 3.2.1.7 TSSA Pipeline Incidents (November 30, 2015)

A search of the TSSA pipeline incidents indicated a 1/2" natural gas pipeline was hit and damaged at 343 Allan Street, approximately 15 m north of the Site. No other information is available for this incident.

### 3.2.1.8 Ontario Regulation 347 Waste Generators Summary

A search of the Ontario Regulation 347 Waste Generators Summary identified 14 tenants / companies registered as waste generators within the Phase One Study Area. The following records were identified to be associated with the Site and surrounding properties within 250 m of the Site.

#### Registered Waste Generators listed for the Site

Direction	Address	Tenant	Waste Class	Years	Associated PCA
Site	291 Reynolds Street	Halton Board of Education (Oakville Trafalgar High School)	Inorganic Laboratory Chemicals, Aromatic Solvents, Petroleum Distillates, Oil Skimmings & Sludges, Waste Oils & Lubricants, Organic Laboratory Chemicals	1986-1990, 1992-1998	#58- Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners
	327 Reynolds Street	Oakville Trafalgar Memorial Hospital	Various Waste Classes including acid waste- heavy metals, halogenated solvents, waste oils & lubricants, aromatic solvents and PCBs	1986-2015	
		Halton Healthcare Services			

**Registered Waste Generators on surrounding properties**

Direction	Address	Tenant	Waste Class	Years	Approximate Distance
South	345 Reynolds Street	Oakville Cytology Service	Aromatic Solvents, Aliphatic Solvents	1986-1988	10 m
West	358 Reynolds St	Dr. Ross Prince	Light Fuels	2012-2013	15 m
		Oakville Cytology Service	Aromatic Solvents, Aliphatic Solvents	1989-2001	
		1801473 Ontario Corp.	Pathological Wastes	2010-2011	
West	337 Trafalgar Road	MacLachlan College	Acid Wastes – Heavy Metals, Organic Laboratory Chemicals, Waste Compressed Gases, Inorganic Laboratory Chemicals, Paint/Pigment/Coating Residues	2005-2006, 2009-2013, 2015	75 m
South	331 Sheddon Avenue	CML Healthcare	Pathological Wastes	2009-2011	75 m
		LifeLabs LP	Pathological Wastes	2012-2013, 2015	
		Madill Pharmacy Ltd.	Pharmaceuticals, Pathological Wastes	1998-2001	
		Sheddon Avenue Medical Associates	Pharmaceuticals, Pathological Wastes	2010-2013, 2015	
		Hibbert Foot Clinic	Pathological Wastes	2013	
		1458408 Ontario Inc.	Waste Oils & Lubricants	2009	

A review of the records indicated the following:

- Former tenants of the Site were listed as registered waste generator of various waste streams from 1986 until 2015.
- Several tenants of the property located west of the Site at 358 Reynolds Street were listed as registered waste generators. However, given the type of operations at the property, the potential for environmental impact to the Site is considered low.
- The remaining west generators are considered too distant and / or trans-gradient / down-gradient with respect to the anticipated groundwater flow direction.

**3.2.1.9 Ontario Spills (1988 to Jun 2013)**

A search of the Ontario Spills database identified the following within vicinity the Phase One ESA Study area:

- Two (2) spill incidents are listed for the surrounding properties.

Tenant	Incident Date	Incident	Associated PCA
Union Gas - 343 Allan Street	May 7, 2013	<ul style="list-style-type: none"> <li>• Natural gas (methane) 0.5-inch plastic line strike</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>

		<ul style="list-style-type: none"> <li>• Air pollution confirmed</li> </ul>	
Oakville Medical Arts Pharmacy – 358 Reynolds Street	December 12, 2012	<ul style="list-style-type: none"> <li>• Fuel oil spill from leaking underground storage tank (UST)</li> <li>• Soil contamination confirmed</li> </ul>	<ul style="list-style-type: none"> <li>• Not listed – spill incident</li> </ul>

### 3.2.1.10 Record of Site Condition (1997 to Sept 2001, Oct 2004 to Oct 2014)

A search of the Record of Site Condition (RSC) database identified the following within the Phase One ESA study area:

- A review of the database indicated that the Site was not listed in the database.
- The property located approximately 70 metres (m) south of the Site, at 331 Sheddon Avenue, filed an RSC on May 14, 2014. A Phase I and II ESA were completed to address a transformer at 331 Sheddon Avenue. The purpose of the RSC was to change the property zoning from commercial to residential. The maximum concentration of Polychlorinated Biphenyls (PCBs) did not exceed the applicable Site Condition Standard (SCS).
- Based on the information provided, no PCAs were identified.

### 3.2.1.11 Scott's Manufacturing Directory (1992 to March 2011)

A review of the Scott's Manufacturing Directory database identified the following within the Phase One ESA Study area:

Direction and distance from Site	Address	Company	Operations	Associated PCA
Northwest	384 Reynolds Street	A & T Custom Mirrors	<ul style="list-style-type: none"> <li>• Established in 1986</li> <li>• Wood household furniture, except upholstered</li> <li>• Glass products, made of purchased glass</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>

### 3.2.1.12 Water Well Information System

A search of the Water Well Information System identified the following within vicinity of the Site:

- One (1) water well record for an observation well was listed for the Site. The overburden soils information was not available. Water was encountered at 2 m below ground surface and total well depth was approximately 3.35 m. This was likely associated with former environmental investigations on-Site.
- One (1) water well record was listed for the surrounding properties at 331 Sheddon Avenue. No other information was provided in the database.

Details of the well records can be found in the attached Ecolog ERIS report in Appendix D.

### 3.2.1.13 Borehole Database (1875 – July 2014)

A search of the Borehole database identified the following:

- One (1) borehole was completed on the Site in April 1960 for a geotechnical/geological investigation. The borehole was completed to a depth of 6.4 m and contained brown fine-medium sand, silt, lacustrine, loose, age glacial from 0 – 2.1 m. Red / brown compact sand and gravel was encountered at between 2.1 – 4.6 m. Red lacustrine stiff silt, clay and sand was encountered at between 4.6 to 6.4 m.
- One (1) borehole was completed at the property east adjacent to the Site (appears to be associated with 331 Sheddon Avenue) in April 1960 for a geotechnical/geological investigation. The borehole was completed to a depth of 5.0 m and contained brown, medium, loose sand from between 0 - 0.9 m. Red / brown medium to fine.

## 3.2.2 Municipal Records

### 3.2.2.1 Municipal Directories

A review of the previous environmental reports obtained city directories from 1960 to 2001 indicated the following tenants within the Phase I ESA study area:

Direction	Address	Tenant	Years occupied
Site	291 Reynolds Street	Not Listed	2001, 1995
		Halton Board of Education	1981-1990
		Oakville Trafalgar High School	1965-1971
		Residential	1960
	327 Reynolds Street	County Interiors & Renovations, Halton Healthcare Services, Milton District Hospital, State Group, Work Fitness Plus Physiotherapy Clinic	2001
		Ellis Don Construction, Guild Electric Limited, Hospital Life Safety System Inc., Oakville Medical Society, Oakville Trafalgar Memorial Hospital, Work Fitness Plus Community Clinic	1995
		Black John Hospital, Oakville Emergency Service Inc.	1981-1990
		Oakville Trafalgar Memorial Hospital	1965-1975
		Not Listed	1960
	348 Allan Street	Not Listed	1960-2001
East	220 - 412 Douglas Avenue	Residential	1960-2001
	360 – 400 Galt Avenue	Residential	1960-2001
West	260 – 290 Lawson Street	Residential	1981-2001
		Not Listed	1960-1975
	220-395 Reynolds Street	Residential / Light Commercial	1960-2001
	337 Trafalgar Road	MacLaghlan College and Prep School	1985-2001
		Residential	1960-1981
	339 Trafalgar Road	Not Listed	1960-2001
Residential		1975-1981	
North	257-400 MacDonald Road	Residential / Commercial	1981-2001
		Residential	1960-1975

The former hospital building at 327 Reynolds Street has been operational since at least 1960 as a Hospital and the former school building at 291 Reynolds Street has been operational since at least 1960 as a school. The historical tenants of the surrounding properties are unlikely to pose an environmental impact to the Site.

### 3.2.2.1. *Town of Oakville - Municipal Records (Zoning By-law)*

On September 16, 2016, the Town of Oakville Zoning-by law document (obtained from the Town of Oakville website) was searched for information regarding zoning for the Site. The document indicated the following:

- The Site is zoned as I for Institutional. Based on information provided by the client, the proposed land use is residential on the north portion of the Site and community and parkland on the south portion of the Site.



- The surrounding properties primarily consist of residential and community use. The properties south of the Site beyond Sheddon Avenue are zoned as a Park and Private open space. The Sixteen Mile Creek is located approximately 225 m south /southwest of the Site which is zoned as a natural area.

### 3.2.3 Ontario Ministry of the Environment Records

#### 3.2.3.1 Ministry of the Environment and Climate Change (MOECC)

On September 20, 2016, a request for information was submitted to the Ontario Ministry of the Environment and Climate Change (MOECC) Freedom of Information, Protection of Privacy Office for information in their files regarding the Site that pertain to any Environmental Concerns, Orders and Spills.

A copy of the request letter is included in Appendix F.

#### 3.2.3.2 Ministry of the Environment Databases

The Ecolog ERIS report summarized in the Federal and Provincial Database Search section of the report included a summary of MOE databases (see section 3.2.1). The databases include the following: MOE Environmental Bill of Rights (EBR), MOE Brownfields Environmental Site Registry, MOE Hazardous Waste Information Network (HWIN), MOE Waste Disposal Sites).

### 3.2.4 Technical Standards and Safety Authority

A request was made to the TSSA by email on September 16, 2016 for information regarding fuel storage at the Site and adjacent properties.

In the email response dated September 18, 2016, no records were located for the Site or immediate surrounding properties. A copy of the TSSA request and response is provided in Appendix G.

## 3.3 Physical Setting Sources

### 3.3.1 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 dated 1934, 1960, 1974, 1988, 1999 and 2015 were obtained for review.

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

**Table 3-1: Aerial Photograph Observations**

Aerial Photograph Year	Observations
1934	<ul style="list-style-type: none"> <li>• The Site appears to be vacant at 327 Reynolds Street and 348 Allan Street.</li> <li>• The Site, at 291 Reynolds Street appears to be occupied by a small structure on the western portion of the property (likely school building). The area surrounding the building is treed and a carriage driveway can be seen leading to Reynolds Street.</li> <li>• Residential dwellings can be seen on the surrounding properties.</li> </ul>
1960	<ul style="list-style-type: none"> <li>• A large structure similar to a hospital layout with a footprint smaller than present day building can be seen at 327 Reynolds Street. Parking lots can be seen on the north, south and west portions of the property.</li> <li>• The Site appears to be vacant and treed at 348 Allan Street.</li> <li>• The structure observed at 291 Reynolds Street in the 1934 aerial photograph appears to have been extended on the north and south side of the original building. Paved areas can be seen surrounding the Site building on the south and east side.</li> <li>• Further development of residential dwellings and parkland can be seen on surrounding properties.</li> </ul>
1974	<ul style="list-style-type: none"> <li>• The Site building located at 327 Reynolds Street has been extended.</li> <li>• A small structure (likely the Helen Lawson building) is apparent at 348 Allan Street with a similar footprint and configuration to that observed at the time of the Site visit.</li> <li>• The school building at 291 Reynolds Street appears to have been further extended on the east and west side of the original building with what appears to be a running track on the eastern portion of the property.</li> <li>• The surrounding properties appear to consist of residential dwellings and parkland with all major roadways constructed.</li> </ul>
1988	<ul style="list-style-type: none"> <li>• Due to the poor resolution of the aerial photograph, fine details are difficult to discern.</li> <li>• The Site buildings located at 327 Reynolds Street and 348 Allan Street appear similar to that observed in the 1974 aerial photograph.</li> <li>• A large rectangular structure can be seen in the central portion of the Site similar to the configuration of the parking garage observed at the time of the Site visit.</li> <li>• The school building at 291 Reynolds Street appears to be similar to that observed in the 1974 aerial photograph.</li> <li>• The surrounding properties appear to be similar to that observed in the 1974 aerial photograph.</li> </ul>
1999	<ul style="list-style-type: none"> <li>• The Site building and parking garage located at 327 Reynolds Street appear to be similar to that observed at the time of the Site visit.</li> <li>• The Site building located at 291 Reynolds Street appears similar to that observed in the 1988 aerial photograph.</li> <li>• The Helen Lawson building is similar to that observed in the 1974 and 1988</li> </ul>

Aerial Photograph Year	Observations
	aerial photographs and present day. <ul style="list-style-type: none"> <li>• The surrounding properties appear similar to that observed in the 1974 and 1988 aerial photographs primarily consisting of residential dwellings and parkland.</li> </ul>
2015	<ul style="list-style-type: none"> <li>• The Site building at 327 Reynolds Street appears to have been extended to the north at the front entrance.</li> <li>• The building at 348 Allan Street and surrounding properties appear similar to that observed at the time of the Site visit.</li> <li>• The extensions to school building located at 291 Reynolds Street on the north, south, east and west appear to have been demolished leaving the original structure observed in the 1934 aerial photograph.</li> <li>• South adjacent to the Site appears to be occupied by a large commercial or institutional structure, similar to that observed at the time of the Site visit.</li> </ul>

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

- The southern portion of the Site was formerly occupied by a larger structure which has been demolished. There is the potential for the former building footprint to have been backfilled with fill material of unknown quality. This aspect is associated with PCA #30- Importation of fill material of unknown quality.

### 3.3.2 Topography, Hydrology and Geology

The following physiographic, geological and soil maps were reviewed on September 16, 2016:

- Toporama"; Natural Resources Canada. Scale 1:15,000. 2008.
- Physiography of Southern Ontario; Ontario Geological Survey, Map P.2715. Scale 1:600,000. 1984.
- Quaternary Geology of 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 is approximately 95 metres above sea level (masl).
- Sixteen Mile Creek is located approximately 225 m west of the Site.
- Based on the information provided on the topographic map, regional groundwater is expected to flow to the south / southwest.
- The Site is located in the physiographic region characterized by Shale Plain.

- The surficial geology of the Site and surrounding areas are comprised of lacustrine and outwash sand. South of the Site surrounding Sixteen Mile Creek is comprised of bedrock (shale and dolomite).
- The bedrock in the general area forms part of a group belonging to the Georgian Bay Formation, Blue Mountain Formation, Billings Formation, Collingwood Member and Eastview Member consisting of shale, limestone, dolostone and siltstone. A review of the previous environmental reports indicates that the depth to bedrock was encountered between 3.7 to 6.7 m below ground surface (bgs).
- The Site is visible on the MNR base map. Based on the Site reconnaissance there is a discernible incline on the Site by the Helen Lawson building on the northwest portion of the Site, however, the general Phase One ESA Study Area gradually decreases in elevation towards Sixteen Mile Creek, which is located approximately 225m west of the south property line.

### 3.3.3 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, such as locations of former USTs.

Evidence of fill material was not observed on Site during the time of the Phase I ESA Site reconnaissance, however, a review of previous environmental reports indicates approximately 2.3 m of fill is present on-Site. Fill placement would have occurred on-Site for the construction of the Site buildings, parking lot and services.

A review of the historical records indicates the former school on-Site located at 291 Reynolds Avenue, consisted of multiple structures that have since been demolished. Fill material is likely present within the original footprints of the former structures.

The possible presence of fill material is associated with the following PCA: #30- Importation of fill material of unknown quality.

### 3.3.4 Water Bodies and Areas of Natural Significance

Based on the review of available resources from the Ministry of Natural Resources, MOE, no areas of natural significance were identified at the Site or within the Phase One ESA study area. Eroquois Shoreline Woods is the closest area of natural and scientific interest (ANSI). The Sixteen Mile Creek situated approximately 3.7 km northwest of the Site is identified as a candidate ANSI.

According to the Town of Oakville's mapping system, Sixteen Mile Creek is considered a natural feature but is not classified as a Provincially Significant Wetland.

### 3.3.5 Well Records

#### 3.3.5.1 Water Wells

A search of the water well database was conducted by EcogERIS to identify water wells within the Phase One study area. Refer to section 3.2.1.15 for a summary of the water wells within the Phase One ESA study area.

### 3.3.5.2 Oil, Gas, and Salt Wells

A search of the Oil, Gas & Salt Resources Library (2014) website was completed to identify oil, gas and salt wells within the vicinity of the Site on September 20, 2016. The search of the website indicated there was no oil, gas or salt wells at the Site or within the Phase One ESA study area.

## 3.4 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 MOE 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

The Site was unoccupied and no records were reviewed at the time of the Site visit. In addition, sufficient historical information has been provided through the previous environmental reports.

## 4. 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 during the Site reconnaissance in order to obtain information to assist in identifying details of potentially contaminating activities, potential contaminant pathways in, on, or below the Site, and areas of potential environmental concern. Any information provided during the interviews is presented alongside information from the Site reconnaissance in Section 5.

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

1. Ms. Nazia Tirmazi, Project Manager, Capital Projects at The Town of Oakville, provided information regarding the Site including information regarding historical operations and proposed development for the Site.

## 5. Site Reconnaissance

### 5.1 General Requirements

The Phase One ESA Site reconnaissance was conducted on September 19, 2016, between 10:30 am and 4:00 pm by Ms. Jaclyn Hart under the supervision of Mr. Jon Charles, a Qualified Person as defined by O.Reg. 153/04, as amended. On the day of the Site reconnaissance, the weather was warm and sunny (approximately 28 °C).

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

### 5.2 Specific Observations at Phase One ESA Property

#### 5.2.1 Site Description and Buildings

The Site is located on the north side of Reynolds Street and south side of Allan Street measuring approximately 5.7 hectares (14 acres). At the time of the Site visit, the Site was occupied by multiple buildings including the former Oakville Trafalgar Memorial Hospital, the Helen Lawson building, a multi-level parking garage and a vacant former school building.

At the time of the Site reconnaissance, all buildings on the Site were unoccupied. Asphalt parking lots surround the Site buildings with landscaped areas throughout the Site.

#### 5.2.2 Heating and Cooling Systems

The hospital building and Helen Lawson building are heated by natural gas-fired boilers distributed through the buildings using forced air and hot water radiators.

The hospital is cooled using 500 and 1000-ton R-22 Trane chillers and the Helen Lawson building is cooled using rooftop air conditioning units.

At the time of the Site reconnaissance, the former school building on-Site, at 291 Reynolds Street, was not accessible.

#### 5.2.3 Site Utilities and Services

Potable water is provided to the hospital building and Helen Lawson building through the municipal water distribution system and sanitary wastewater is discharged to the municipal sewer system. Electrical services to the hospital building and Helen Lawson building is supplied by local Hydro.

The former school building was not accessible at the time of the Site reconnaissance; it is likely the services have been disconnected.

A natural gas line is situated at the northwest corner of the Site building (former hospital), along the west side of the building.

Cable and bell lines are situated within the asphalt parking south of the former hospital building and west of the parking garage. Bell lines are also situated in the asphalt parking areas south of the parking garage and east of the former school.

Overhead hydro was also observed along Reynolds Street (west side of Site).

A review of the historical information and previous reports indicated that an underground steam distribution piping tunnel connects the former hospital building and Lawson Building.

Given that underground utilities are located on the Site, there is the potential for the distribution and transport of contaminants via the underground utilities.

#### **5.2.4 Sewage and Wastewater Disposal**

The Site and surrounding area is served by municipal sanitary and storm sewer systems.

#### **5.2.5 Potable Water Sources**

The Site is provided with a municipal water source.

#### **5.2.6 Abandoned and Existing Wells**

No abandoned or existing potable water wells were observed on the Site during the Site visit.

#### **5.2.7 Site Production and Manufacturing**

The Site is currently occupied by a vacant hospital building, a vacant office building, a parking garage and a vacant former school building. The remaining areas of the Site consist of asphalt paving and landscaped areas. No production or manufacturing activities were being completed at the time of the Site visit.

#### **5.2.8 Drains, Pits and Sumps**

Multiple drains were observed in the hospital building in the basement and washrooms that are reportedly connected to the municipal sewer system. Sump pumps were observed in the mechanical rooms in the hospital building.

A chemical collection pit with a concrete lid was observed on the exterior southwest portion of the hospital building. According to previous environmental reports, no information was provided regarding the use, size and construction of the pit. No staining was observed in the vicinity of the chemical collection pit.

#### **5.2.9 Storage Tanks**

Evidence of the presence/absence of Underground Storage Tanks (USTs) and Above Ground Storage Tanks (ASTs) at the Site was assessed during the Site visit.

A review of the previous environmental reports indicated that two (2) 68,000 L single wall, steel USTs were located at the northwest corner of the Site.

One (1) diesel 1,345 L AST was observed in the diesel generator room located in the hospital building (327 Reynolds Street).

Three (3) manholes were observed on the west portion of the former hospital building in the vicinity of the footprint area of the former USTs. This appears to be associated with a brine tank (signage for brine tank observed inside the building).



Two (2) sets of fill and vent pipes were observed on the west and east side of the former school building at 291 Reynolds Street indicating possible ASTs within the Site building. The former school building was not accessible at the time of the Site reconnaissance; therefore, the presence or absence of the ASTs cannot be confirmed.

#### **5.2.10 Water Wells**

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

Several groundwater monitoring wells were observed on the Site. These monitoring wells are likely associated with previous environmental investigations.

#### **5.2.11 Site Housekeeping**

The Site is currently unoccupied. In general, the Site structures and visible infrastructure appeared to be in fair to good condition. Landscaped areas appear to be maintained.

#### **5.2.12 Chemical Storage and Handling and Floor Condition**

Several drums of “Klenzoid” associated with the boiler and chiller were located in the basement of the hospital building. Other products used for cleaning and water treatment including lubricant and water softener pellets were observed in the boiler room. A number of drums of partial ethylene glycol removed from the diesel generator were located in the diesel generator room. Lubricants and oils were observed in the diesel generator room. The concrete floor appeared to be in fair condition at the time of the Site reconnaissance.

Multiple cleaning products associated with a hospital were located throughout the hospital building.

#### **5.2.13 Soil, Pavement or Stressed Vegetation**

Areas of stained soil, pavement or stressed vegetation were not observed at the time of the Site visit.

#### **5.2.14 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, such as locations of former USTs.

Evidence of fill material was not observed on Site during the time of the Phase I ESA Site reconnaissance, however, a review of previous environmental reports indicates approximately 2.3 m of fill is present on-Site. Fill placement would have occurred on Site for the construction of the Site buildings, parking lot and services.

A review of the historical records indicates the former school on-Site located at 291 Reynolds Avenue, consisted of multiple structures that have since been demolished. Fill material is likely present within the original footprints of the former structures.

The possible presence of fill material is associated with the following PCA: #30- Importation of fill material of unknown quality.

### 5.2.15 Air Emissions

Regulatory control of air emissions in Ontario is the responsibility of the MOE. According to the *Environmental Protection Act* (EPA), a Certificate of Approval (CofA) for air is required for the ongoing operation of any equipment that may discharge a contaminant into the natural environment if the equipment was installed, modified or altered after June 29th, 1988. Retroactive approval should be sought for equipment installed and unchanged between 1972 and June 29th, 1988 when the requirement for a CofA was added to the EPA. Unless explicitly exempted, most industrial processes or modifications to industrial processes and equipment require a CofA. The EPA provides a list of specific equipment and conditions, which are exempt from CofA (Air) requirements (i.e. fuel burning equipment for comfort heating in a building using natural gas or number 2 fuel oil at a rate of less than 1.5 million British Thermal Units per hour [BTU/hour]).

As the Site building was vacant at the time of the Site visit, no active air emissions were anticipated.

A smoke stack / chimney was observed at the time of the Site visit on the northwestern portion of the former hospital building. It is likely the smoke stack / chimney is associated with a former incinerator.

A review of the Ecolog ERIS report indicated the Site was formerly registered for three (3) Certificates of Approval for industrial air including an ETO sterilizer, a boiler and emergency generator and ETO catalytic disposer and area exhaust for ethylene oxide and difluorodichloromethane. These certificates of approval for industrial air were likely associated with the former hospital operations.

### 5.2.16 Polychlorinated Biphenyls (PCBs)

Due to the age of the original structures on the Site (1900s-1940s), there is a potential for PCBs to be present in the form of window caulking on the Site buildings.

Fluorescent lighting was observed throughout the Site buildings, due to the age of the original structures on the Site (1900s-1940s), there is a potential for PCBs to be present in the electrical equipment. However, as the Site was listed as a PCB Storage Site (refer to Section 3.2.1.5), which included PCBs-containing light ballasts, it is anticipated that the light fixtures in the on-Site buildings were retro-fitted with non-PCB containing fixtures. The school building could not be accessed at the time of the Site reconnaissance.

## 5.3 Enhanced Investigation Property Observations

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

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

## 5.4 Adjacent and Surrounding Properties

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

A review of the surrounding properties indicated primarily residential dwellings and medical offices.

Based on the visual reconnaissance of adjacent and surrounding properties within the Phase One ESA study area, no PCAs were identified.

## 5.5 Written Description of Investigation

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

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

## 6. Review and Evaluation of Information

### 6.1 Current and Past Uses

A review of the historical records indicated that 327 Reynolds Street, the hospital building, has occupied the Site since the late 1940s with additions constructed between 1950 and early 2000s. The multi-level parking garage located at 327 Reynolds Street was constructed in the late 1970s on the central portion of the Site. The former school building located at 291 Reynolds Street, has occupied the Site as Oakville Trafalgar High School since 1908 with additions constructed in the 1950s. Additions were demolished in the late 1990s and only the original building remains on-Site. The Helen Lawson building, located at 348 Allan Street, was constructed in the 1960s and the building footprint remains unchanged.

### 6.2 Potentially Contaminating Activities (PCAs)

A list of all the PCAs identified at the Site and within the Phase One ESA study area is included as Table III and shown on Figure 2.

### 6.3 Areas of Potential Environmental Concern (APECs)

Based on the inferred groundwater flow direction to the south / southeast, the properties within the Phase One Study Area north of the Site were considered to be hydraulically up-gradient of the Site; and, the properties to the east and west of the Site were considered to be hydraulically trans-gradient to the Site. Furthermore, any PCAs located significantly distant from the Site (i.e. greater than 100 m) were considered to be too distant to be contributing to an APEC on the Site.

The APECs identified at the Site are summarized in Table IV and on Figure 4; and, presented in Section 6.4.

## 7. Conclusions

### 7.1 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 before a RSC may be submitted to investigate the following APECs identified on the Phase One Property:

Area of Potential Environmental Concern (APEC) <sup>(1)</sup>	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA) <sup>(2)</sup>	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern <sup>(3)</sup>	Media Potentially Impacted (Groundwater, soil and/or sediment)
<b>APEC 1:</b> Presence of two (2) underground storage tanks on west side of building addressed as 327 Reynolds St.	Northwest corner of Site	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater
<b>APEC 2:</b> Two (2) former fuel oil USTs on west side of building addressed as 327 Reynolds St.	Northwest corner of Site	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater
<b>APEC 3:</b> Potential poor fill quality in area of former fuel oil USTs	Northwest corner of Site	30: Importation of Fill Material of Unknown Quality	On-Site	Metals	Soil
<b>APEC 4:</b> Presence of collection pit storage tank west of the building addressed as 327 Reynolds St	West side of Site	8: Chemical Manufacturing, Processing and Bulk Storage	On-Site	PHCs, BTEX, Metals	Soil and Groundwater
<b>APEC 5:</b> Former PCB storage site listing for 327 Reynolds St.	Northeast corner of Site	Not listed: PCB storage Site	On-Site	PCBs	Soil
<b>APEC 6:</b> Presence of underground storage tank / collection tank on east side of	Mid-portion of Site	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater

Area of Potential Environmental Concern (APEC) <sup>(1)</sup>	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA) <sup>(2)</sup>	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern <sup>(3)</sup>	Media Potentially Impacted (Groundwater, soil and/or sediment)
building addressed as 327 Reynolds St					
<b>APEC 7:</b> Presence of diesel AST in the mechanical room.	West portion of Site	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater
<b>APEC 8:</b> Registered waste generator of various waste streams including halogenated solvents	Northwest portion of Site	58: Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners	On-Site	PHCs, BTEX VOCs MET & ING	Soil and Groundwater
<b>APEC 9:</b> Potential presence of fuel tank at former high school (presence of fill pipe, east side-291 Reynolds St)	Southwest portion of Site (east side of building)	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater
<b>APEC 10:</b> Potential presence of fuel tank at former high school (presence of fill pipe, west side-291 Reynolds St)	Southwest portion of Site (west side of building)	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater
<b>APEC 11:</b> Registered waste generator of various waste streams including halogenated solvents (Oakville High School, 291 Reynolds St)	Southwest portion of Site	58: Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners	On-Site	PHCs, BTEX VOCs MET & ING	Soil and Groundwater

Area of Potential Environmental Concern (APEC) <sup>(1)</sup>	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA) <sup>(2)</sup>	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern <sup>(3)</sup>	Media Potentially Impacted (Groundwater, soil and/or sediment)
<b>APEC 12:</b> Potential presence of fill material in area of former building footprint (Oakville High School, 291 Reynolds St)	Southwest portion of Site	30: Importation of Fill Material of Unknown Quality	On-Site	MET PAHs	Soil
<b>APEC 13:</b> Former shop class area associated with former Oakville High School	Southwest corner of Site	Not listed: Former shop class area	On-Site	PHCs, BTEX	Soil
<b>APEC 14:</b> Application of de-icing salts on asphalt covered surfaces on Site	Entire Site (only asphalt covered surfaces)	Not listed: Application of de-icing salts	On-Site	EC, SAR (Soil) Na, Cl (Groundwater)	Soil and Groundwater
<b>APEC 15:</b> Potential presence of fill material	Entire Site (only asphalt covered surfaces)	30: Importation of Fill Material of Unknown Quality	On-Site	MET PAHs	Soil
<b>APEC 16:</b> Presence of brine UST on west side of former Hospital building	West portion of Site	8: Chemical Manufacturing, Processing and Bulk Storage	On-Site	EC, SAR (Soil) Na, Cl (Groundwater)	Soil and Groundwater
<b>APEC 17:</b> Presence of smoke stack / chimney on Site building	Landscaped areas of the Site	Not listed – presence of smoke stack / chimney	On-Site	PAHs Metals	Soil
<b>APEC 18:</b> Spill incident from off-Site UST (west of Site- 358 Reynolds)	Off-Site (west)	Not listed: Spill incident	Off-Site	PHCs, BTEX VOCs	Groundwater

(1) 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.

## **7.2 RSC Based on Phase One ESA Alone**

Based on the findings of the Phase One ESA and conclusions, a Phase Two ESA is required to assess the soil and groundwater conditions at the Site prior to submitting a RSC. As such, an RSC cannot be filed based on the Phase One ESA alone.



## Closure

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.



Jaclyn Hart, B.ES  
Environmental Technician  
Environmental Services



Stephanie Hsia, B.Sc.  
Environmental Scientist / Project Manager  
Environmental Services

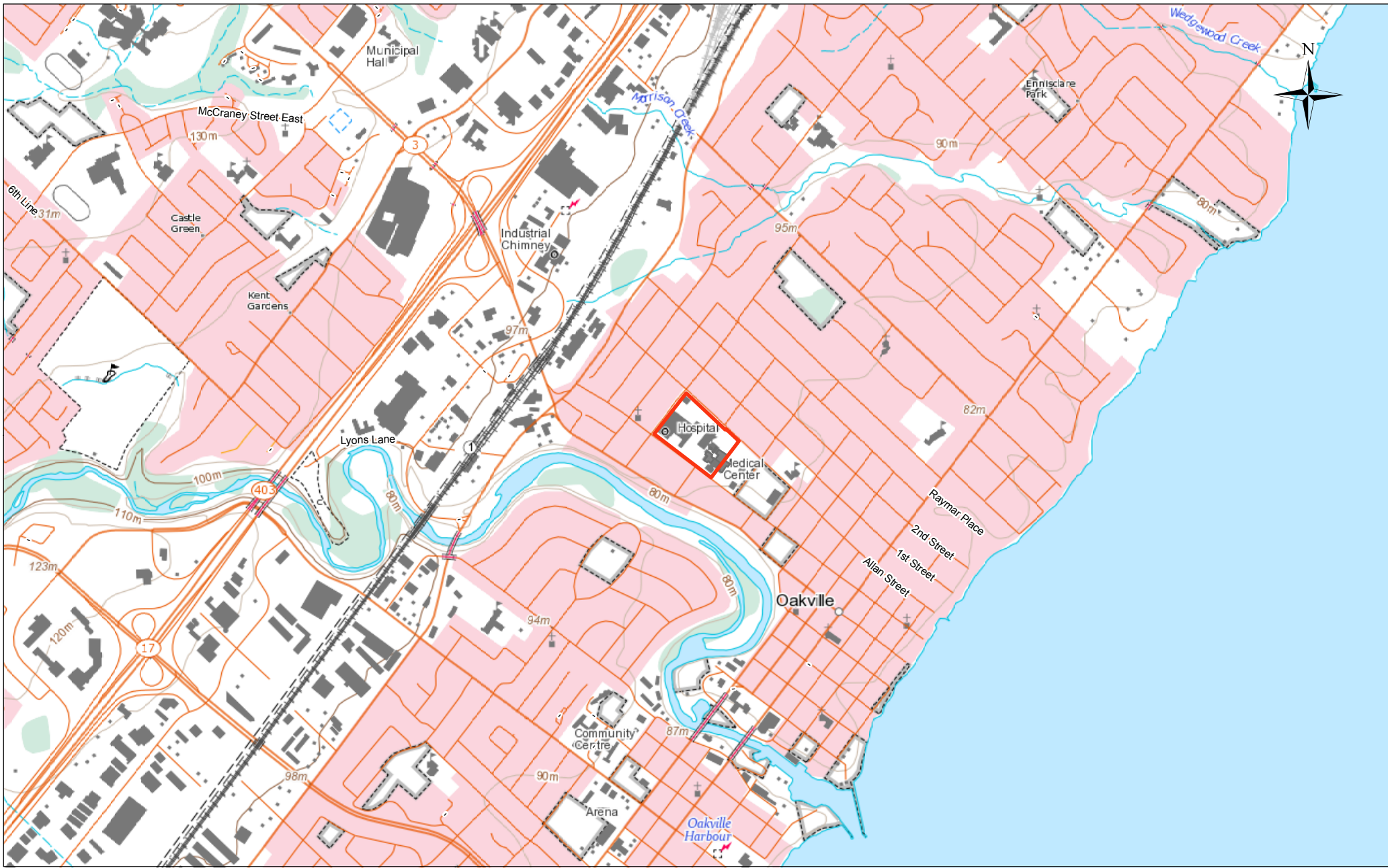



Jon Charles, P. Geo. (Limited) (QP<sub>ESA</sub>)  
Senior Environmental Scientist  
Environmental Services

## 8. References


1. Canadian Standards Association. November 2001. Z768-0 *Phase I Environmental Site Assessment*.
2. *Occupational Health and Safety Act* - Ministry of Labour (MOL)
3. Physiography of Southern Ontario; Ontario Geological Survey, Map P.2715. Scale 1:600,000. 1984.
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14. Ontario Ministry of Natural Resources, Natural Heritage website ([www.mnr.gov.on.ca/MNR/nhic/areas.cfm](http://www.mnr.gov.on.ca/MNR/nhic/areas.cfm))
15. Oil, Gas & Salt Resources Library website ([www.ogsrlibrary.com](http://www.ogsrlibrary.com))
16. Technical Standards and Safety Authority, *Environmental Management Protocol for Fuel Handling Sites in Ontario*, May 2007.
17. Peto MacCallum Ltd. *Phase One Environmental Site Assessment, Oakville Trafalgar Memorial Hospital Compound, 327 Reynolds Street, Oakville, Ontario*. January 18, 2013.
18. WSP. *Former Hospital Lands, 327 & 291 Reynolds Street and 348 Allan Street, Oakville, Ontario-Phase One Environmental Site Assessment*. March 30, 2015 (revised July 19, 2016).

## Figures



 Approximate Site Boundary



 **exp Services Inc.**  
 1595 CLARK BOULEVARD  
 BRAMPTON, ONTARIO  
 L6T 4V1  
 T - (905) 793-9800  
 F - (905) 793-0641

PROJECT TITLE:  
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
 FORMER OAKVILLE HOSPITAL LANDS  
 OAKVILLE, ONTARIO

DRAWING TITLE:  
 SITE LOCATION PLAN

PROJECT No.:	BRM-00235695-A0	DWN:	MS
SCALE:	AS NOTED	CHKD:	JC
DATE:	SEPTEMBER 2016	FIG. No.:	1



- PCA Identifier
- Approximate Site Boundary
- Phase One ESA Study Area
- Zoning**
- Residential
- Community
- Institutional
- Natural Area
- Park



**exp.** **exp Services Inc.**  
 1595 CLARK BOULEVARD  
 BRAMPTON, ONTARIO  
 L6T 4V1  
 T - (905) 793-9800  
 F - (905) 793-0641

PROJECT TITLE:  
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
 FORMER OAKVILLE HOSPITAL LANDS  
 OAKVILLE, ONTARIO

DRAWING TITLE:  
 PHASE ONE STUDY AREA,  
 SURROUNDING LAND USE  
 & POTENTIALLY CONTAMINATING  
 ACTIVITIES (PCAs)

PROJECT No.:	BRM-00235695-A0	DWN:	MS
SCALE:	AS NOTED	CHKD:	JC
DATE:	SEPTEMBER 2016	FIG. No.:	2



- Site Infrastructure
- Vent Pipes
- Former Building Footprint
- PCB Storage Area
- Approximate Tunnel Location
- UST/Former UST Area
- Approximate Site Boundary

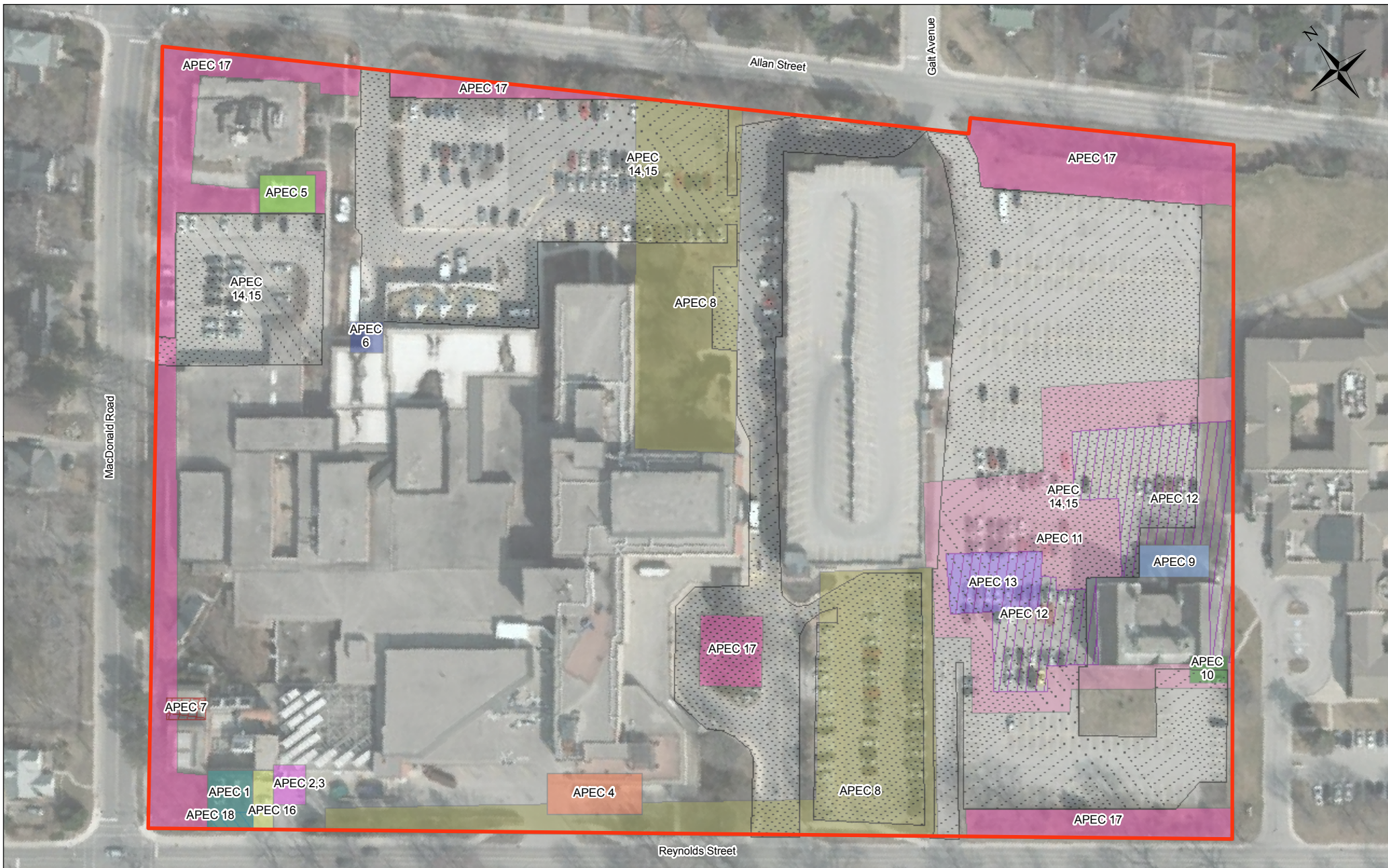



**exp Services Inc.**  
 1595 CLARK BOULEVARD  
 BRAMPTON, ONTARIO  
 L6T 4V1  
 T - (905) 793-9800  
 F - (905) 793-0641

PROJECT TITLE:  
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
 FORMER OAKVILLE HOSPITAL LANDS  
 OAKVILLE, ONTARIO

DRAWING TITLE:  
 SITE PLAN AND  
 SITE INFRASTRUCTURE

PROJECT No.:	BRM-00535695-A0	DWN:	EE
SCALE:	AS NOTED	CHKD:	NB
DATE:	SEPTEMBER 2016	FIG. No.:	3



- Approximate Site Boundary
- APEC 4
- APEC 7
- APEC 10
- APEC 12
- APEC 17
- APEC 1
- APEC 5
- APEC 8
- APEC 14,15
- APEC 13
- APEC 18
- APEC 2,3
- APEC 6
- APEC 9
- APEC 11
- APEC 16



**exp.** **exp Services Inc.**  
 1595 CLARK BOULEVARD  
 BRAMPTON, ONTARIO  
 L6T 4V1  
 T - (905) 793-9800  
 F - (905) 793-0641

PROJECT TITLE:  
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
 FORMER OAKVILLE HOSPITAL LANDS  
 OAKVILLE, ONTARIO

DRAWING TITLE:  
 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APECs)

PROJECT No.:	BRM-00535695-A0	DWN:	EE
SCALE:	AS NOTED	CHKD:	NB
DATE:	SEPTEMBER 2016	FIG. No.:	4

## **Appendix A: Limitation of Liability, Scope of Report, and Third Party Reliance**





## **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**

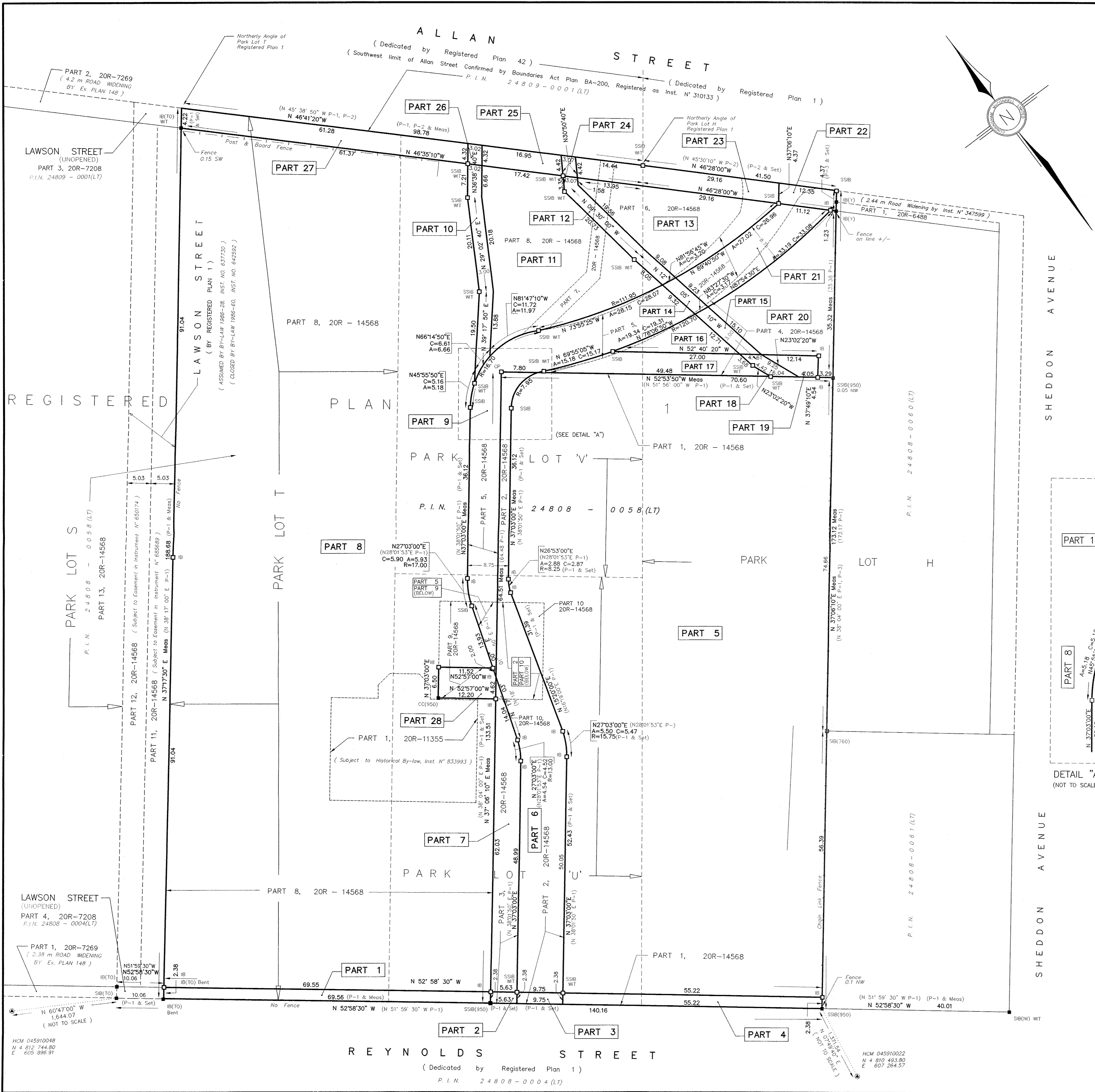
The information and opinions expressed in the Report, or any document forming part of the Report, are for the sole benefit of the Client. No other party may use or rely upon the Report in whole or in part without the written consent of exp. Any use of the Report, or any portion of the Report, by a third 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.

## Appendix B: Survey Plan





PARTS SCHEDULE				
PART	PART OF LOT	REGISTERED PLAN	P.I.N.	AREA (m <sup>2</sup> )
1	PARK LOT T, U			165.6
2	PARK LOT U			13.4
3	PARK LOT U			23.2
4	PARK LOT H, U			131.5
5	PARK LOT H, U, V			8,041.4
6	PARK LOT U, V			885.2
7	PARK LOT U			330.5
8	PARK LOT T, U, V			11,625.3
9	PARK LOT H, U, V			710.6
10	PARK LOT V			129.9
11	PARK LOT H, V			865.9
12	PARK LOT H, V			93.6
13	PARK LOT H			431.6
14	PARK LOT H			27.7
15	PARK LOT H, V			42.0
16	PARK LOT H, V			107.6
17	PARK LOT H, V			174.0
18	PARK LOT H			25.9
19	PARK LOT H			36.8
20	PARK LOT H			495.1
21	PARK LOT H, V			262.7
22	PARK LOT H, V			53.6
23	PARK LOT H, V			188.1
24	PARK LOT V			13.3
25	PARK LOT V			74.0
26	PARK LOT V			13.0
27	PARK LOT T, V			280.2
28	PARK LOT U			78.7

I REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE LAND TITLES ACT.

DATE: JULY 9, 2015

*Robert D. McConnell*  
ROBERT D. MCCONNELL  
ONTARIO LAND SURVEYOR

PLAN 20R-2014  
RECEIVED AND DEPOSITED

DATE: July 9, 2015  
A. Timmins  
REPRESENTATIVE FOR LAND REGISTRAR FOR THE LAND TITLES DIVISION OF HALTON (No. 20)

PLAN OF SURVEY OF  
PARK LOTS T, U, V,  
AND PART OF PARK LOT H,  
REGISTERED PLAN 1  
TOWN OF OAKVILLE  
REGIONAL MUNICIPALITY OF HALTON

SCALE 1: 400

8 0 8 16 24  
GRAPHIC SCALE - METRES

CUNNINGHAM MCCONNELL LIMITED - ONTARIO LAND SURVEYORS

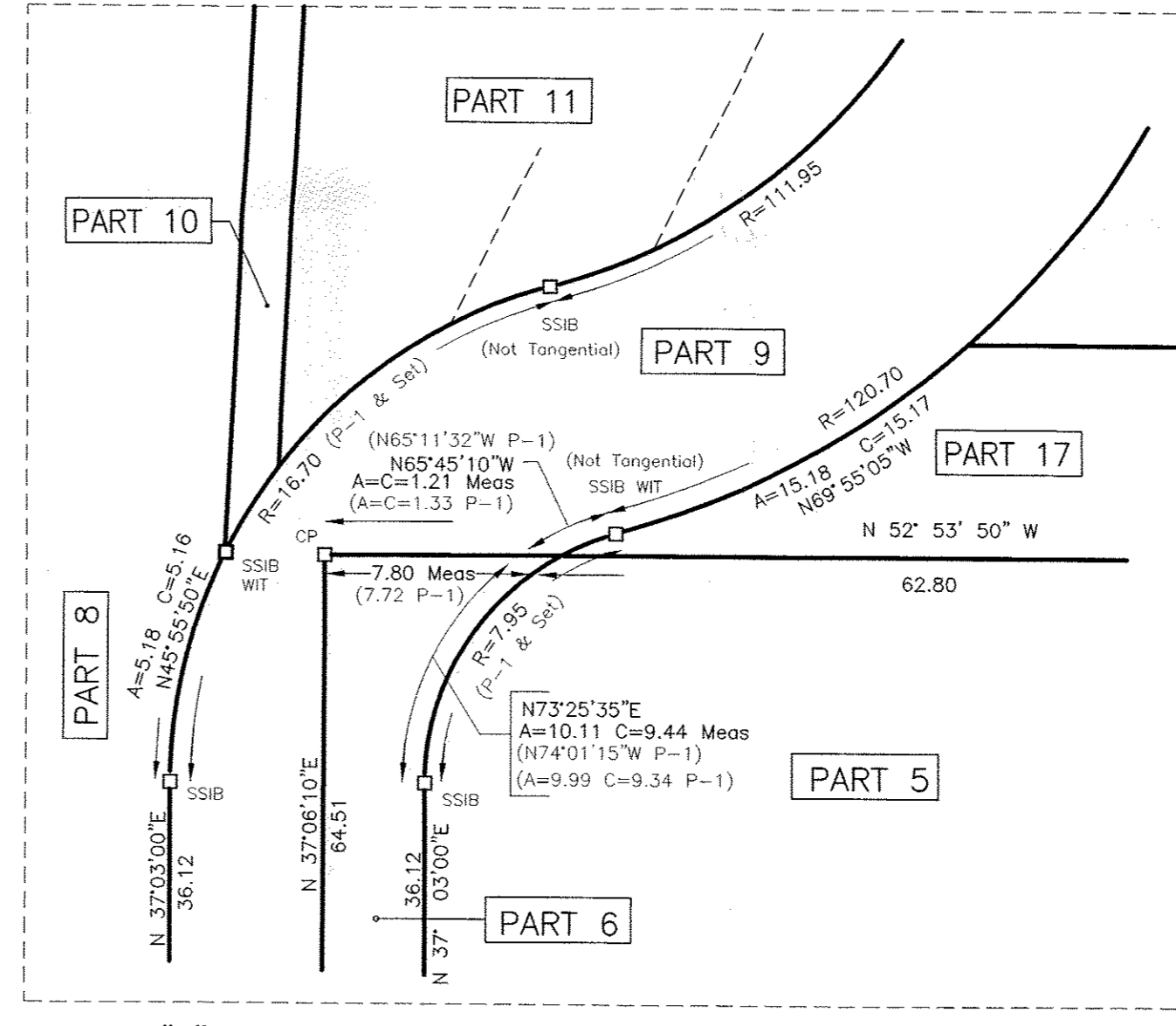
**METRIC NOTE**  
DISTANCES AND COORDINATES SHOWN HEREON ARE IN METRES AND CAN BE CONVERTED INTO FEET BY DIVIDING BY 0.3048.

**GRID SCALE CONVERSION:**  
DISTANCES SHOWN HEREON ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999731.

**BEARING NOTE:**  
ALL BEARINGS SHOWN HEREON ARE UTM GRID AND WERE DERIVED FROM SPECIFIED CONTROL POINTS 045910022, 045910048, AND 008830503 UTM ZONE 17, NAD83 (ORIGINAL).

POINT ID	NORTHING	EASTING
045910022	4 810 493.804	607 264.566
045910048	4 812 744.801	605 896.909
008830503	4 811 422.254	606 055.142

COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.



- LEGEND**
- DENOTES SURVEY MONUMENT FOUND
  - SSB DENOTES SURVEY MONUMENT SET
  - SSB DENOTES STANDARD IRON BAR
  - SSB DENOTES SHORT STANDARD IRON BAR
  - IB DENOTES IRON BAR
  - IP DENOTES IRON PIPE
  - CC DENOTES CUT CROSS
  - CP DENOTES CONCRETE PIN
  - P.I.N. DENOTES PROPERTY IDENTIFICATION NUMBER
  - (N) DENOTES NO IDENTIFICATION
  - (WT) DENOTES WITNESS MONUMENT
  - (Y) DENOTES YATES & YATES LIMITED
  - (950) DENOTES MCCONNELL MAUGHAN LIMITED
  - (760) DENOTES TOWN OF OAKVILLE SURVEY DEPARTMENT
  - (TO) DENOTES TOWN OF OAKVILLE SURVEY DEPARTMENT
  - P-1 DENOTES REGISTERED PLAN BA-200
  - P-2 DENOTES PLAN BY FRED G. CUNNINGHAM INC., DATED APRIL 5, 1994
  - P-3

**SURVEYOR'S CERTIFICATE**

I CERTIFY THAT:

- THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.
- THE SURVEY WAS COMPLETED ON THE 8th DAY OF JULY, 2015.

DATE: JULY 8, 2015

*Robert D. McConnell*  
ROBERT D. MCCONNELL  
ONTARIO LAND SURVEYOR

**CUNNINGHAM MCCONNELL LIMITED**  
ONTARIO LAND SURVEYORS

1200 SPEERS ROAD, UNIT 38  
OAKVILLE, ONTARIO L6L 2K4  
PHONE (905) 845-3497  
FAX (905) 845-3519

3015 MAIN STREET  
MILTON, ONTARIO L9T 1N7  
PHONE (905) 878-7810  
FAX (905) 878-8672

PARTY CHIEF: S.M.  
DRAWN BY: R.D.M.

O.L.S. FILE NO.  
CLIENT: TOWN OF OAKVILLE

HCM 045910048  
N 4 812 744.80  
E 605 896.91

HCM 045910022  
N 4 810 493.80  
E 607 264.57

## **Appendix C: Qualification of Assessors**



## QUALIFICATIONS OF ASSESSORS

The records review was completed by Ms. Jaclyn Hart and Ms. Stephanie Hsia and the Site visit was conducted by Ms. Lauren Eldridge.

The records review and Site visit for this assessment were conducted by Ms. Jaclyn Hart who has been trained to conduct Phase One ESAs in accordance with the CSA Standard and O.Reg 153/04. Ms. Hart has a Bachelor of Environmental Studies for Environment and Resource Studies from the University of Waterloo and a Post Graduate Diploma in Ecosystem Restoration from Niagara College. She has conducted numerous Phase I ESAs for commercial/light industrial/residential clients and is routinely engaged in this field.

The records review was conducted by Ms. Stephanie Hsia, who has been trained to conduct Phase One ESAs in accordance with O.Reg 153/04. Ms. Hsia has five (5) years of experience and is an Environmental Scientist with **exp.** Ms. Hsia graduated with a Bachelors of Environmental Life Science degree from Queen's University and obtained and a Post Graduate Certificate in Environmental Management and Assessment at Niagara College. She has conducted numerous Phase One ESAs for commercial, industrial and residential properties and is routinely engaged in the field. She also has experience with Phase I Environmental Site Assessments in other provinces such as Quebec, Manitoba and Alberta.

Mr. Jon Charles, P.Geo (Limited) is a Senior Environmental Scientist at **exp** with over twenty years environmental consulting experience in Canada. Mr. Charles has managed and conducted numerous Phase One and Phase Two Environmental Site Assessments as well as numerous other due diligence projects and is a "Qualified Person" registered with the Ontario Ministry of the Environment and Climate Change.

**Exp Associates Inc.** is a full service consulting and engineering firm and provides a full range of environmental services through the Environmental Services Group. **Exp's** Environmental Services Group has developed a strong working relationship with clients in both the private and public sectors and has developed a positive relationship with the Ontario Ministry of the Environment. Personnel in the numerous branch offices form part of a large network of full-time dedicated environmental professionals in the **exp** organization.

## **Appendix D: Chain of Title Search**

**CHAIN OF TITLE REPORT**

**Project #:** 21093  
**Address:** 327 Reynold Street, Oakville  
**Legal Description:** Pt Parklots H,U & V Plan 1  
desig. As Parts 2-7, 20R-20164

**Searched at:** Milton  
**LRO #:** 20

**Page 1**

**PIN #:** 24808-0074(LT)

<b>INSTR #</b>	<b>DOC. TYPE</b>	<b>REG. DATE</b>	<b>PARTY FROM</b>	<b>PARTY TO</b>
201B	Deed	09 03 1868	George Chisholm	John A. CHISHOLM
128GR	Will	06 02 1874	John A. Chisholm - estate	Sarah P. CHISHOLM
1203D	Deed	07 11 1878	Sarah P. Chisholm	Charles CHISHOLM
3191	Deed	06 03 1901	Sarah P. Chisholm	Charles CHISHOLM
4068	Deed	19 11 1908	Charles Chisholm	The Board of Education of The Town of Oakville
OC15348	Deed	16 03 1948	Charles Chisholm - estate	The Oakville-Trafalgar Medical Hospital Association
820354	Deed	08 04 1994	The Halton Board of Education	The Oakville-Trafalgar Medical Hospital Association
HR70286	Name Change	30 08 2001	The Oakville-Trafalgar Medical Hospital Association	Oakville-Trafalgar Memorial Hospital Association

Cont'd on page 2



CHAIN OF TITLE REPORT

Project #: 21093  
 Address: 327 Reynold Street, Oakville  
 Legal: Pt Parklots H,U & V Plan 1  
 Description: desig. As Parts 2-7, 20R-20164  
 PIN #: 24808-0074(LT)

Searched at: Milton  
 LRO #: 20

Page 2

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
HR70286	Name Change (Present Owner)	30 08 2001	Oakville-Trafalgar Memorial Hospital Association	Halton Healthcare Services Corporation
HR113825	Lease	24 04 2002	Halton Healthcare Services Corporation	BPC Long-Term Care Facilities (Oakville) Inc. (Lessee)
HR113869	Sub-Lease	25 04 2002	BPC Long-Term Care Facilities (Oakville) Inc.	Halton Healthcare LTC Inc.



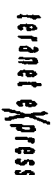
ServiceOntario

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND  
REGISTRY  
OFFICE #20

24808-0074 (LT)

PAGE 1 OF 2  
PREPARED FOR 21093  
ON 2016/09/19 AT 16:11:09



PROPERTY DESCRIPTION:

PART OF PARK LOTS H, U, V, PLAN 1 DESIGNATED AS PARTS 2, 3, 4, 5, 6, 7, 20R-20164; SUBJECT TO AN EASEMENT OVER PARTS 3 & 6, 20R-20164 IN FAVOUR OF PARTS 1, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 20R-20164 AND PARTS 11, 12, 13, 20R-14568 AS IN HR1287336; TOGETHER WITH AN EASEMENT OVER PARTS 9, 14, 21, 22, 20R-20164 AS IN HR1287336; TOGETHER WITH AN EASEMENT OVER PART 28, 20R-20164 AS IN HR1287336; TOGETHER WITH AN EASEMENT OVER PARTS 12, 14, 15, 18, 24, 20R-20164 AS IN HR1287336; TOGETHER WITH AN EASEMENT OVER 9, 10, 26, 20R-20164 AS IN HR1287336; TOGETHER WITH AN EASEMENT OVER PARTS 9, 17, 18, 19, 20R-20164 AS IN HR1287336; TOWN OF OAKVILLE

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

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE

LT CONVERSION QUALIFIED

RECENTLY:

DIVISION FROM 24808-0058

EIN CREATION DATE:

2015/08/26

OWNERS' NAMES

HALTON HEALTHCARE SERVICES CORPORATION

CAPACITY SHARE

ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHRD
** PRINTOUT		INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 2015/08/26 **				
**SUBJECT,		ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:				
**		SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES * AND ESCHATEL 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: 1996/02/26 **				
OC15348	1948/03/16	TRANSFER	\$1		THE OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL ASSOCIATION	C
650174	1986/09/18	TRANSFER			OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL ASSOCIATION	C
820354	1994/04/08	TRANSFER	\$2,250,000		THE OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL ASSOCIATION	C
HR70286	2001/08/30	APL CH NAME OWNER			HALTON HEALTHCARE SERVICES CORPORATION	C
HR70287	2001/08/30	APL CH NAME OWNER			HALTON HEALTHCARE SERVICES CORPORATION	C
HR113825	2002/04/24	NOTICE OF LEASE		\$2	HALTON HEALTHCARE SERVICES CORPORATION	C
HR113869	2002/04/25	NOTICE OF SUBLEASE		\$2	BPC LONG-TERM CARE FACILITIES (OAKVILLE) INC.	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.



# Ontario ServiceOntario

LAND  
REGISTRY  
OFFICE #20

24808-0074 (LT)

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

PAGE 2 OF 2

PREPARED FOR 21093

ON 2016/09/19 AT 16:11:09

teranet express

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHRD
HR317782	2004/09/02	NO CHARGE LEASE	\$13,252,490	BPC LONG-TERM CARE FACILITIES (OAKVILLE) INC.	DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY	C
REMARKS: HR113825						
HR317794	2004/09/02	NO ASSGN RENT GEN		BPC LONG-TERM CARE FACILITIES (OAKVILLE) INC.	DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY	C
REMARKS: HR317792 - REVVIS						
HR317798	2004/09/02	NO ASSG LESSOR INT		BPC LONG-TERM CARE FACILITIES (OAKVILLE) INC.	DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY	C
REMARKS: HR113869 & HR317782						
HR317804	2004/09/02	NOTICE	\$2	BPC LONG-TERM CARE FACILITIES (OAKVILLE) INC.	DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY	C
REMARKS: HR317792						
20R20164	2015/07/09	PLAN REFERENCE				C
HR301467	2015/09/22	NOTICE		HALTON HEALTHCARE SERVICES CORPORATION	THE CORPORATION OF THE TOWN OF OAKVILLE	C
HR301468	2015/09/22	NOTICE		HALTON HEALTHCARE SERVICES CORPORATION	BPC LONG-TERM CARE FACILITIES (OAKVILLE) INC.	C
HR1301469	2015/09/22	NOTICE		BPC LONG-TERM CARE FACILITIES (OAKVILLE) INC.	HALTON HEALTHCARE LTC INC.	C

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

## Appendix E: Ecolog ERIS Report



# DATABASE REPORT

**Project Property:** *quote*  
*327, 291 Reynolds St & 348 Allan St*  
*Oakville ON*

**Project No:**

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

**Order No:** *20160915106*

**Requested by:** *exp Services Inc.*

**Date Completed:** *September 16, 2016*

**Environmental Risk  
Information Services**  
A division of Glacier Media Inc.  
P: 1.866.517.5204  
E: [info@erisinfo.com](mailto:info@erisinfo.com)

**[www.erisinfo.com](http://www.erisinfo.com)**

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# Executive Summary

## **Property Information:**

**Project Property:** *quote*  
*327, 291 Reynolds St & 348 Allan St Oakville ON*

**Project No:**

## **Order Information:**

**Order No:** *20160915106*  
**Date Requested:** *September 15, 2016*  
**Requested by:** *exp Services Inc.*  
**Report Type:** *Quote - Custom-Build Your Own Report*

## **Additional Products:**

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.15km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	1	1	2
CA	<i>Certificates of Approval</i>	Y	3	1	4
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	1	1
CHEM	<i>Chemical Register</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	2	3
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	14	27	41
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	1	1
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	3	3
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



<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.15km</i>	<i>Total</i>
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBW	<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	3	0	3
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGW	<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	6	0	6
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
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	2	2
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	1	1
SPL	<i>Ontario Spills</i>	Y	0	2	2
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>TSSA 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	1	0	1
<b>Total:</b>			29	42	71

## Executive Summary: Site Report Summary - Project Property

<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>
<a href="#">1</a>	CA	OAKVILLE TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET HALTON HILLS TOWN ON	-/0.0	0.00	<a href="#">18</a>
<a href="#">1</a>	CA	OAKVILLE TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">18</a>
<a href="#">1</a>	CA	OAKVILLE TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE TOWN ON L6J 3L7	-/0.0	0.00	<a href="#">18</a>
<a href="#">1</a>	EHS		327 Reynolds St Oakville ON L6J 3L7	-/0.0	0.00	<a href="#">19</a>
<a href="#">1</a>	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON	-/0.0	0.00	<a href="#">19</a>
<a href="#">1</a>	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">20</a>
<a href="#">1</a>	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">20</a>
<a href="#">1</a>	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">21</a>
<a href="#">1</a>	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">22</a>
<a href="#">1</a>	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">23</a>
<a href="#">1</a>	GEN	OAKVILLE-TRAFALGAR MEMORIAL	HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">24</a>
<a href="#">1</a>	GEN	HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">24</a>
<a href="#">1</a>	GEN	OAKVILLE-TRAFALGAR MEMORIAL 29-094	HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">25</a>
<a href="#">1</a>	GEN	OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">26</a>
<a href="#">1</a>	NPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">26</a>
<a href="#">1</a>	NPCB	OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">27</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev diff (m)</b>	<b>Page Number</b>
<a href="#">1</a>	NPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">27</a>
<a href="#">1</a>	OPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">27</a>
<a href="#">1</a>	OPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">27</a>
<a href="#">1</a>	OPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">28</a>
<a href="#">1</a>	OPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">28</a>
<a href="#">1</a>	OPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">29</a>
<a href="#">1</a>	OPCB	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	-/0.0	0.00	<a href="#">29</a>
<a href="#">2</a>	BORE		ON	-/0.0	0.00	<a href="#">29</a>
<a href="#">3</a>	WWIS		OAKVILLE ON	-/0.0	1.00	<a href="#">30</a>
<a href="#">6</a>	GEN	OAKVILLE CYTOLOGY SERVICE	345 REYNOLDS STREET OAKVILLE ON L6J 3L9	-/0.0	1.00	<a href="#">30</a>
<a href="#">7</a>	GEN	HALTON BOARD (OUT OF BUSINESS) 19-172	OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	-/0.0	-2.18	<a href="#">31</a>
<a href="#">7</a>	GEN	HALTON BOARD OF EDUCATION	OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	-/0.0	-2.18	<a href="#">31</a>
<a href="#">7</a>	GEN	HALTON BOARD OF EDUCATION(OUT OF BUS.)	OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	-/0.0	-2.18	<a href="#">31</a>

## Executive Summary: Site Report Summary - Surrounding Properties

<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>
<a href="#">4</a>	HINC		344 REYNOLDS STREET OAKVILLE ON L6J 3L8	WSW/17.5	0.00	<a href="#">32</a>
<a href="#">5</a>	PINC		343 ALLAN STREET, OAKVILLE ON	NNE/19.2	1.00	<a href="#">32</a>
<a href="#">5</a>	SPL	Union Gas<UNOFFICIAL>	343 Allan Street Oakville ON	NNE/19.2	1.00	<a href="#">33</a>
<a href="#">8</a>	GEN	Dr. ROSS PRINCE	358 REYNOLDS STREET OAKVILLE ON	W/17.4	1.00	<a href="#">33</a>
<a href="#">8</a>	GEN	Dr. ROSS PRINCE	358 REYNOLDS STREET OAKVILLE ON	W/17.4	1.00	<a href="#">33</a>
<a href="#">8</a>	GEN	OAKVILLE CYTOLOGY SERVICE	358 REYNOLDS STREET OAKVILLE ON L6J 3L9	W/17.4	1.00	<a href="#">34</a>
<a href="#">8</a>	GEN	1801473 Ontario Corp.	358 Reynolds St. Suite 3 Oakville ON L6J 3L9	W/17.4	1.00	<a href="#">34</a>
<a href="#">8</a>	GEN	OAKVILLE CYTOLOGY SERVICE 29-125	358 REYNOLDS STREET OAKVILLE ON L6J 3L9	W/17.4	1.00	<a href="#">34</a>
<a href="#">8</a>	GEN	1801473 Ontario Corp.	358 Reynolds St. Suite 3 Oakville ON L6J 3L9	W/17.4	1.00	<a href="#">34</a>
<a href="#">8</a>	INC		ON	W/17.4	1.00	<a href="#">35</a>
<a href="#">8</a>	SPL	Oakville Medical Arts Pharmacy<UNOFFICIAL>	358 Reynolds Street Oakville ON	W/17.4	1.00	<a href="#">35</a>
<a href="#">9</a>	BORE		ON	SE/23.3	-0.22	<a href="#">36</a>
<a href="#">10</a>	EHS		358 Reynolds Street Oakville ON	W/22.6	1.00	<a href="#">36</a>
<a href="#">11</a>	CFOT	WILLIAM HERON	336 DOUGLAS AVE OAKVILLE ON L6J 3S6	NNE/89.2	2.00	<a href="#">36</a>
<a href="#">12</a>	INC		ON	NNE/89.4	2.00	<a href="#">37</a>
<a href="#">13</a>	INC		ON	ENE/124.9	1.00	<a href="#">37</a>
<a href="#">14</a>	SCT	A & T CUSTOM MIRRORS	384 REYNOLDS ST OAKVILLE ON L6J 3M2	W/75.3	2.57	<a href="#">38</a>
<a href="#">15</a>	GEN	MacLachlan College	337 Trafalgar Road Oakville ON	SW/140.6	-2.46	<a href="#">38</a>
<a href="#">15</a>	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	SW/140.6	-2.46	<a href="#">39</a>
<a href="#">15</a>	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	SW/140.6	-2.46	<a href="#">39</a>
<a href="#">15</a>	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	SW/140.6	-2.46	<a href="#">39</a>
<a href="#">15</a>	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	SW/140.6	-2.46	<a href="#">40</a>
<a href="#">15</a>	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	SW/140.6	-2.46	<a href="#">40</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">15</a>	GEN	MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	SW/140.6	-2.46	<a href="#">40</a>
<a href="#">16</a>	EHS		331 SHEDDON AVENUE OAKVILLE ON L6J 1X8	ESE/104.5	0.00	<a href="#">41</a>
<a href="#">16</a>	GEN	CMLHealthCare	331 Sheddon Ave Oakville ON L6J 1X8	ESE/104.5	0.00	<a href="#">41</a>
<a href="#">16</a>	GEN	LifeLabs LP	331 Sheddon Ave, Unit 101 Oakville ON	ESE/104.5	0.00	<a href="#">41</a>
<a href="#">16</a>	GEN	sheddon avenue medical associates	331 sheddon avenue suite 308 oakville ON	ESE/104.5	0.00	<a href="#">41</a>
<a href="#">16</a>	GEN	sheddon avenue medical associates	331 sheddon avenue suite 308 oakville ON L6J 1X8	ESE/104.5	0.00	<a href="#">42</a>
<a href="#">16</a>	GEN	sheddon avenue medical associates	331 sheddon avenue suite 308 oakville ON L6J 1X8	ESE/104.5	0.00	<a href="#">42</a>
<a href="#">16</a>	GEN	LifeLabs LP	331 Sheddon Ave, Unit 101 Oakville ON	ESE/104.5	0.00	<a href="#">42</a>
<a href="#">16</a>	GEN	MADILL PHARMACY LTD.	331 SHEDDON AVENUE #104 OAKVILLE ON L6J 1X8	ESE/104.5	0.00	<a href="#">42</a>
<a href="#">16</a>	GEN	LifeLabs LP	331 Sheddon Ave, Unit 101 Oakville ON	ESE/104.5	0.00	<a href="#">43</a>
<a href="#">16</a>	GEN	sheddon avenue medical associates	331 sheddon avenue suite 308 oakville ON L6J 1X8	ESE/104.5	0.00	<a href="#">43</a>
<a href="#">16</a>	GEN	sheddon avenue medical associates	331 sheddon avenue suite 308 oakville ON L6J 1X8	ESE/104.5	0.00	<a href="#">43</a>
<a href="#">16</a>	GEN	Hibbert Foot Clinic	331 Sheddon Ave. Ste. 103 Oakville ON	ESE/104.5	0.00	<a href="#">43</a>
<a href="#">16</a>	GEN	CMLHealthCare	331 Sheddon Ave Oakville ON L6J 1X8	ESE/104.5	0.00	<a href="#">43</a>
<a href="#">16</a>	GEN	CMLHealthCare	331 Sheddon Ave Oakville ON L6J 1X8	ESE/104.5	0.00	<a href="#">44</a>
<a href="#">16</a>	GEN	1458408 Ontario Inc.	331 Sheddon Ave Oakville ON L6J 1X8	ESE/104.5	0.00	<a href="#">44</a>
<a href="#">16</a>	RSC	1458408 Ontario Inc.	331 Sheddon Avnue Oakville ON	ESE/104.5	0.00	<a href="#">44</a>
<a href="#">17</a>	CA	OAKVILLE TOWN	SPRUCE ST.REYNOLDS ST. OAKVILLE TOWN ON	WNW/109.7	3.00	<a href="#">45</a>
<a href="#">18</a>	PINC		367 SPRUCE STREET, OAKVILLE ON	NNW/146.8	3.00	<a href="#">45</a>

# Executive Summary: Summary By Data Source

## **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2014 has found that there are 2 BORE site(s) within approximately 0.15 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	0.0	<a href="#"><u>2</u></a>
	ON	23.3	<a href="#"><u>9</u></a>

## **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 4 CA site(s) within approximately 0.15 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
OAKVILLE TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE TOWN ON L6J 3L7	0.0	<a href="#"><u>1</u></a>
OAKVILLE TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#"><u>1</u></a>
OAKVILLE TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET HALTON HILLS TOWN ON	0.0	<a href="#"><u>1</u></a>
OAKVILLE TOWN	SPRUCE ST.REYNOLDS ST. OAKVILLE TOWN ON	109.7	<a href="#"><u>17</u></a>

## **CFOT - Commercial Fuel Oil Tanks**

A search of the CFOT database, dated 1948-Dec 2015 has found that there are 1 CFOT site(s) within approximately 0.15 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
WILLIAM HERON	336 DOUGLAS AVE OAKVILLE ON L6J 3S6	89.2	<a href="#"><u>11</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Aug 2014 has found that there are 3 EHS site(s) within approximately 0.15 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	327 Reynolds St Oakville ON L6J 3L7	0.0	<a href="#"><u>1</u></a>
	358 Reynolds Street Oakville ON	22.6	<a href="#"><u>10</u></a>
	331 SHEDDON AVENUE OAKVILLE ON L6J 1X8	104.5	<a href="#"><u>16</u></a>

## **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-May 2015 has found that there are 41 GEN site(s) within approximately 0.15 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON	0.0	<a href="#"><u>1</u></a>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#"><u>1</u></a>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#"><u>1</u></a>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#"><u>1</u></a>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#"><u>1</u></a>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#"><u>1</u></a>
OAKVILLE-TRAFALGAR MEMORIAL	HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#"><u>1</u></a>
HALTON HEALTHCARE SERVICES	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#"><u>1</u></a>
OAKVILLE-TRAFALGAR MEMORIAL 29-094	HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#"><u>1</u></a>
OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#"><u>1</u></a>
OAKVILLE CYTOLOGY SERVICE	345 REYNOLDS STREET OAKVILLE ON L6J 3L9	0.0	<a href="#"><u>6</u></a>
HALTON BOARD (OUT OF BUSINESS) 19-172	OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	0.0	<a href="#"><u>7</u></a>
HALTON BOARD OF EDUCATION	OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	0.0	<a href="#"><u>7</u></a>
HALTON BOARD OF EDUCATION(OUT OF BUS.)	OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	0.0	<a href="#"><u>7</u></a>
Dr. ROSS PRINCE	358 REYNOLDS STREET OAKVILLE ON	17.4	<a href="#"><u>8</u></a>
Dr. ROSS PRINCE	358 REYNOLDS STREET OAKVILLE ON	17.4	<a href="#"><u>8</u></a>

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
1801473 Ontario Corp.	358 Reynolds St. Suite 3 Oakville ON L6J 3L9	17.4	<a href="#"><u>8</u></a>
OAKVILLE CYTOLOGY SERVICE 29-125	358 REYNOLDS STREET OAKVILLE ON L6J 3L9	17.4	<a href="#"><u>8</u></a>
1801473 Ontario Corp.	358 Reynolds St. Suite 3 Oakville ON L6J 3L9	17.4	<a href="#"><u>8</u></a>
OAKVILLE CYTOLOGY SERVICE	358 REYNOLDS STREET OAKVILLE ON L6J 3L9	17.4	<a href="#"><u>8</u></a>
MacLachlan College	337 Trafalgar Road Oakville ON	140.6	<a href="#"><u>15</u></a>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	140.6	<a href="#"><u>15</u></a>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	140.6	<a href="#"><u>15</u></a>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	140.6	<a href="#"><u>15</u></a>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	140.6	<a href="#"><u>15</u></a>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	140.6	<a href="#"><u>15</u></a>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	140.6	<a href="#"><u>15</u></a>
MacLachlan College	337 Trafalgar Road Oakville ON L6J 3H3	140.6	<a href="#"><u>15</u></a>
CMLHealthCare	331 Sheddon Ave Oakville ON L6J 1X8	104.5	<a href="#"><u>16</u></a>
LifeLabs LP	331 Sheddon Ave, Unit 101 Oakville ON	104.5	<a href="#"><u>16</u></a>
sheddon avenue medical associates	331 sheddon avenue suite 308 oakville ON	104.5	<a href="#"><u>16</u></a>
sheddon avenue medical associates	331 sheddon avenue suite 308 oakville ON L6J 1X8	104.5	<a href="#"><u>16</u></a>
sheddon avenue medical associates	331 sheddon avenue suite 308 oakville ON L6J 1X8	104.5	<a href="#"><u>16</u></a>
LifeLabs LP	331 Sheddon Ave, Unit 101 Oakville ON	104.5	<a href="#"><u>16</u></a>
MADILL PHARMACY LTD.	331 SHEDDON AVENUE #104 OAKVILLE ON L6J 1X8	104.5	<a href="#"><u>16</u></a>
LifeLabs LP	331 Sheddon Ave, Unit 101 Oakville ON	104.5	<a href="#"><u>16</u></a>
sheddon avenue medical associates	331 sheddon avenue suite 308 oakville ON L6J 1X8	104.5	<a href="#"><u>16</u></a>
sheddon avenue medical associates	331 sheddon avenue suite 308 oakville ON L6J 1X8	104.5	<a href="#"><u>16</u></a>
Hibbert Foot Clinic	331 Sheddon Ave. Ste. 103 Oakville ON	104.5	<a href="#"><u>16</u></a>
CMLHealthCare	331 Sheddon Ave Oakville ON L6J 1X8	104.5	<a href="#"><u>16</u></a>



<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CMLHealthCare	331 Sheddon Ave Oakville ON L6J 1X8	104.5	<a href="#">16</a>
1458408 Ontario Inc.	331 Sheddon Ave Oakville ON L6J 1X8	104.5	<a href="#">16</a>

### **HINC - TSSA Historic Incidents**

A search of the HINC database, dated 2006-June 2009\* has found that there are 1 HINC site(s) within approximately 0.15 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	344 REYNOLDS STREET OAKVILLE ON L6J 3L8	17.5	<a href="#">4</a>

### **INC - TSSA Incidents**

A search of the INC database, dated June 2009 - Nov 2015 has found that there are 3 INC site(s) within approximately 0.15 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	17.4	<a href="#">8</a>
	ON	89.4	<a href="#">12</a>
	ON	124.9	<a href="#">13</a>

### **NPCB - National PCB Inventory**

A search of the NPCB database, dated 1988-2008\* has found that there are 3 NPCB site(s) within approximately 0.15 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#">1</a>
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#">1</a>
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#">1</a>

### **OPCB - Inventory of PCB Storage Sites**

A search of the OPCB database, dated 1987-Oct 2004; 2012-Dec 2013 has found that there are 6 OPCB site(s) within approximately 0.15 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#">1</a>
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#">1</a>
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#">1</a>
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#">1</a>
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#">1</a>
OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL	327 REYNOLDS STREET OAKVILLE ON L6J 3L7	0.0	<a href="#">1</a>

### **PINC - TSSA Pipeline Incidents**

A search of the PINC database, dated Nov 30, 2015 has found that there are 2 PINC site(s) within approximately 0.15 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	343 ALLAN STREET, OAKVILLE ON	19.2	<a href="#">5</a>
	367 SPRUCE STREET, OAKVILLE ON	146.8	<a href="#">18</a>

### **RSC - Record of Site Condition**

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Jan 2016 has found that there are 1 RSC site(s) within approximately 0.15 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
1458408 Ontario Inc.	331 Sheddon Avnue Oakville ON	104.5	<a href="#">16</a>

### **SCT - Scott's Manufacturing Directory**

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 1 SCT site(s) within approximately 0.15 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
A & T CUSTOM MIRRORS	384 REYNOLDS ST OAKVILLE ON L6J 3M2	75.3	<a href="#">14</a>

### **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Jun 2015 has found that there are 2 SPL site(s) within approximately 0.15 kilometers of the

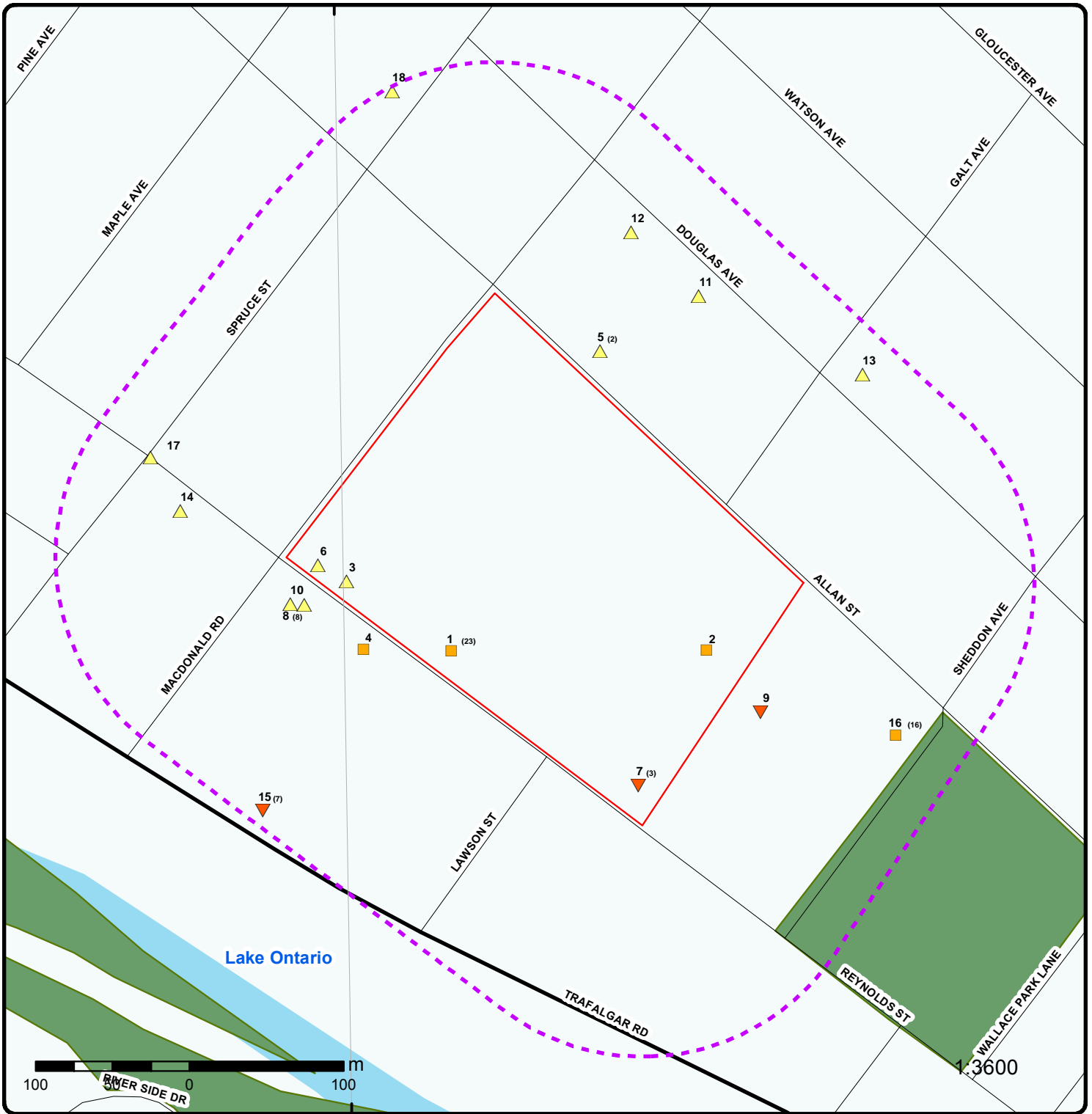
project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Union Gas<UNOFFICIAL>	343 Allan Street Oakville ON	19.2	<a href="#"><u>5</u></a>
Oakville Medical Arts Pharmacy<UNOFFICIAL>	358 Reynolds Street Oakville ON	17.4	<a href="#"><u>8</u></a>

### **WWIS - Water Well Information System**

A search of the WWIS database, dated 1955-Mar 2014 has found that there are 1 WWIS site(s) within approximately 0.15 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	OAKVILLE ON	0.0	<a href="#"><u>3</u></a>



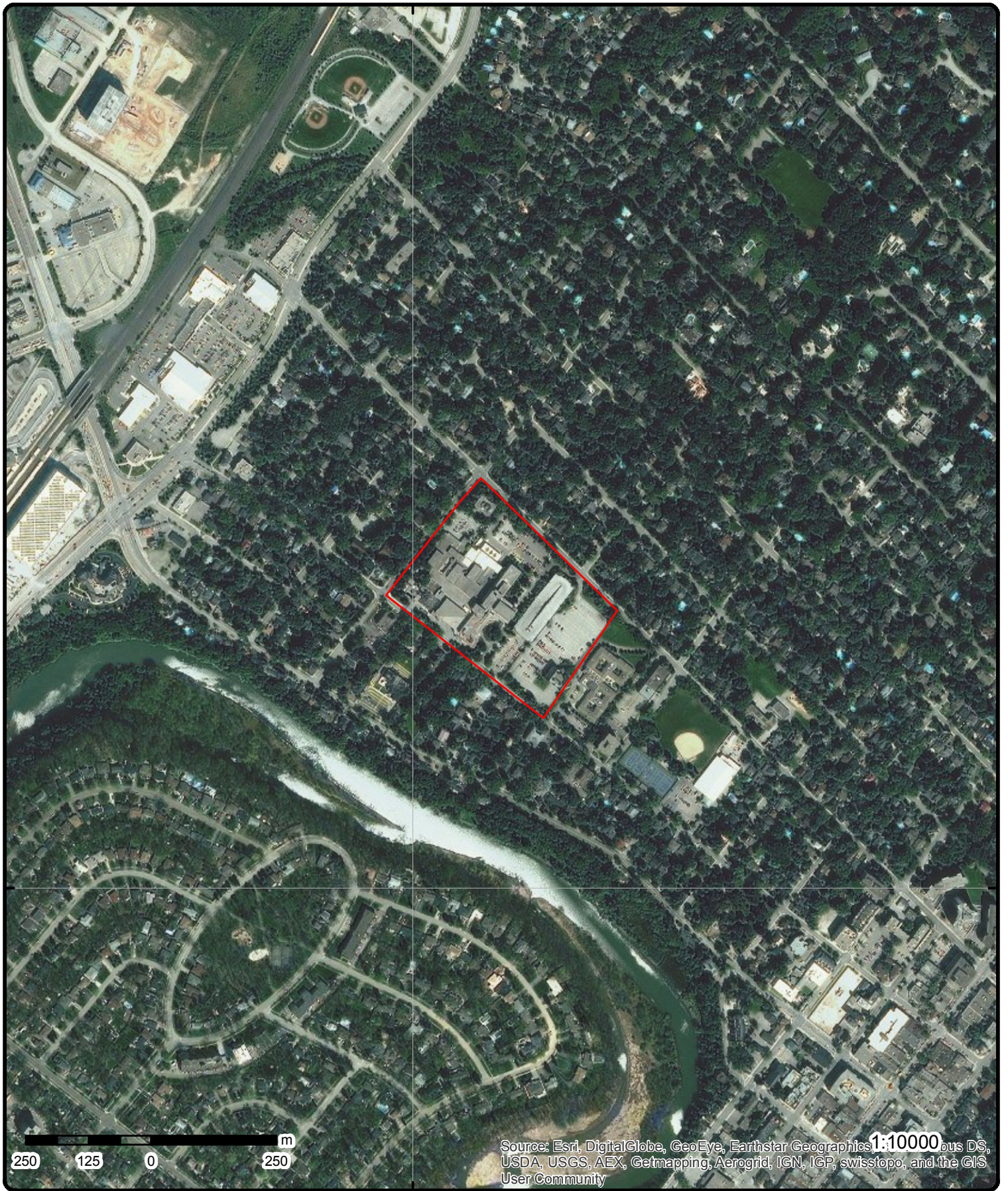
### Map

Address: 327, 291 Reynolds St & 348 Allan St, Oakville, ON  
 Order No: 20160915106



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

79°40'30"W



# Aerial

Address: 327, 291 Reynolds St & 348 Allan St, Oakville, ON

Source: ESRI World Imagery

Order No: 20160915106



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## Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">1</a>	1 of 23	-/0.0	94.0	OAKVILLE TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET HALTON HILLS TOWN ON	CA
<p> <b>Certificate #:</b> 8-3119-96-  <b>Application Year:</b> 96  <b>Issue Date:</b> 5/14/1996  <b>Approval Type:</b> Industrial air  <b>Status:</b> Approved  <b>Application Type:</b>  <b>Client Name:</b>  <b>Client Address:</b>  <b>Client City:</b>  <b>Client Postal Code:</b>  <b>Project Description:</b> ETO STERILIZER  <b>Contaminants:</b>  <b>Emission Control:</b> </p>					
<a href="#">1</a>	2 of 23	-/0.0	94.0	OAKVILLE TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	CA
<p> <b>Certificate #:</b> 8-3278-98-  <b>Application Year:</b> 98  <b>Issue Date:</b> //  <b>Approval Type:</b> Industrial air  <b>Status:</b> In progress  <b>Application Type:</b>  <b>Client Name:</b>  <b>Client Address:</b>  <b>Client City:</b>  <b>Client Postal Code:</b>  <b>Project Description:</b> EXISTING BOILER AND EMERGENCY GENERATOR  <b>Contaminants:</b>  <b>Emission Control:</b> </p>					
<a href="#">1</a>	3 of 23	-/0.0	94.0	OAKVILLE TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE TOWN ON L6J 3L7	CA
<p> <b>Certificate #:</b> 8-3509-93-  <b>Application Year:</b> 93  <b>Issue Date:</b> 11/1/1993  <b>Approval Type:</b> Industrial air  <b>Status:</b> Approved  <b>Application Type:</b>  <b>Client Name:</b>  <b>Client Address:</b>  <b>Client City:</b>  <b>Client Postal Code:</b>  <b>Project Description:</b> ETO CATALYTIC DISPOSER &amp; AREA EXHAUST  <b>Contaminants:</b> Ethylene Oxide, Difluorodichloromethane (Freon 12)  <b>Emission Control:</b> </p>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">1</a>	4 of 23	-/0.0	94.0	327 Reynolds St Oakville ON L6J 3L7	EHS
<b>Addit. Info Ordered:</b>					
<b>Order No.:</b>		20121217031			
<b>Report Date:</b>		31-DEC-12			
<b>Report Type:</b>		Custom Report			
<b>Search Radius (km):</b>		.25			

<a href="#">1</a>	5 of 23	-/0.0	94.0	HALTON HEALTHCARE SERVICES 327 REYNOLDS STREET OAKVILLE ON	GEN
<b>Generator #:</b>		ON0133900			
<b>Approval Yrs:</b>		2013			
<b>SIC Code:</b>		621990			
<b>SIC Description:</b>		ALL OTHER AMBULATORY HEALTH CARE SERVICES			
<b>--- Details ---</b>					
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
+					
<b>Waste Code:</b>		252			
<b>Waste Description:</b>		WASTE OILS & LUBRICANTS			
+					
<b>Waste Code:</b>		211			
<b>Waste Description:</b>		AROMATIC SOLVENTS			
+					
<b>Waste Code:</b>		112			
<b>Waste Description:</b>		ACID WASTE - HEAVY METALS			
+					
<b>Waste Code:</b>		221			
<b>Waste Description:</b>		LIGHT FUELS			
+					
<b>Waste Code:</b>		122			
<b>Waste Description:</b>		ALKALINE WASTES - OTHER METALS			
+					
<b>Waste Code:</b>		261			
<b>Waste Description:</b>		PHARMACEUTICALS			
+					
<b>Waste Code:</b>		145			
<b>Waste Description:</b>		PAINT/PIGMENT/COATING RESIDUES			
+					
<b>Waste Code:</b>		312			
<b>Waste Description:</b>		PATHOLOGICAL WASTES			
+					
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
+					
<b>Waste Code:</b>		146			
<b>Waste Description:</b>		OTHER SPECIFIED INORGANICS			
+					
<b>Waste Code:</b>		331			
<b>Waste Description:</b>		WASTE COMPRESSED GASES			
+					
<b>Waste Code:</b>		241			
<b>Waste Description:</b>		HALOGENATED SOLVENTS			
+					
<b>Waste Code:</b>		121			
<b>Waste Description:</b>		ALKALINE WASTES - HEAVY METALS			
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Waste Code:</b>		251			
<b>Waste Description:</b>		OIL SKIMMINGS & SLUDGES			
+					
<b>Waste Code:</b>		212			
<b>Waste Description:</b>		ALIPHATIC SOLVENTS			

<u>1</u>	6 of 23	-0.0	94.0	<b>HALTON HEALTHCARE SERVICES 327 REYNOLDS STREET OAKVILLE ON L6J 3L7</b>	<b>GEN</b>
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**Generator #:** ON0133900  
**Approval Yrs:** 2012  
**SIC Code:** 621990  
**SIC Description:** All Other Ambulatory Health Care Services

--- Details ---

**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES  
 +  
**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES  
 +  
**Waste Code:** 212  
**Waste Description:** ALIPHATIC SOLVENTS  
 +  
**Waste Code:** 263  
**Waste Description:** ORGANIC LABORATORY CHEMICALS  
 +  
**Waste Code:** 112  
**Waste Description:** ACID WASTE - HEAVY METALS  
 +  
**Waste Code:** 241  
**Waste Description:** HALOGENATED SOLVENTS  
 +  
**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS  
 +  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS  
 +  
**Waste Code:** 122  
**Waste Description:** ALKALINE WASTES - OTHER METALS  
 +  
**Waste Code:** 148  
**Waste Description:** INORGANIC LABORATORY CHEMICALS  
 +  
**Waste Code:** 261  
**Waste Description:** PHARMACEUTICALS  
 +  
**Waste Code:** 331  
**Waste Description:** WASTE COMPRESSED GASES  
 +  
**Waste Code:** 312  
**Waste Description:** PATHOLOGICAL WASTES  
 +  
**Waste Code:** 211  
**Waste Description:** AROMATIC SOLVENTS

<u>1</u>	7 of 23	-0.0	94.0	<b>HALTON HEALTHCARE SERVICES 327 REYNOLDS STREET OAKVILLE ON L6J 3L7</b>	<b>GEN</b>
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**Generator #:** ON0133900  
**Approval Yrs:** 2011



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>SIC Code:</b>		621990			
<b>SIC Description:</b>		All Other Ambulatory Health Care Services			
<b>--- Details ---</b>					
<b>Waste Code:</b>		261			
<b>Waste Description:</b>		PHARMACEUTICALS			
+					
<b>Waste Code:</b>		331			
<b>Waste Description:</b>		WASTE COMPRESSED GASES			
+					
<b>Waste Code:</b>		112			
<b>Waste Description:</b>		ACID WASTE - HEAVY METALS			
+					
<b>Waste Code:</b>		146			
<b>Waste Description:</b>		OTHER SPECIFIED INORGANICS			
+					
<b>Waste Code:</b>		211			
<b>Waste Description:</b>		AROMATIC SOLVENTS			
+					
<b>Waste Code:</b>		241			
<b>Waste Description:</b>		HALOGENATED SOLVENTS			
+					
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
+					
<b>Waste Code:</b>		312			
<b>Waste Description:</b>		PATHOLOGICAL WASTES			
+					
<b>Waste Code:</b>		251			
<b>Waste Description:</b>		OIL SKIMMINGS & SLUDGES			
+					
<b>Waste Code:</b>		252			
<b>Waste Description:</b>		WASTE OILS & LUBRICANTS			
+					
<b>Waste Code:</b>		122			
<b>Waste Description:</b>		ALKALINE WASTES - OTHER METALS			
+					
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
+					
<b>Waste Code:</b>		145			
<b>Waste Description:</b>		PAINT/PIGMENT/COATING RESIDUES			
+					
<b>Waste Code:</b>		212			
<b>Waste Description:</b>		ALIPHATIC SOLVENTS			

[1](#)

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-/0.0

94.0

**HALTON HEALTHCARE SERVICES  
327 REYNOLDS STREET  
OAKVILLE ON L6J 3L7**

**GEN**

**Generator #:** ON0133900  
**Approval Yrs:** 2009  
**SIC Code:** 621990  
**SIC Description:** All Other Ambulatory Health Care Services

**--- Details ---**  
**Waste Code:** 112  
**Waste Description:** ACID WASTE - HEAVY METALS  
 +  
**Waste Code:** 122  
**Waste Description:** ALKALINE WASTES - OTHER METALS  
 +  
**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES  
 +

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<i>Waste Code:</i>			146		
<i>Waste Description:</i>			OTHER SPECIFIED INORGANICS		
+					
<i>Waste Code:</i>			148		
<i>Waste Description:</i>			INORGANIC LABORATORY CHEMICALS		
+					
<i>Waste Code:</i>			211		
<i>Waste Description:</i>			AROMATIC SOLVENTS		
+					
<i>Waste Code:</i>			212		
<i>Waste Description:</i>			ALIPHATIC SOLVENTS		
+					
<i>Waste Code:</i>			241		
<i>Waste Description:</i>			HALOGENATED SOLVENTS		
+					
<i>Waste Code:</i>			251		
<i>Waste Description:</i>			OIL SKIMMINGS & SLUDGES		
+					
<i>Waste Code:</i>			252		
<i>Waste Description:</i>			WASTE OILS & LUBRICANTS		
+					
<i>Waste Code:</i>			261		
<i>Waste Description:</i>			PHARMACEUTICALS		
+					
<i>Waste Code:</i>			263		
<i>Waste Description:</i>			ORGANIC LABORATORY CHEMICALS		
+					
<i>Waste Code:</i>			312		
<i>Waste Description:</i>			PATHOLOGICAL WASTES		
+					
<i>Waste Code:</i>			331		
<i>Waste Description:</i>			WASTE COMPRESSED GASES		

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<u>1</u>	9 of 23	-0.0	94.0	<b>HALTON HEALTHCARE SERVICES 327 REYNOLDS STREET OAKVILLE ON L6J 3L7</b>	<b>GEN</b>
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**Generator #:** ON0133900  
**Approval Yrs:** 02,03,04,05,06,07,08  
**SIC Code:**  
**SIC Description:**

--- Details ---

<i>Waste Code:</i>	331
<i>Waste Description:</i>	WASTE COMPRESSED GASES
+	
<i>Waste Code:</i>	331
<i>Waste Description:</i>	WASTE COMPRESSED GASES
+	
<i>Waste Code:</i>	122
<i>Waste Description:</i>	ALKALINE WASTES - OTHER METALS
+	
<i>Waste Code:</i>	122
<i>Waste Description:</i>	ALKALINE WASTES - OTHER METALS
+	
<i>Waste Code:</i>	122
<i>Waste Description:</i>	ALKALINE WASTES - OTHER METALS
+	
<i>Waste Code:</i>	122
<i>Waste Description:</i>	ALKALINE WASTES - OTHER METALS
+	
<i>Waste Code:</i>	145
<i>Waste Description:</i>	PAINT/PIGMENT/COATING RESIDUES
+	
<i>Waste Code:</i>	146

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Description:</i>		OTHER SPECIFIED INORGANICS			
+					
<i>Waste Code:</i>		221			
<i>Waste Description:</i>		LIGHT FUELS			
+					
<i>Waste Code:</i>		241			
<i>Waste Description:</i>		HALOGENATED SOLVENTS			
+					
<i>Waste Code:</i>		243			
<i>Waste Description:</i>		PCB'S			
+					
<i>Waste Code:</i>		252			
<i>Waste Description:</i>		WASTE OILS & LUBRICANTS			
+					
<i>Waste Code:</i>		321			
<i>Waste Description:</i>		EXPLOSIVE MANUFACTURING WASTES			
+					
<i>Waste Code:</i>		112			
<i>Waste Description:</i>		ACID WASTE - HEAVY METALS			
+					
<i>Waste Code:</i>		212			
<i>Waste Description:</i>		ALIPHATIC SOLVENTS			
+					
<i>Waste Code:</i>		251			
<i>Waste Description:</i>		OIL SKIMMINGS & SLUDGES			
+					
<i>Waste Code:</i>		148			
<i>Waste Description:</i>		INORGANIC LABORATORY CHEMICALS			
+					
<i>Waste Code:</i>		211			
<i>Waste Description:</i>		AROMATIC SOLVENTS			
+					
<i>Waste Code:</i>		261			
<i>Waste Description:</i>		PHARMACEUTICALS			
+					
<i>Waste Code:</i>		263			
<i>Waste Description:</i>		ORGANIC LABORATORY CHEMICALS			
+					
<i>Waste Code:</i>		312			
<i>Waste Description:</i>		PATHOLOGICAL WASTES			

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-/0.0

94.0

**HALTON HEALTHCARE SERVICES  
327 REYNOLDS STREET  
OAKVILLE ON L6J 3L7**

**GEN**

**Generator #:** ON0133900  
**Approval Yrs:** 2010  
**SIC Code:** 621990  
**SIC Description:** All Other Ambulatory Health Care Services

--- Details ---

**Waste Code:** 145  
**Waste Description:** PAINT/PIGMENT/COATING RESIDUES  
+  
**Waste Code:** 241  
**Waste Description:** HALOGENATED SOLVENTS  
+  
**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS  
+  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS  
+  
**Waste Code:** 312  
**Waste Description:** PATHOLOGICAL WASTES



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Description:</b>		Pathological wastes			
<b>+</b>					
<b>Waste Code:</b>		251			
<b>Waste Description:</b>		Waste oils/sludges (petroleum based)			
<b>+</b>					
<b>Waste Code:</b>		122			
<b>Waste Description:</b>		Alkaline slutions - containing other metals and non-metals (not cyanide)			
<b>+</b>					
<b>Waste Code:</b>		331			
<b>Waste Description:</b>		Waste compressed gases including cylinders			
<b>+</b>					
<b>Waste Code:</b>		121			
<b>Waste Description:</b>		Alkaline slutions - containing heavy metals			
<b>+</b>					
<b>Waste Code:</b>		112			
<b>Waste Description:</b>		Acid solutions - containing heavy metals			
<b>+</b>					
<b>Waste Code:</b>		252			
<b>Waste Description:</b>		Waste crankcase oils and lubricants			
<b>+</b>					
<b>Waste Code:</b>		211			
<b>Waste Description:</b>		Aromatic solvents and residues			
<b>+</b>					
<b>Waste Code:</b>		261			
<b>Waste Description:</b>		Pharmaceuticals			
<b>+</b>					
<b>Waste Code:</b>		221			
<b>Waste Description:</b>		Light fuels			
<b>+</b>					
<b>Waste Code:</b>		146			
<b>Waste Description:</b>		Other specified inorganic sludges, slurries or solids			
<b>+</b>					
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		Misc. waste organic chemicals			
<b>+</b>					
<b>Waste Code:</b>		145			
<b>Waste Description:</b>		Wastes from the use of pigments, coatings and paints			
<b>+</b>					
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		Misc. wastes and inorganic chemicals			
<b>+</b>					
<b>Waste Code:</b>		212			
<b>Waste Description:</b>		Aliphatic solvents and residues			

<u>1</u>	13 of 23	-/0.0	94.0	<b>OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7</b>	29-094	GEN
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**Generator #:** ON0133900  
**Approval Yrs:** 94  
**SIC Code:** 8611  
**SIC Description:** GENERAL HOSPITALS

**--- Details ---**  
**Waste Code:** 148  
**Waste Description:** INORGANIC LABORATORY CHEMICALS  
**+**  
**Waste Code:** 211  
**Waste Description:** AROMATIC SOLVENTS  
**+**  
**Waste Code:** 243  
**Waste Description:** PCB'S  
**+**  
**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>1</u>	14 of 23	-/0.0	94.0	OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	GEN
<b>Generator #:</b>		ON0133900			
<b>Approval Yrs:</b>		92,93,95,96,97,98,99,00,01			
<b>SIC Code:</b>		8611			
<b>SIC Description:</b>		GENERAL HOSPITALS			
<b>--- Details ---</b>					
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
<b>+</b>					
<b>Waste Code:</b>		211			
<b>Waste Description:</b>		AROMATIC SOLVENTS			
<b>+</b>					
<b>Waste Code:</b>		241			
<b>Waste Description:</b>		HALOGENATED SOLVENTS			
<b>+</b>					
<b>Waste Code:</b>		243			
<b>Waste Description:</b>		PCB'S			
<b>+</b>					
<b>Waste Code:</b>		252			
<b>Waste Description:</b>		WASTE OILS & LUBRICANTS			
<b>+</b>					
<b>Waste Code:</b>		261			
<b>Waste Description:</b>		PHARMACEUTICALS			
<b>+</b>					
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
<b>+</b>					
<b>Waste Code:</b>		312			
<b>Waste Description:</b>		PATHOLOGICAL WASTES			
<u>1</u>	15 of 23	-/0.0	94.0	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET REYNOLDS STREET OAKVILLE ON L6J 3L7	NPCB
<b>Company Code:</b>		F0994			
<b>Industry:</b>					
<b>Site Status:</b>					
<b>Transaction Date:</b>					
<b>Inspection Date:</b>					
<b>--- Details ---</b>					
<b>Label:</b>					
<b>Serial No.:</b>					
<b>PCB Type/Code:</b>					
<b>Location:</b>					
<b>Item/State:</b>					
<b>No. of Items:</b>					
<b>Manufacturer:</b>					
<b>Status:</b>		In-Storage			
<b>Contents:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">1</a>	16 of 23	-/0.0	94.0	OAKVILLE-TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	NPCB
<b>Company Code:</b>		O0348			
<b>Industry:</b>		School/Care/Facility			
<b>Site Status:</b>					
<b>Transaction Date:</b>		10/6/1993			
<b>Inspection Date:</b>		12/2/1991			
<a href="#">1</a>	17 of 23	-/0.0	94.0	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	NPCB
<b>Company Code:</b>		F1099			
<b>Industry:</b>					
<b>Site Status:</b>					
<b>Transaction Date:</b>		1/29/1996			
<b>Inspection Date:</b>					
--- Details ---					
<b>Label:</b>					
<b>Serial No.:</b>					
<b>PCB Type/Code:</b>		Askarel			
<b>Location:</b>					
<b>Item/State:</b>					
<b>No. of Items:</b>					
<b>Manufacturer:</b>					
<b>Status:</b>		Stored for Disposal			
<b>Contents:</b>		200.00 KG			
<a href="#">1</a>	18 of 23	-/0.0	94.0	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	OPCB
<b>Year:</b>		2003			
<b>Site Number:</b>		30289A100			
<b>Name Owner:</b>					
<b>Additional Site Information:</b>					
<a href="#">1</a>	19 of 23	-/0.0	94.0	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	OPCB
<b>Year:</b>		2000			
<b>Site Number:</b>		30289A100			
<b>Name Owner:</b>					
<b>Additional Site Information:</b>					
--- Details ---					
<b>Quantity:</b>		2046.00			
<b>Address Site:</b>					
<b>Description:</b>		Weight of Bulk Liquid with High Level PCBs (>1000 ppm) kg			
+					
<b>Quantity:</b>		1.00			
<b>Address Site:</b>					
<b>Description:</b>		Number of Transformers with High Level PCBs (>1000 ppm)			
+					
<b>Quantity:</b>		2.00			
<b>Address Site:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Description:</b>		Number of Drums of Ballasts with High Level PCBs (>1000 ppm)			
+					
<b>Quantity:</b>		400.00			
<b>Address Site:</b>					
<b>Description:</b>		Calculated Weight (Kg) of Drums of Ballasts with High Level PCBs (>1000 ppm)			
+					
<b>Quantity:</b>		369.70			
<b>Address Site:</b>					
<b>Description:</b>		Weight of Capacitors with High Level PCBs (>1000 ppm) kg			
+					
<b>Quantity:</b>		2.00			
<b>Address Site:</b>					
<b>Description:</b>		Number of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg			
+					
<b>Quantity:</b>		300.00			
<b>Address Site:</b>					
<b>Description:</b>		Calculated Weight of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg			

<u>1</u>	20 of 23	-/0.0	94.0	<b>OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7</b>	OPCB
<b>Year:</b>		1999			
<b>Site Number:</b>		30289A100			
<b>Name Owner:</b>					
<b>Additional Site Information:</b>					
--- Details ---					
<b>Quantity:</b>		2046.00			
<b>Address Site:</b>					
<b>Description:</b>		Weight of Bulk Liquid with High Level PCBs (>1000 ppm) kg			
+					
<b>Quantity:</b>		1.00			
<b>Address Site:</b>					
<b>Description:</b>		Number of Transformers with High Level PCBs (>1000 ppm)			
+					
<b>Quantity:</b>		2.00			
<b>Address Site:</b>					
<b>Description:</b>		Number of Drums of Ballasts with High Level PCBs (>1000 ppm)			
+					
<b>Quantity:</b>		400.00			
<b>Address Site:</b>					
<b>Description:</b>		Calculated Weight (Kg) of Drums of Ballasts with High Level PCBs (>1000 ppm)			
+					
<b>Quantity:</b>		369.70			
<b>Address Site:</b>					
<b>Description:</b>		Weight of Capacitors with High Level PCBs (>1000 ppm) kg			
+					
<b>Quantity:</b>		2.00			
<b>Address Site:</b>					
<b>Description:</b>		Number of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg			
+					
<b>Quantity:</b>		300.00			
<b>Address Site:</b>					
<b>Description:</b>		Calculated Weight of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg			

<u>1</u>	21 of 23	-/0.0	94.0	<b>OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7</b>	OPCB
<b>Year:</b>		1998			
<b>Site Number:</b>		30289A100			
<b>Name Owner:</b>					
<b>Additional Site Information:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--- Details ---					
		Quantity:	2046.00		
		Address Site:			
		Description:	Weight of Bulk Liquid with High Level PCBs (>1000 ppm) kg		
		+			
		Quantity:	1.00		
		Address Site:			
		Description:	Number of Transformers with High Level PCBs (>1000 ppm)		
		+			
		Quantity:	2.00		
		Address Site:			
		Description:	Number of Drums of Ballasts with High Level PCBs (>1000 ppm)		
		+			
		Quantity:	400.00		
		Address Site:			
		Description:	Calculated Weight (Kg) of Drums of Ballasts with High Level PCBs (>1000 ppm)		
		+			
		Quantity:	369.70		
		Address Site:			
		Description:	Weight of Capacitors with High Level PCBs (>1000 ppm) kg		
		+			
		Quantity:	2.00		
		Address Site:			
		Description:	Number of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg		
		+			
		Quantity:	300.00		
		Address Site:			
		Description:	Calculated Weight of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg		
<u>1</u>	22 of 23	-/0.0	94.0	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	OPCB
		Year:	2004		
		Site Number:	30289A100		
		Name Owner:			
		Additional Site Information:			
<u>1</u>	23 of 23	-/0.0	94.0	OAKVILLE - TRAFALGAR MEMORIAL HOSPITAL 327 REYNOLDS STREET OAKVILLE ON L6J 3L7	OPCB
		Year:	1995		
		Site Number:	30289A100		
		Name Owner:			
		Additional Site Information:			
--- Details ---					
		Quantity:	1469.00		
		Address Site:			
		Description:	Weight of Bulk Liquid with High Level PCBs (>1000 ppm) kg		
		+			
		Quantity:	1.00		
		Address Site:			
		Description:	Number of Transformers with High Level PCBs (>1000 ppm)		
<u>2</u>	1 of 1	-/0.0	94.0	ON	BORE
		Borehole ID:	642475	Type:	Borehole
		Use:	Geotechnical/Geological Investigation	Status:	
		Drill Method:	Power auger	UTM Zone:	17

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Easting:</b>	607435			<b>Northing:</b>	4812003
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	93
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	93.4
<b>Total Depth m:</b>	6.4			<b>Primary Name:</b>	
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	APR-1960			<b>Static Water Level:</b>	.5
<b>Primary Water Use:</b>	Not Used			<b>Sec. Water Use:</b>	
<b>--- Details ---</b>					
<b>Stratum ID:</b>	218499814			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	2.1			<b>Stratum Desc:</b>	SAND-FINE TO MEDIUM,SILT. BROWN,LACUSTRINE,LOOSE, AGE GLACIAL.
<b>+</b>					
<b>Stratum ID:</b>	218499815			<b>Top Depth(m):</b>	2.1
<b>Bottom Depth(m):</b>	4.6			<b>Stratum Desc:</b>	SAND,GRAVEL. RED,BROWN,ALLUVIAL,COMPACT, AGE GLACIAL, WATER STABLE AT 303.5 FEET.
<b>+</b>					
<b>Stratum ID:</b>	218499816			<b>Top Depth(m):</b>	4.6
<b>Bottom Depth(m):</b>	6.4			<b>Stratum Desc:</b>	SILT,CLAY,SAND. RED,LACUSTRINE,STIFF, AGE GLACIAL. 000000800070018001500200006DOVICIAN.

<u>3</u>	1 of 1	-0.0	95.0	OAKVILLE ON	WWIS
<b>Well ID:</b>	7043549			<b>Lot:</b>	
<b>Concession:</b>				<b>Concession Name:</b>	
<b>County:</b>	HALTON			<b>Municipality:</b>	OAKVILLE TOWN
<b>Easting Nad83:</b>	607201			<b>Northing Nad83:</b>	4812048
<b>Zone:</b>	17			<b>Utm Reliability:</b>	margin of error : 10 - 30 m
<b>Primary Water Use:</b>				<b>Construction Date:</b>	15-APR-07
<b>Sec. Water Use:</b>				<b>Well Depth:</b>	
<b>Pump Rate:</b>				<b>Static Water Level:</b>	
<b>Flow Rate:</b>				<b>Clear/Cloudy:</b>	
<b>Specific Capacity:</b>				<b>Final Well Status:</b>	Observation Wells
<b>Construction Method:</b>	Other Method			<b>Flowing (y/n):</b>	
<b>Elevation (m):</b>	94.84			<b>Elevation Reliability:</b>	
<b>Depth to Bedrock:</b>				<b>Overburden/Bedrock:</b>	No formation data
<b>Water Type:</b>				<b>Casing Material:</b>	Not stated

<u>6</u>	1 of 1	-0.0	95.0	OAKVILLE CYTOLOGY SERVICE 345 REYNOLDS STREET OAKVILLE ON L6J 3L9	GEN
<b>Generator #:</b>	ON0529600				
<b>Approval Yrs:</b>	86,87,88				
<b>SIC Code:</b>	8681				
<b>SIC Description:</b>	MEDICAL LABORATORIES				
<b>--- Details ---</b>					
<b>Waste Code:</b>	211				
<b>Waste Description:</b>	AROMATIC SOLVENTS				
<b>+</b>					
<b>Waste Code:</b>	212				
<b>Waste Description:</b>	ALIPHATIC SOLVENTS				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>7</u>	1 of 3	-0.0	91.8	HALTON BOARD (OUT OF BUSINESS) 19-172 OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	GEN
<b>Generator #:</b>		ON0326303			
<b>Approval Yrs:</b>		92,93,94,95,96,97			
<b>SIC Code:</b>		8511			
<b>SIC Description:</b>		ELEMT./SECON. EDUC.			
--- Details ---					
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
+					
<b>Waste Code:</b>		211			
<b>Waste Description:</b>		AROMATIC SOLVENTS			
+					
<b>Waste Code:</b>		213			
<b>Waste Description:</b>		PETROLEUM DISTILLATES			
+					
<b>Waste Code:</b>		251			
<b>Waste Description:</b>		OIL SKIMMINGS & SLUDGES			
+					
<b>Waste Code:</b>		252			
<b>Waste Description:</b>		WASTE OILS & LUBRICANTS			
+					
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
<u>7</u>	2 of 3	-0.0	91.8	HALTON BOARD OF EDUCATION OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	GEN
<b>Generator #:</b>		ON0326303			
<b>Approval Yrs:</b>		86,87,88,89,90			
<b>SIC Code:</b>		8511			
<b>SIC Description:</b>		ELEMT./SECON. EDUC.			
--- Details ---					
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
+					
<b>Waste Code:</b>		211			
<b>Waste Description:</b>		AROMATIC SOLVENTS			
+					
<b>Waste Code:</b>		213			
<b>Waste Description:</b>		PETROLEUM DISTILLATES			
+					
<b>Waste Code:</b>		251			
<b>Waste Description:</b>		OIL SKIMMINGS & SLUDGES			
+					
<b>Waste Code:</b>		252			
<b>Waste Description:</b>		WASTE OILS & LUBRICANTS			
+					
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
<u>7</u>	3 of 3	-0.0	91.8	HALTON BOARD OF EDUCATION(OUT OF BUS.) OAKVILLE TRAFALGAR HIGH SCHOOL 291 REYNOLDS STREET OAKVILLE ON L6J 3L5	GEN
<b>Generator #:</b>		ON0326303			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>	<i>DB</i>
<i>Approval Yrs:</i>		98			
<i>SIC Code:</i>		8511			
<i>SIC Description:</i>		ELEM.T./SECON. EDUC.			
<i>--- Details ---</i>					
<i>Waste Code:</i>		148			
<i>Waste Description:</i>		INORGANIC LABORATORY CHEMICALS			
+					
<i>Waste Code:</i>		211			
<i>Waste Description:</i>		AROMATIC SOLVENTS			
+					
<i>Waste Code:</i>		213			
<i>Waste Description:</i>		PETROLEUM DISTILLATES			
+					
<i>Waste Code:</i>		251			
<i>Waste Description:</i>		OIL SKIMMINGS & SLUDGES			
+					
<i>Waste Code:</i>		252			
<i>Waste Description:</i>		WASTE OILS & LUBRICANTS			
+					
<i>Waste Code:</i>		263			
<i>Waste Description:</i>		ORGANIC LABORATORY CHEMICALS			

4      1 of 1      **WSW/17.5**      **94.0**      **344 REYNOLDS STREET  
OAKVILLE ON L6J 3L8**      **HINC**

*External File Num:* FS INC 0610-03058  
*Date of Occurrence:*  
*Fuel Occurrence Type:*  
*Fuel Type Involved:*  
*Status Desc:* Completed - No Action Required  
*Job Type Desc:* Incident/Near-Miss Occurrence (FS)  
*Oper. Type Involved:*  
*Service Interruptions:*  
*Property Damage:*  
*Fuel Life Cycle Stage:*  
*Root Cause:*  
*Reported Details:*  
*Fuel Category:* Gaseous Fuel  
*Occurrence Type:* Incident  
*Affiliation:* Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)  
*County Name:* Halton  
*Approx. Quant. Rel:*  
*Nearby body of water:*  
*Enter Drainage Syst.:*  
*Approx. Quant. Unit:*  
*Environmental Impact:*

5      1 of 2      **NNE/19.2**      **95.0**      **343 ALLAN STREET, OAKVILLE  
ON**      **PINC**

*Incident ID:*  
*Tank Status:* RC Established  
*Attribute Category:* FS-Perform P-line Inc Invest  
*Task Number:* 4465884  
*Type:* FS-Pipeline Incident  
*Incident Number:* 1096464  
*Status Code:* Pipeline Damage Reason Est  
*Summary:* 343 ALLAN STREET, OAKVILLE - 1/2" PIPELINE HIT  
*Spills Action Centre:*  
*Reported By:* Jeremy Getson - Union Gas  
*Affiliation:*  
*Method Details:* E-mail

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Fuel Category:</b> <b>Fuel Occurrence Type:</b> <b>Date of Occurrence:</b> <b>Occurrence Start Date:</b> <b>Health Impact:</b> <b>Occurrence Desc:</b> <b>Environment Impact:</b> <b>Property Damage:</b> <b>Service Interrupt:</b> <b>Fuel Type:</b> <b>Enforce Policy:</b> <b>Operation Type:</b> <b>Damage Reason:</b> <b>Public Relation:</b> <b>Pipeline System:</b> <b>Pipeline Type:</b> <b>Depth:</b> <b>Pipe Material:</b> <b>Regulator Location:</b> <b>PSIG:</b> <b>Regulator Type:</b> <b>Notes:</b>		Natural Gas			
<a href="#">5</a>	2 of 2	NNE/19.2	95.0	Union Gas<UNOFFICIAL> 343 Allan Street Oakville ON	SPL
<b>Ref NO:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Quantity:</b> <b>Incident Cause:</b> <b>Incident Dt:</b> <b>Incident Reason:</b> <b>Incident Summary:</b> <b>MOE Reported Dt:</b> <b>Environmental Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>SAC Action Class:</b> <b>Sector Source Type:</b> <b>Site Municipality:</b>		4204-97GRSZ 35 NATURAL GAS (METHANE) 0 other - see incident description Leak/Break 07-MAY-13 Unknown / N/A Union Gas: 0.5 inch plastic line strike, made safe 07-MAY-13 Confirmed Air Pollution TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components Oakville			
<a href="#">8</a>	1 of 8	W/17.4	95.0	Dr. ROSS PRINCE 358 REYNOLDS STREET OAKVILLE ON	GEN
<b>Generator #:</b> <b>Approval Yrs:</b> <b>SIC Code:</b> <b>SIC Description:</b> <b>--- Details ---</b> <b>Waste Code:</b> <b>Waste Description:</b>		ON2618054 2013 621390 OFFICES OF ALL OTHER HEALTH PRACTITIONERS 221 LIGHT FUELS			
<a href="#">8</a>	2 of 8	W/17.4	95.0	Dr. ROSS PRINCE 358 REYNOLDS STREET OAKVILLE ON	GEN
<b>Generator #:</b> <b>Approval Yrs:</b>		ON2618054 2012			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>SIC Code:</b>		621390			
<b>SIC Description:</b>		Offices of All Other Health Practitioners			
<u>8</u>	3 of 8	W/17.4	95.0	<b>OAKVILLE CYTOLOGY SERVICE 358 REYNOLDS STREET OAKVILLE ON L6J 3L9</b>	<b>GEN</b>
<b>Generator #:</b>		ON0529600			
<b>Approval Yrs:</b>		89,99,00,01			
<b>SIC Code:</b>		8681			
<b>SIC Description:</b>		MEDICAL LABORATORIES			
--- Details ---					
<b>Waste Code:</b>		211			
<b>Waste Description:</b>		AROMATIC SOLVENTS			
+					
<b>Waste Code:</b>		212			
<b>Waste Description:</b>		ALIPHATIC SOLVENTS			
<u>8</u>	4 of 8	W/17.4	95.0	<b>1801473 Ontario Corp. 358 Reynolds St. Suite 3 Oakville ON L6J 3L9</b>	<b>GEN</b>
<b>Generator #:</b>		ON8393557			
<b>Approval Yrs:</b>		2010			
<b>SIC Code:</b>		621510			
<b>SIC Description:</b>		Medical and Diagnostic Laboratories			
--- Details ---					
<b>Waste Code:</b>		312			
<b>Waste Description:</b>		PATHOLOGICAL WASTES			
<u>8</u>	5 of 8	W/17.4	95.0	<b>OAKVILLE CYTOLOGY SERVICE 358 REYNOLDS STREET OAKVILLE ON L6J 3L9</b>	<b>29-125 GEN</b>
<b>Generator #:</b>		ON0529600			
<b>Approval Yrs:</b>		92,93,94,95,96,97,98			
<b>SIC Code:</b>		8681			
<b>SIC Description:</b>		MEDICAL LABORATORIES			
--- Details ---					
<b>Waste Code:</b>		211			
<b>Waste Description:</b>		AROMATIC SOLVENTS			
+					
<b>Waste Code:</b>		212			
<b>Waste Description:</b>		ALIPHATIC SOLVENTS			
<u>8</u>	6 of 8	W/17.4	95.0	<b>1801473 Ontario Corp. 358 Reynolds St. Suite 3 Oakville ON L6J 3L9</b>	<b>GEN</b>
<b>Generator #:</b>		ON8393557			
<b>Approval Yrs:</b>		2011			
<b>SIC Code:</b>		621510			
<b>SIC Description:</b>		Medical and Diagnostic Laboratories			
--- Details ---					
<b>Waste Code:</b>		312			
<b>Waste Description:</b>		PATHOLOGICAL WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">8</a>	7 of 8	W/17.4	95.0	ON	INC

**Incident ID:**  
**Incident Number:** 962160  
**SR Type:** FS-Perform L1 Incident Insp  
**Status Code:**  
**Summary:** 358 REYNOLDS STREET, OAKVILLE - LEAK  
**Drainage System:**  
**Sub Surface Contam.:**  
**Aff. Prop. Use Water:**  
**Contam. Migrated:**  
**Contact Natural Env.:**  
**Near Body of Water:**  
**Approx. Quant. Rel.:**  
**Equipment Model:**  
**Serial No:**  
**Residential App. Type:**  
**Commercial App. Type:**  
**Industrial App. Type:**  
**Institutional App. Type:**  
**Venting Type:**  
**Vent Connector Mater.:**  
**Vent Chimney Mater.:**  
**Notes:**  
**Pipeline Type:**  
**Pipeline Involved:**  
**Pipe Material:**  
**Depth Ground Cover:**  
**Regulator Location:**  
**Regulator Type:**  
**Operation Pressure:**  
**Pipeline Notes:**  
**Liquid Prop Make:**  
**Liquid Prop Model:**  
**Liquid Prop Serial No:**  
**Equipment Type:**  
**Cylinder Capacity:**  
**Cylinder Capac. Units:**  
**Cylinder Material Type:**  
**Tank Capacity:**  
**Tank Material Type:**  
**Tank Storage Type:**  
**Tank Location Type:**  
**Pump Flow Rate Capac.:**  
**Liquid Prop Notes:**

<a href="#">8</a>	8 of 8	W/17.4	95.0	Oakville Medical Arts Pharmacy<UNOFFICIAL> 358 Reynolds Street Oakville ON	SPL
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**Ref NO:** 7631-92WJ5K  
**Contaminant Code:** 13  
**Contaminant Name:** FUEL OIL  
**Contaminant Quantity:** 0 other - see incident description  
**Incident Cause:** Leak/Break  
**Incident Dt:** 12-DEC-12  
**Incident Reason:** Other  
**Incident Summary:** TSSA: UST leak  
**MOE Reported Dt:** 12-DEC-12  
**Environmental Impact:** Confirmed  
**Nature of Impact:** Other Impact(s); Soil Contamination  
**Receiving Medium:**  
**SAC Action Class:** TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Sector Source Type:</b>		Tank - Underground			
<b>Site Municipality:</b>		Oakville			
<a href="#">9</a>	1 of 1	SE/23.3	93.8	ON	BORE
<b>Borehole ID:</b>	642473			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Power auger			<b>UTM Zone:</b>	17
<b>Easting:</b>	607470			<b>Northing:</b>	4811963
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	93
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	93.1
<b>Total Depth m:</b>	5			<b>Primary Name:</b>	
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	APR-1960			<b>Static Water Level:</b>	.5
<b>Primary Water Use:</b>	Not Used			<b>Sec. Water Use:</b>	
--- Details ---					
<b>Stratum ID:</b>	218499806			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.9			<b>Stratum Desc:</b>	SAND-MEDIUM. BROWN,LACUSTRINE,LOOSE, AGE GLACIAL.
+					
<b>Stratum ID:</b>	218499807			<b>Top Depth(m):</b>	0.9
<b>Bottom Depth(m):</b>	4.6			<b>Stratum Desc:</b>	SAND-FINE TO MEDIUM,GRAVEL. RED,BROWN,ALLUVIAL,DENSE, AGE GLACIAL, WATER STABLE AT 303.5 FEET.
+					
<b>Stratum ID:</b>	218499808			<b>Top Depth(m):</b>	4.6
<b>Bottom Depth(m):</b>	5.0			<b>Stratum Desc:</b>	SILT,CLAY . RED,LACUSTRINE,HARD, AGE GLACIAL. 000000120003002000150100000060000
<a href="#">10</a>	1 of 1	W/22.6	95.0	358 Reynolds Street Oakville ON	EHS
<b>Addit. Info Ordered:</b>					
<b>Order No.:</b>	20131031022				
<b>Report Date:</b>	08-NOV-13				
<b>Report Type:</b>	Standard Report				
<b>Search Radius (km):</b>	.25				
<a href="#">11</a>	1 of 1	NNE/89.2	96.0	WILLIAM HERON 336 DOUGLAS AVE OAKVILLE ON L6J 3S6	CFOT
<b>Registration No.:</b>					
<b>Licence No.:</b>					
<b>Tank Size:</b>	2000				
<b>Instance Number:</b>	40946005				
<b>Facility Type:</b>	FS Fuel Oil Tank				
<b>Status Name:</b>	Active				
<b>Corrosion Protection:</b>					
<b>Fuel Type:</b>	Fuel Oil				
<b>Year Installed:</b>	1946				
<b>Tank Material:</b>	Steel				
<b>Distributor:</b>					
<b>Contact Name:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Contact Address:</b> <b>Contact Address2:</b> <b>Contact City:</b> <b>Comments:</b>					

<a href="#">12</a>	1 of 1	NNE/89.4	96.0	ON	INC
<b>Incident ID:</b> <b>Incident Number:</b> 1324676 <b>SR Type:</b> FS-Perform L1 Incident Insp <b>Status Code:</b> <b>Summary:</b> 352 DOUGLAS AVENUE, OAKVILLE - VAPOUR RELEASE <b>Drainage System:</b> <b>Sub Surface Contam.:</b> <b>Aff. Prop. Use Water:</b> <b>Contam. Migrated:</b> <b>Contact Natural Env.:</b> <b>Near Body of Water:</b> <b>Approx. Quant. Rel.:</b> <b>Equipment Model:</b> <b>Serial No:</b> <b>Residential App. Type:</b> <b>Commercial App. Type:</b> <b>Industrial App. Type:</b> <b>Institutional App. Type:</b> <b>Venting Type:</b> <b>Vent Connector Mater.:</b> <b>Vent Chimney Mater.:</b> <b>Notes:</b> <b>Pipeline Type:</b> <b>Pipeline Involved:</b> <b>Pipe Material:</b> <b>Depth Ground Cover:</b> <b>Regulator Location:</b> <b>Regulator Type:</b> <b>Operation Pressure:</b> <b>Pipeline Notes:</b> <b>Liquid Prop Make:</b> <b>Liquid Prop Model:</b> <b>Liquid Prop Serial No:</b> <b>Equipment Type:</b> <b>Cylinder Capacity:</b> <b>Cylinder Capac. Units:</b> <b>Cylinder Material Type:</b> <b>Tank Capacity:</b> <b>Tank Material Type:</b> <b>Tank Storage Type:</b> <b>Tank Location Type:</b> <b>Pump Flow Rate Capac.:</b> <b>Liquid Prop Notes:</b>					

<a href="#">13</a>	1 of 1	ENE/124.9	95.0	ON	INC
<b>Incident ID:</b> <b>Incident Number:</b> 242642 <b>SR Type:</b> FS-Perform L1 Incident Insp <b>Status Code:</b> <b>Summary:</b> 305 DOUGLAS AVE,OAKVILLE - 1/2" PIPELINE HIT <b>Drainage System:</b> <b>Sub Surface Contam.:</b> <b>Aff. Prop. Use Water:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Contam. Migrated:</b> <b>Contact Natural Env.:</b> <b>Near Body of Water:</b> <b>Approx. Quant. Rel.:</b> <b>Equipment Model:</b> <b>Serial No:</b> <b>Residential App. Type:</b> <b>Commercial App. Type:</b> <b>Industrial App. Type:</b> <b>Institutional App. Type:</b> <b>Venting Type:</b> <b>Vent Connector Mater.:</b> <b>Vent Chimney Mater.:</b> <b>Notes:</b> <b>Pipeline Type:</b> <b>Pipeline Involved:</b> <b>Pipe Material:</b> <b>Depth Ground Cover:</b> <b>Regulator Location:</b> <b>Regulator Type:</b> <b>Operation Pressure:</b> <b>Pipeline Notes:</b> <b>Liquid Prop Make:</b> <b>Liquid Prop Model:</b> <b>Liquid Prop Serial No:</b> <b>Equipment Type:</b> <b>Cylinder Capacity:</b> <b>Cylinder Capac. Units:</b> <b>Cylinder Material Type:</b> <b>Tank Capacity:</b> <b>Tank Material Type:</b> <b>Tank Storage Type:</b> <b>Tank Location Type:</b> <b>Pump Flow Rate Capac.:</b> <b>Liquid Prop Notes:</b>					
<a href="#">14</a>	1 of 1	W/75.3	96.6	A & T CUSTOM MIRRORS 384 REYNOLDS ST OAKVILLE ON L6J 3M2	SCT
<b>Established:</b> 1986 <b>Plant Size (ft²):</b> 1000 <b>Employment:</b> 1  <b>--- Details ---</b> <b>Description:</b> WOOD HOUSEHOLD FURNITURE, EXCEPT UPHOLSTERED <b>SIC/NAICS Code:</b> 2511 <b>+</b> <b>Description:</b> GLASS PRODUCTS, MADE OF PURCHASED GLASS <b>SIC/NAICS Code:</b> 3231					

<a href="#">15</a>	1 of 7	SW/140.6	91.5	MacLachlan College 337 Trafalgar Road Oakville ON	GEN
<b>Generator #:</b> ON8732377 <b>Approval Yrs:</b> 2013 <b>SIC Code:</b> 611690 <b>SIC Description:</b> ALL OTHER SCHOOLS AND INSTRUCTION  <b>--- Details ---</b> <b>Waste Code:</b> 112 <b>Waste Description:</b> ACID WASTE - HEAVY METALS <b>+</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Waste Code:</b> 263 <b>Waste Description:</b> ORGANIC LABORATORY CHEMICALS + <b>Waste Code:</b> 331 <b>Waste Description:</b> WASTE COMPRESSED GASES + <b>Waste Code:</b> 148 <b>Waste Description:</b> INORGANIC LABORATORY CHEMICALS + <b>Waste Code:</b> 145 <b>Waste Description:</b> PAINT/PIGMENT/COATING RESIDUES					
<a href="#">15</a>	2 of 7	SW/140.6	91.5	MacLachlan College 337 Trafalgar Road Oakville ON L6J 3H3	GEN
<b>Generator #:</b> ON8732377 <b>Approval Yrs:</b> As of May 2015 <b>SIC Code:</b> <b>SIC Description:</b> --- Details --- <b>Waste Code:</b> 112 <b>Waste Description:</b> Acid solutions - containing heavy metals + <b>Waste Code:</b> 263 <b>Waste Description:</b> Misc. waste organic chemicals					
<a href="#">15</a>	3 of 7	SW/140.6	91.5	MacLachlan College 337 Trafalgar Road Oakville ON L6J 3H3	GEN
<b>Generator #:</b> ON8732377 <b>Approval Yrs:</b> 2009 <b>SIC Code:</b> 611690 <b>SIC Description:</b> All Other Schools and Instruction --- Details --- <b>Waste Code:</b> 112 <b>Waste Description:</b> ACID WASTE - HEAVY METALS + <b>Waste Code:</b> 145 <b>Waste Description:</b> PAINT/PIGMENT/COATING RESIDUES + <b>Waste Code:</b> 148 <b>Waste Description:</b> INORGANIC LABORATORY CHEMICALS + <b>Waste Code:</b> 331 <b>Waste Description:</b> WASTE COMPRESSED GASES					
<a href="#">15</a>	4 of 7	SW/140.6	91.5	MacLachlan College 337 Trafalgar Road Oakville ON L6J 3H3	GEN
<b>Generator #:</b> ON8732377 <b>Approval Yrs:</b> 2010 <b>SIC Code:</b> 611690 <b>SIC Description:</b> All Other Schools and Instruction --- Details --- <b>Waste Code:</b> 331 <b>Waste Description:</b> WASTE COMPRESSED GASES + <b>Waste Code:</b> 263					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Waste Description:</b> ORGANIC LABORATORY CHEMICALS + <b>Waste Code:</b> 148 <b>Waste Description:</b> INORGANIC LABORATORY CHEMICALS + <b>Waste Code:</b> 145 <b>Waste Description:</b> PAINT/PIGMENT/COATING RESIDUES + <b>Waste Code:</b> 112 <b>Waste Description:</b> ACID WASTE - HEAVY METALS					
<a href="#">15</a>	5 of 7	SW/140.6	91.5	MacLachlan College 337 Trafalgar Road Oakville ON L6J 3H3	GEN
<b>Generator #:</b> ON8732377 <b>Approval Yrs:</b> 2012 <b>SIC Code:</b> 611690 <b>SIC Description:</b> All Other Schools and Instruction  --- Details --- <b>Waste Code:</b> 112 <b>Waste Description:</b> ACID WASTE - HEAVY METALS + <b>Waste Code:</b> 331 <b>Waste Description:</b> WASTE COMPRESSED GASES + <b>Waste Code:</b> 145 <b>Waste Description:</b> PAINT/PIGMENT/COATING RESIDUES + <b>Waste Code:</b> 148 <b>Waste Description:</b> INORGANIC LABORATORY CHEMICALS + <b>Waste Code:</b> 263 <b>Waste Description:</b> ORGANIC LABORATORY CHEMICALS					
<a href="#">15</a>	6 of 7	SW/140.6	91.5	MacLachlan College 337 Trafalgar Road Oakville ON L6J 3H3	GEN
<b>Generator #:</b> ON8732377 <b>Approval Yrs:</b> 2011 <b>SIC Code:</b> 611690 <b>SIC Description:</b> All Other Schools and Instruction  --- Details --- <b>Waste Code:</b> 112 <b>Waste Description:</b> ACID WASTE - HEAVY METALS + <b>Waste Code:</b> 263 <b>Waste Description:</b> ORGANIC LABORATORY CHEMICALS + <b>Waste Code:</b> 148 <b>Waste Description:</b> INORGANIC LABORATORY CHEMICALS + <b>Waste Code:</b> 145 <b>Waste Description:</b> PAINT/PIGMENT/COATING RESIDUES + <b>Waste Code:</b> 331 <b>Waste Description:</b> WASTE COMPRESSED GASES					
<a href="#">15</a>	7 of 7	SW/140.6	91.5	MacLachlan College 337 Trafalgar Road Oakville ON L6J 3H3	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Generator #:</b> <b>Approval Yrs:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON8732377 05,06 611690 All Other Schools and Instruction			
--- Details ---					
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
+					
<b>Waste Code:</b>		112			
<b>Waste Description:</b>		ACID WASTE - HEAVY METALS			
+					
<b>Waste Code:</b>		145			
<b>Waste Description:</b>		PAINT/PIGMENT/COATING RESIDUES			
+					
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
+					
<b>Waste Code:</b>		331			
<b>Waste Description:</b>		WASTE COMPRESSED GASES			
<a href="#">16</a>	1 of 16	<b>ESE/104.5</b>	<b>94.0</b>	<b>331 SHEDDON AVENUE OAKVILLE ON L6J 1X8</b>	<b>EHS</b>
<b>Addit. Info Ordered:</b>		Aerial Photos			
<b>Order No.:</b>		20101116005			
<b>Report Date:</b>		11/24/2010			
<b>Report Type:</b>		Standard Select Report			
<b>Search Radius (km):</b>		0.25			
<a href="#">16</a>	2 of 16	<b>ESE/104.5</b>	<b>94.0</b>	<b>CMLHealthCare 331 Sheddon Ave Oakville ON L6J 1X8</b>	<b>GEN</b>
<b>Generator #:</b>		ON6669855			
<b>Approval Yrs:</b>		2011			
<b>SIC Code:</b>		621510			
<b>SIC Description:</b>		Medical and Diagnostic Laboratories			
--- Details ---					
<b>Waste Code:</b>		312			
<b>Waste Description:</b>		PATHOLOGICAL WASTES			
<a href="#">16</a>	3 of 16	<b>ESE/104.5</b>	<b>94.0</b>	<b>LifeLabs LP 331 Sheddon Ave, Unit 101 Oakville ON</b>	<b>GEN</b>
<b>Generator #:</b>		ON6669855			
<b>Approval Yrs:</b>		As of May 2015			
<b>SIC Code:</b>					
<b>SIC Description:</b>					
--- Details ---					
<b>Waste Code:</b>		312			
<b>Waste Description:</b>		Pathological wastes			
<a href="#">16</a>	4 of 16	<b>ESE/104.5</b>	<b>94.0</b>	<b>sheddon avenue medical associates 331 sheddon avenue suite 308 oakville ON</b>	<b>GEN</b>
<b>Generator #:</b>		ON8517859			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Approval Yrs: SIC Code: SIC Description:		2013 621110 OFFICES OF PHYSICIANS			
--- Details --- Waste Code: Waste Description: + Waste Code: Waste Description:		261 PHARMACEUTICALS 312 PATHOLOGICAL WASTES			
<a href="#">16</a>	5 of 16	ESE/104.5	94.0	sheddon avenue medical associates 331 sheddon avenue suite 308 oakville ON L6J 1X8	GEN
Generator #: Approval Yrs: SIC Code: SIC Description:		ON8517859 2012 621110 Offices of Physicians			
--- Details --- Waste Code: Waste Description:		312 PATHOLOGICAL WASTES			
<a href="#">16</a>	6 of 16	ESE/104.5	94.0	sheddon avenue medical associates 331 sheddon avenue suite 308 oakville ON L6J 1X8	GEN
Generator #: Approval Yrs: SIC Code: SIC Description:		ON8517859 As of May 2015			
--- Details --- Waste Code: Waste Description: + Waste Code: Waste Description:		312 Pathological wastes 261 Pharmaceuticals			
<a href="#">16</a>	7 of 16	ESE/104.5	94.0	LifeLabs LP 331 Sheddon Ave, Unit 101 Oakville ON	GEN
Generator #: Approval Yrs: SIC Code: SIC Description:		ON6669855 2013 621510 MEDICAL AND DIAGNOSTIC LABORATORIES			
--- Details --- Waste Code: Waste Description:		312 PATHOLOGICAL WASTES			
<a href="#">16</a>	8 of 16	ESE/104.5	94.0	MADILL PHARMACY LTD. 331 SHEDDON AVENUE #104 OAKVILLE ON L6J 1X8	GEN
Generator #: Approval Yrs: SIC Code: SIC Description:		ON2372700 98,99,00,01 6031 PHARMACIES			
--- Details ---					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Waste Code:</b> <b>Waste Description:</b> + <b>Waste Code:</b> <b>Waste Description:</b>		261 PHARMACEUTICALS			
		312 PATHOLOGICAL WASTES			
<a href="#">16</a>	9 of 16	<b>ESE/104.5</b>	<b>94.0</b>	<b>LifeLabs LP 331 Sheddon Ave, Unit 101 Oakville ON</b>	<b>GEN</b>
<b>Generator #:</b> <b>Approval Yrs:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON6669855 2012 621510 Medical and Diagnostic Laboratories			
<b>--- Details ---</b> <b>Waste Code:</b> <b>Waste Description:</b>		312 PATHOLOGICAL WASTES			
<a href="#">16</a>	10 of 16	<b>ESE/104.5</b>	<b>94.0</b>	<b>sheddon avenue medical associates 331 sheddon avenue suite 308 oakville ON L6J 1X8</b>	<b>GEN</b>
<b>Generator #:</b> <b>Approval Yrs:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON8517859 2011 621110 Offices of Physicians			
<b>--- Details ---</b> <b>Waste Code:</b> <b>Waste Description:</b>		312 PATHOLOGICAL WASTES			
<a href="#">16</a>	11 of 16	<b>ESE/104.5</b>	<b>94.0</b>	<b>sheddon avenue medical associates 331 sheddon avenue suite 308 oakville ON L6J 1X8</b>	<b>GEN</b>
<b>Generator #:</b> <b>Approval Yrs:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON8517859 2010 621110 Offices of Physicians			
<b>--- Details ---</b> <b>Waste Code:</b> <b>Waste Description:</b>		312 PATHOLOGICAL WASTES			
<a href="#">16</a>	12 of 16	<b>ESE/104.5</b>	<b>94.0</b>	<b>Hibbert Foot Clinic 331 Sheddon Ave. Ste. 103 Oakville ON</b>	<b>GEN</b>
<b>Generator #:</b> <b>Approval Yrs:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON3779525 2013 621390 OFFICES OF ALL OTHER HEALTH PRACTITIONERS			
<b>--- Details ---</b> <b>Waste Code:</b> <b>Waste Description:</b>		312 PATHOLOGICAL WASTES			
<a href="#">16</a>	13 of 16	<b>ESE/104.5</b>	<b>94.0</b>	<b>CMLHealthCare 331 Sheddon Ave Oakville ON L6J 1X8</b>	<b>GEN</b>
<b>Generator #:</b>		ON6669855			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>Approval Yrs:</b> <b>SIC Code:</b> <b>SIC Description:</b>		2010 621510 Medical and Diagnostic Laboratories			
<b>--- Details ---</b> <b>Waste Code:</b> <b>Waste Description:</b>		312 PATHOLOGICAL WASTES			
<a href="#">16</a>	14 of 16	<b>ESE/104.5</b>	<b>94.0</b>	<b>CMLHealthCare 331 Sheddon Ave Oakville ON L6J 1X8</b>	<b>GEN</b>
<b>Generator #:</b> <b>Approval Yrs:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON6669855 2009 621510 Medical and Diagnostic Laboratories			
<b>--- Details ---</b> <b>Waste Code:</b> <b>Waste Description:</b>		312 PATHOLOGICAL WASTES			
<a href="#">16</a>	15 of 16	<b>ESE/104.5</b>	<b>94.0</b>	<b>1458408 Ontario Inc. 331 Sheddon Ave Oakville ON L6J 1X8</b>	<b>GEN</b>
<b>Generator #:</b> <b>Approval Yrs:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON5832458 2009 531120 Lessors of Non-Residential Buildings (except Mini-Warehouses)			
<b>--- Details ---</b> <b>Waste Code:</b> <b>Waste Description:</b>		252 WASTE OILS & LUBRICANTS			
<a href="#">16</a>	16 of 16	<b>ESE/104.5</b>	<b>94.0</b>	<b>1458408 Ontario Inc. 331 Sheddon Avnue Oakville ON</b>	<b>RSC</b>
<b>Date Submitted:</b> <b>Date Acknowledg.:</b> <b>Date Returned:</b> <b>Certification Date:</b> <b>Soil Type:</b> <b>Restoration Type:</b> <b>Registration #:</b> <b>Stratified (Y/N):</b> <b>Criteria:</b> <b>Consultant:</b> <b>District Office:</b> <b>Intended Prop Use:</b> <b>Current Property Use:</b> <b>Certificate Prop Use #:</b> <b>Applicable Standards:</b> <b>Legal Description:</b> <b>Prop. Identification #:</b> <b>Entire legal prop. (y/n):</b> <b>UTM Coordinates:</b> <b>Latitude &amp; Longitude:</b> <b>Accuracy Estimate:</b> <b>Measurement Method:</b> <b>CPU Issued Sect 1686:</b>		14-May-14      213068   Oakville Residential			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<a href="#"><u>17</u></a>	1 of 1	WNW/109.7	97.0	OAKVILLE TOWN SPRUCE ST.REYNOLDS ST. OAKVILLE TOWN ON	CA

**Certificate #:** 3-1414-88-  
**Application Year:** 88  
**Issue Date:** 8/5/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

<a href="#"><u>18</u></a>	1 of 1	NNW/146.8	97.0	367 SPRUCE STREET, OAKVILLE ON	PINC
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**Incident ID:**  
**Tank Status:** RC Established  
**Attribute Category:** FS-Perform P-line Inc Invest  
**Task Number:** 5840352  
**Type:** FS-Pipeline Incident  
**Incident Number:** 1707380  
**Status Code:** Pipeline Damage Reason Est  
**Summary:** 367 SPRUCE STREET, OAKVILLE - PIPELINE HIT - 1/2"  
**Spills Action Centre:**  
**Reported By:** Nick Klip - UNION GAS  
**Affiliation:**  
**Method Details:** E-mail  
**Fuel Category:** Natural Gas  
**Fuel Occurrence Type:**  
**Date of Occurrence:**  
**Occurrence Start Date:** 8/24/2015  
**Health Impact:**  
**Occurrence Desc:**  
**Environment Impact:**  
**Property Damage:** Yes  
**Service Interupt:**  
**Fuel Type:**  
**Enforce Policy:** Yes  
**Operation Type:**  
**Damage Reason:** No notification made to the one call center  
**Public Relation:**  
**Pipeline System:**  
**Pipeline Type:**  
**Depth:**  
**Pipe Material:**  
**Regualtor Location:**  
**PSIG:**  
**Regulator Type:**  
**Notes:**

# Unplottable Summary

Total: **18** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Trafalgar Road Townhouse Development	Trafalgar Road	Oakville ON	
CA		Trafalgar Road	Oakville ON	
CA	HALTON REGION	REYNOLDS ST.	OAKVILLE TOWN ON	
CA		Lot 12 and 13, Concession 3, 'Reynolds Street	Oakville ON	
CA	OAKVILLE TOWN	REYNOLDS ST.	OAKVILLE TOWN ON	
CA		Lot 12 and 13, Concession 3 Reynolds Street	Oakville ON	
CA	The Regional Municipality of Halton	MacDonald Road	Oakville ON	
CA	R.M. OF HALTON	TRAFALGAR RD.	OAKVILLE TOWN ON	
CA	The Regional Municipality of Halton	Trafalgar Rd	Oakville ON	
CA	R.M. OF HALTON	TRAFALGAR RD.	OAKVILLE TOWN ON	
CA		Trafalgar Road	Oakville ON	
CA		Trafalgar Road	Oakville ON	
CA	R.M. OF HALTON	GALT AVENUE	OAKVILLE TOWN ON	
ECA	Dundas - Trafalgar Inc.	Part of Lot 12	Town of Oakville ON	
ECA	Amelia Ann Francis	Galt Ave	Oakville ON	
SPL	UNKNOWN	LAKE ONTARIO VIA STORM SEWER TRAFALGAR ROAD/LAKESHORE ROAD EAST	OAKVILLE TOWN ON	
SPL	PRIVATE OWNER	TRAFALGAR ROAD SOUTH OF BURNHAMTHORPE MOTOR VEHICLE (OPERATING FLUID)	OAKVILLE TOWN ON	

SPL

PRIVATE OWNER

LOWER BASE LINE/TRAFALGAR RD. MOTOR  
VEHICLE (OPERATING FLUID)

OAKVILLE TOWN ON

# Unplottable Report

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

**Database:**  
*CA*

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

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**Site:** *Trafalgar Road Oakville ON*

**Database:**  
*CA*

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

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**Site:** *HALTON REGION*  
*REYNOLDS ST. OAKVILLE TOWN ON*

**Database:**  
*CA*

**Certificate #:** 7-1112-85-866  
**Application Year:** 85  
**Issue Date:** 1/10/86  
**Approval Type:** Municipal water  
**Status:** Received in 1985, Issued in 1986  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *Lot 12 and 13, Concession 3, 'Reynolds Street Oakville ON*

**Database:**  
*CA*

**Certificate #:** 7321-56TQ6P  
**Application Year:** 02  
**Issue Date:** 2/5/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the Regional Municipality of Halton  
**Client Address:** 1151 Bronte Road  
**Client City:** Oakville  
**Client Postal Code:** L6M 3L1  
**Project Description:** This application is for approval to install sanitary sewers on Reynolds Street, Summer Avenue and Ingelhart Street.  
**Contaminants:**  
**Emission Control:**

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**Site:** OAKVILLE TOWN  
REYNOLDS ST. OAKVILLE TOWN ON

**Database:**  
CA

**Certificate #:** 3-1490-85-006  
**Application Year:** 85  
**Issue Date:** 12/20/85  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** Lot 12 and 13, Concession 3 Reynolds Street Oakville ON

**Database:**  
CA

**Certificate #:** 0464-56TPWW  
**Application Year:** 02  
**Issue Date:** 2/4/02  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the Regional Municipality of Halton  
**Client Address:** 1151 Bronte Road  
**Client City:** Oakville  
**Client Postal Code:** L6M 3L1  
**Project Description:** This application is for approval to install watermains on Reynolds Street, Lawson Street, Sheddon Avenue, Palmer Avenue and Summer Avenue  
**Contaminants:**  
**Emission Control:**

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**Site:** The Regional Municipality of Halton  
MacDonald Road Oakville ON

**Database:**  
CA

**Certificate #:** 8242-65HJ8M  
**Application Year:** 2004  
**Issue Date:** 10/7/2004  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**

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

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

**Database:**  
CA

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

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

**Database:**  
CA

**Certificate #:** 9290-74AH77  
**Application Year:** 2007  
**Issue Date:** 6/25/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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

**Database:**  
CA

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

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**Site:** Trafalgar Road Oakville ON

**Database:**  
CA

**Certificate #:** 3206-53FKG3  
**Application Year:** 01

**Issue Date:** 10/15/01  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the Regional Municipality of Halton  
**Client Address:** 1151 Bronte Road  
**Client City:** Oakville  
**Client Postal Code:** L6M 3L1  
**Project Description:** This application is for the construction of watermains on Trafalgar Road.  
**Contaminants:**  
**Emission Control:**

---

**Site:** **Trafalgar Road Oakville ON**

**Database:**  
**CA**

**Certificate #:** 8127-4RXP7  
**Application Year:** 00  
**Issue Date:** 12/21/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Longboat Development (1986) Corporation  
**Client Address:** 228 Lakewood Drive  
**Client City:** Oakville  
**Client Postal Code:** L6K 1B2  
**Project Description:** This is an application for Municipal and Private Sewage Works Certificate of Approval to construct a sanitary sewer.  
**Contaminants:**  
**Emission Control:**

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**Site:** **R.M. OF HALTON  
GALT AVENUE OAKVILLE TOWN ON**

**Database:**  
**CA**

**Certificate #:** 7-1856-87-  
**Application Year:** 87  
**Issue Date:** 12/18/1987  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **Dundas - Trafalgar Inc.  
Part of Lot 12 Town of Oakville ON**

**Database:**  
**ECA**

**Record Type:** ECA  
**PDF URL:** <https://www.accessenvironment.ene.gov.on.ca/instruments/0125-A57PWY-14.pdf>  
**CofA Number:** 5527-A5FJZQ  
**Date:** 2015-12-30  
**Status:** Approved  
**Project Type:** Municipal and Private Sewage Works

---

**Site:** **Amelia Ann Francis  
Galt Ave Oakville ON**

**Database:**  
**ECA**

**Record Type:**

PDF URL:  
CofA Number: 7284-966JDC  
Date: 19-APR-13  
Status: Approved  
Project Type: Municipal and Private Sewage

---

**Site:** UNKNOWN  
LAKE ONTARIO VIA STORM SEWER TRAFALGAR ROAD/LAKESHORE ROAD EAST OAKVILLE TOWN ON

**Database:**  
SPL

Ref NO: 116795  
Contaminant Code:  
Contaminant Name:  
Contaminant Quantity:  
Incident Cause: UNKNOWN  
Incident Dt: 8/5/1995  
Incident Reason: UNKNOWN  
Incident Summary: DIESEL FUEL IN SEWER SYS-TEM,OUTFALL & LAKE ONT. FD, WORKS, SOURCE UNKNOWN  
MOE Reported Dt: 8/5/1995  
Environmental Impact: POSSIBLE  
Nature of Impact: Water course or lake  
Receiving Medium: LAND / WATER  
SAC Action Class:  
Sector Source Type:  
Site Municipality: 14403

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

**Database:**  
SPL

Ref NO: 121269  
Contaminant Code:  
Contaminant Name:  
Contaminant Quantity:  
Incident Cause: OTHER TRANSPORTATION ACCIDENT  
Incident Dt: 11/27/1995  
Incident Reason: ERROR  
Incident Summary: PRIVATE OWNER-40 L OF GASOLINE TO ROAD.  
MOE Reported Dt: 11/27/1995  
Environmental Impact: NOT ANTICIPATED  
Nature of Impact:  
Receiving Medium: LAND  
SAC Action Class:  
Sector Source Type:  
Site Municipality: 14403

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

**Database:**  
SPL

Ref NO: 133636  
Contaminant Code:  
Contaminant Name:  
Contaminant Quantity:  
Incident Cause: OTHER TRANSPORTATION ACCIDENT  
Incident Dt: 10/29/1996  
Incident Reason: UNKNOWN  
Incident Summary: PRIVATE OWNER-20 L DIESEL TO GROUND & DITCH, MVA, FD WILL CLEANUP.  
MOE Reported Dt: 10/29/1996  
Environmental Impact: POSSIBLE  
Nature of Impact: Water course or lake  
Receiving Medium: LAND / WATER  
SAC Action Class:  
Sector Source Type:  
Site Municipality: 14403



# Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " \* " indicates that the database will no longer be updated. See the individual database description for more information.

## **Abandoned Aggregate Inventory:**

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\*

**Government Publication Date: Sept 2002\***

## **Aggregate Inventory:**

Provincial [AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

**Government Publication Date: Up to Mar 2015**

## **Abandoned Mine Information System:**

Provincial [AMIS](#)

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

**Government Publication Date: 1800-Oct 2014**

## **Anderson's Waste Disposal Sites:**

Private [ANDR](#)

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

**Government Publication Date: 1860s-Present**

## **Automobile Wrecking & Supplies:**

Private [AUWR](#)

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

**Government Publication Date: 2001-Jul 2014**

## **Borehole:**

Provincial [BORE](#)

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

**Government Publication Date: 1875-Jul 2014**

## **Certificates of Approval:**

Provincial [CA](#)

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

**Government Publication Date: 1985-Oct 30, 2011\***

**Commercial Fuel Oil Tanks:**

Provincial **CFOT**

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

**Government Publication Date: 1948-Dec 2015**

**Chemical Register:**

Private **CHEM**

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

**Government Publication Date: 1992, 1999-Jul 2014**

**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-Feb 2014**

**Certificates of Property Use:**

Provincial **CPU**

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

**Government Publication Date: 1994-Jan 2016**

**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-Jun 2014**

**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: Feb 29, 2016**

**Environmental Registry:**

Provincial **EBR**

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

**Government Publication Date: 1994-Jan 2016**

**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: Feb 29, 2016**

**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-Aug 2014**

**Environmental Issues Inventory System:**

Federal

[EIS](#)

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 EIS 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](#)

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include 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.

**Government Publication Date: May 31, 2014**

**List of TSSA Expired Facilities:**

Provincial

[EXP](#)

This is a list of all expired facilities that fall under the TSSA (TSSA Act & Safety Regulations), including the six regulations that exist under the Fuels Safety Division. It will include facilities such as private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. These tanks have been removed and automatically fall under the expired facilities inventory held by TSSA.

**Government Publication Date: Current to Nov 2015**

**Federal Convictions:**

Federal

[FCON](#)

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

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal

[FCS](#)

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

**Government Publication Date: June 2000-Oct 2015**

**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-Sept 2003**

**Fuel Storage Tank:**

Provincial

[FST](#)

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

**Government Publication Date: 2010-Nov 2015**

**Fuel Storage Tank - Historic:**

Provincial **FSTH**

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

**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-May 2015**

**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 CO<sub>2</sub> eq).

**Government Publication Date: Dec 31, 2013**

**TSSA Historic Incidents:**

Provincial **HINC**

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal **IAFT**

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

**Government Publication Date: 1950-Aug 2003\***

**TSSA Incidents:**

Provincial **INC**

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

**Government Publication Date: June 2009 - Nov 2015**

**Landfill Inventory Management Ontario:**

Provincial **LIMO**

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: 2012**

**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-Apr 2013**

**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: 1994-2013**

**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-Aug 2010**

**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 Wells:**

Federal [NEBW](#)

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

**Government Publication Date: 1920-Feb 2003\***

**National Environmental Emergencies System (NEES):**

Federal [NEES](#)

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

**Government Publication Date: 1974-2003\***

**National PCB Inventory:**

Federal

NPCB

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

**Government Publication Date: 1988-2008\*****National Pollutant Release Inventory:**

Federal

NPRI

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

**Government Publication Date: Dec 31, 2014****Oil and Gas Wells:**

Private

OGW

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

**Government Publication Date: 1988-2015****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 2015****Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

Provincial

ORD

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

**Government Publication Date: 1994-Jan 2016****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****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 Environment maintains a database of all manufacturers and vendors of registered pesticides.

**Government Publication Date: 1988-Jun 2013****TSSA Pipeline Incidents:**

Provincial

PINC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

**Government Publication Date: Nov 30, 2015**

**Private and Retail Fuel Storage Tanks:**

Provincial **PRT**

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

**Government Publication Date: 1989-1996\***

**Permit to Take Water:**

Provincial **PTTW**

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

**Government Publication Date: 1994-Jan 2016**

**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: 1986-2013**

**Record of Site Condition:**

Provincial **RSC**

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

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2016**

**Retail Fuel Storage Tanks:**

Private **RST**

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

**Government Publication Date: 1999-Jul 2014**

**Scott's Manufacturing Directory:**

Private **SCT**

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

**Government Publication Date: 1992-Mar 2011\***

**Ontario Spills:**

Provincial **SPL**

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

**Government Publication Date: 1988-Jun 2015**

**Wastewater Discharger Registration Database:**

Provincial **SRDS**

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

**Government Publication Date: 1990-2013**

**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-Mar 2007**

**TSSA Variances for Abandonment of Underground Storage Tanks:**

Provincial

[VAR](#)

The TSSA, under the Liquid Fuels Handling Code and the Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, you may apply to seek a variance from this code requirement. This is a list of all variances granted for abandoned tanks.

**Government Publication Date: Current to Nov 2015**

**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: Feb 29, 2016**

**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: 1955-Mar 2014**



# Definitions

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

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

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

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

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

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

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

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

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

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

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

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

## **Appendix F: Municipal Records**

Address	Direction from Phase One Property	Occupant/Year
291 Reynolds St (Oakville)	Phase One Property	No listing (2001, 1995) Halton Board of Education (1990, 1985, 1981) Oakville Trafalgar High School (1975, 1971, 1965) Residential (1960)
327 Reynolds St	Phase One Property	County Interiors & Renovations, Halton Healthcare Services, Milton District Hospital, State Group, Work Fitness Plus Physiotherapy Clinic (2001 ) Ellis Don Construction, Guild Electric Limited, Hospital Life Safety System Inc, Oakville Medical Society, Oakville Trafalgar Memorial Hospital, Work Fitness Plus Community Clinic (1995) Black John Hospital, Oakville Emergency Service Inc. (1990, 1985, 1981) Oakville Trafalgar Memorial Hospital (1975, 1971, 1965) No listing (1960)
348 Allan St	Phase One Property	No listing (2001, 1995, 1990, 1985, 1981, 1975, 1971, 1965, 1960)
220-412 Douglas Ave	East Neighbouring	Residential (2001, 1995, 1990, 1985, 1981, 1975, 1971, 1965, 1960)
360-400 Galt Ave	East Neighbouring	Residential (2001, 1995, 1990, 1985, 1981, 1975, 1971, 1965, 1960)
260-290 Lawson St	West Neighbouring	Residential (2001, 1995, 1990, 1985, 1981) No listing (1975, 1971, 1965, 1960)
257-400 MacDonald Rd	North Adjacent	Residential/commercial (2001, 1995, 1990, 1985, 1981) Residential (1975, 1971, 1965, 1960)
220-395 Reynold St	West Adjacent	Residential / light commercial (2001, 1995, 1990, 1985, 1981, 1975, 1971, 1965, 1960)
337 Trafalgar Rd	West Neighbouring	Mac Laghlan College and Prep School (2001, 2995, 1990, 1985) Residential (1981, 1975, 1971, 1965, 1960)
339 Trafalgar Rd	West Neighbouring	No listing (2001, 1995, 1990, 1985, 1971, 1965, 1960) Residential (1981, 1975)

\*No city directories available for review prior to 1960

## **Appendix G: Other Government Records**

Ministry of the Environment  
 Freedom of Information and Protection of Privacy Office  
 40 St. Clair Avenue West, 12<sup>th</sup> Floor  
 Toronto, ON M4V 1M2  
 Tel: 416-314-4075  
 Fax: 416-314-4285



Use this form to request records that are in the Ministry's files on environmental concerns related to properties.  
 Please refer to the guide on the completion and use of this form. Our fax no. is 416-314-4285.

Requester Data			For Ministry Use Only						
Name, Title, Company Name and Mailing Address of Requester  Ms. Jaclyn Hart Environmental Technician exp Services Inc. 80 Bancroft Street Hamilton, Ontario L8E 2W5      Email: jaclyn.hart@exp.com			FOI Request No.		Date Request Received				
			Fee Paid						
Tel: (905) 573-4000      Your Project/ Reference No. <b>BRM-00235695-A0</b> Fax: (905) 573-9693			Signature of Requester <i>J. Hart</i>		CNR	ER	NOR	SWR	WCR
					ORDER				
			IEB	EAA	EMR	SCB	SDW		
<b>Request Parameters</b>									
Municipal Address/Lot, Concession, Geographic Township (Municipal address mandatory for cities, towns or regions) <b>327 &amp; 291 Reynolds Street, 348 Allan Street, Oakville, Ontario (one site, same owner)</b>									
Present Property Owner(s) and Date(s) of Ownership The Town of Oakville									
Previous Property Owner(s) and Date(s) of Ownership									
Present/Previous Tenant(s) (if applicable)									
<b>Search Parameters</b> Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.								<b>Specify Year(s) Requested</b>	
Environmental concerns (General correspondence, occurrence reports, abatement)								All years	
Orders								All years	
Spills								All years	
Investigations/prosecutions ▶ <i>Owner and tenant information must be provided</i>								All years	
Waste Generator number/classes								All years	
<b>Certificates of Approval</b> ▶ Proponent information must be provided and Certificates of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of \$300.00 may be incurred, depending on the types and years of records to be searched. If supporting documents are also required, mark SD box.									
								SD	Specify Year(s) Requested
Air - emissions									
Renewable Energy									
Water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)									
Sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations									
Waste water - industrial discharge									
Waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites									
Waste systems		- haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction							



Ministry of the Environment  
and Climate Change

Ministère de l'Environnement et de  
l'Action en matière de changement  
climatique

Freedom of Information and  
Protection of Privacy Office

Bureau de l'accès à l'information et  
de la protection de la vie privée

12<sup>th</sup> Floor  
40 St. Clair Avenue West  
Toronto ON M4V 1M2  
Tel: (416) 314-4075  
Fax: (416) 314-4285

12<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél.: (416) 314-4075  
Télééc.: (416) 314-4285

September 21, 2016

Jaclyn Hart  
exp Services Inc.  
80 Bancroft St.  
Hamilton, ON L8E 2W5

Dear Jaclyn Hart:

RE: **Freedom of Information and Protection of Privacy Act Request**  
**Our File # A-2016-05879, Your Reference BRM000235695-A0**

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of \$5.00 (non-refundable application fee), along with your \$30.00 deposit.

**The search is being conducted on the following: 327 & 291 Reynolds St and 348 Allan St, Oakville. If there is any discrepancy please contact us immediately.**

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search, copying and preparation time.

If you have any questions regarding this matter, please contact Meagan Caschera at meagan.caschera@ontario.ca.

Yours truly,

Tracey Goodwin  
FOI Manager (A)

MOE-INFO MGMT & ACC<sup>ORD</sup>  
 40 ST. CLAIR AVENUE W  
 TORONTO M4V 1M2  
 TORONTO 541  
 <016454151

PURCHASE  
 09-21-2016  
 Acct # \*\*\*\*\*  
 Exp Date \*\*/\*\* 09:14:06  
 Name: \*\*\*\*\*9011 M  
 Card Type VI

Trace # 6439  
 Inv. # 6596  
 Auth # 442607  
 RRRN 001004717

Total \$879 \$35.00

Retain this copy for your records  
 Customer copy

## Jaclyn Hart

---

**From:** Prem Lal <plal@tssa.org> on behalf of Public Information Services <publicinformationservices@tssa.org>  
**Sent:** September-18-16 12:05 PM  
**To:** Jaclyn Hart  
**Subject:** RE: Tank Search

Hi Jaclyn:

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives please submit your request in writing to Public Information Services via e-mail ([publicinformationservices@tssa.org](mailto:publicinformationservices@tssa.org)) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Thank you.

Prem



**Prem Lal | Public Information Coordinator**

Facilities and Business Services

Tel: +1-416-734-3570 | Fax: +1-416-734-3568 | E-Mail: [plal@tssa.org](mailto:plal@tssa.org)

[www.tssa.org](http://www.tssa.org)



---

**From:** Jaclyn Hart [mailto:Jaclyn.Hart@exp.com]

**Sent:** Friday, September 16, 2016 3:18 PM

**To:** Public Information Services

**Subject:** Tank Search

Hello,

Could you please complete a tank search for the following properties in Oakville, Ontario:

- 265 Reynolds Street
- 291 Reynolds Street
- 327 Reynolds Street
- 358 Reynolds Street
- 348 Allan Street
- 331 Reynolds Street
- 362 Galt Avenue

- 363 Galt Avenue
- 362 Macdonald Road
- 351 Macdonald Road

Thank you,

Jaclyn



**Jaclyn Hart, B.ES**

Environmental Technician

**exp** Services Inc.

t: 905-573-4000 x.5010 | f: 905-573-9693

80 Bancroft Street

Hamilton, ON L8E 2W5

[exp.com](http://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.



## **Appendix H: Aerial Photographs**



**Legend**

 Site Boundary



**exp Services Inc.**  
 1595 CLARK BOULEVARD  
 BRAMPTON, ONTARIO  
 L6T 4V1  
 T - (905) 793-9800  
 F - (905) 793-0641


PROJECT TITLE:  
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
 FORMER OAKVILLE HOSPITAL LANDS  
 OAKVILLE, ONTARIO

DRAWING TITLE:  
 1934 AERIAL PHOTOGRAPH

PROJECT No.:	BRM-00235695-A0	DWN:	EE
SCALE:	AS NOTED	CHKD:	NB
DATE:	SEPTEMBER 2016	FIG. No.:	H1



**Legend**

 Site Boundary



**exp Services Inc.**  
 1595 CLARK BOULEVARD  
 BRAMPTON, ONTARIO  
 L6T 4V1  
 T - (905) 793-9800  
 F - (905) 793-0641

**PROJECT TITLE:**

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
 FORMER OAKVILLE HOSPITAL LANDS  
 OAKVILLE, ONTARIO

**DRAWING TITLE:**

1960 AERIAL PHOTOGRAPH

PROJECT No.:	BRM-00235695-A0	DWN:	EE
SCALE:	AS NOTED	CHKD:	NB
DATE:	SEPTEMBER 2016	FIG. No.:	H2



**Legend**

 Site Boundary



**exp Services Inc.**  
 1595 CLARK BOULEVARD  
 BRAMPTON, ONTARIO  
 L6T 4V1  
 T - (905) 793-9800  
 F - (905) 793-0641

**PROJECT TITLE:**

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
 FORMER OAKVILLE HOSPITAL LANDS  
 OAKVILLE, ONTARIO

**DRAWING TITLE:**

1974 AERIAL PHOTOGRAPH

PROJECT No.:	BRM-00235695-A0	DWN:	EE
SCALE:	AS NOTED	CHKD:	NB
DATE:	SEPTEMBER 2016	FIG. No.:	H3



**Legend**

[ ] Site Boundary



**exp Services Inc.**

1595 CLARK BOULEVARD  
BRAMPTON, ONTARIO  
L6T 4V1  
T - (905) 793-9800  
F - (905) 793-0641

**PROJECT TITLE:**

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
FORMER OAKVILLE HOSPITAL LANDS  
OAKVILLE, ONTARIO


**DRAWING TITLE:**

1988 AERIAL PHOTOGRAPH

PROJECT No.:	BRM-00235695-A0	DWN:	EE
SCALE:	AS NOTED	CHKD:	NB
DATE:	SEPTEMBER 2016	FIG. No.:	H4



**Legend**

 Site Boundary



**exp Services Inc.**  
 1595 CLARK BOULEVARD  
 BRAMPTON, ONTARIO  
 L6T 4V1  
 T - (905) 793-9800  
 F - (905) 793-0641


PROJECT TITLE:  
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
 FORMER OAKVILLE HOSPITAL LANDS  
 OAKVILLE, ONTARIO

DRAWING TITLE:  
 1999 AERIAL PHOTOGRAPH

PROJECT No.:	BRM-00235695-A0	DWN:	EE
SCALE:	AS NOTED	CHKD:	NB
DATE:	SEPTEMBER 2016	FIG. No.:	H5



**Legend**

 Site Boundary



**exp Services Inc.**  
 1595 CLARK BOULEVARD  
 BRAMPTON, ONTARIO  
 L6T 4V1  
 T - (905) 793-9800  
 F - (905) 793-0641

**PROJECT TITLE:**

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
 FORMER OAKVILLE HOSPITAL LANDS  
 OAKVILLE, ONTARIO

**DRAWING TITLE:**

2015 AERIAL PHOTOGRAPH

PROJECT No.:	BRM-00235695-A0	DWN:	EE
SCALE:	AS NOTED	CHKD:	NB
DATE:	SEPTEMBER 2016	FIG. No.:	H6

## Appendix I: Site Photographs





Photo 1: View of the interior of the former hospital building.



Photo 2: View of an office in the Helen Lawson building.



Photo 3: View of the emergency entrance of the former hospital building.



Photo 4: View of the water treatment system located in the basement of the former hospital.



Photo 5: View of one of the natural gas fired boilers located in the boiler room of the former hospital.



Photo 6: View of the diesel AST located in the diesel generator room of the former hospital.



exp Services Inc.  
80 Bancroft Street  
Hamilton, Ontario  
L8E 2W5  
T: 905-573-4000  
F: 905-573-9693

**SITE  
PHOTOGRAPHS**

PROJ. NO: BRM-00235695-A0

Phase One ESA  
327 and 291 Reynolds Street,  
348 Allan Street  
Oakville, Ontario

SCALE: AS SHOWN

DRAWN: JH

CHECKED: JC

FIGURE

A1

SEPT 2016



Photo 7: View of the south side of the former hospital building (facing north).



Photo 8: View of the west portion of the former hospital building showing the smoke stack/chimney (facing NE).



Photo 9: View of the west side of the parking garage (facing east).



Photo 10: View of the west side of the former school building (facing southeast).



Photo 11: View of the fill and vent pipes observed on the former school building (east side of building).



Photo 12: View of the former Helen Lawson building and parking area (facing east).



exp Services Inc.  
80 Bancroft Street  
Hamilton, Ontario  
L8E 2W5  
T: 905-573-4000  
F: 905-573-9693

**SITE  
PHOTOGRAPHS**

PROJ. NO: BRM-00235695-A0

Phase One ESA  
327 and 291 Reynolds Street,  
348 Allan Street  
Oakville, Ontario

SCALE: AS SHOWN

DRAWN: JH

CHECKED: JC

FIGURE

A2

SEPT 2016



Photo 13: View of the USTs located at the northwest corner of the Site property).



Photo 14: View of the chemical storage tank located at the western portion of the former hospital building exterior.



Photo 15: View of smoke stack / chimney located on the northwest portion of the former hospital building.



Photo 16: View of the interior of the parking garage located in the central portion of the Site property.



Photo 17: View of the PCB storage area located west of the former Helen Lawson building.



Photo 18: View of the north side of the parking garage and parking area (facing south).



exp Services Inc.  
80 Bancroft Street  
Hamilton, Ontario  
L8E 2W5  
T: 905-573-4000  
F: 905-573-9693

**SITE  
PHOTOGRAPHS**

PROJ. NO: BRM-00235695-A0

Phase One ESA  
327 and 291 Reynolds Street,  
348 Allan Street  
Oakville, Ontario

SCALE: AS SHOWN

DRAWN: JH

CHECKED: JC

FIGURE

A3

SEPT 2016

**Appendix J:  
Phase One Conceptual Site Model  
(text)**



## Phase One ESA Conceptual Site Model- 327 and 291 Reynolds Street, 348 Allan Street, Oakville, ON

This section presents the Phase One Conceptual Site Model (P1CSM), as it relates to the Site designated as 327 and 291 Reynolds Street and 348 Allan Street, 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 of the Environment and Climate Change (MOECC)

### 1.1 Introduction

The Site, known as 327 Reynolds Street, 291 Reynolds Street and 348 Allan Street, is situated on the east side of Reynolds Street and the west side of Allan Street, in Oakville, Ontario (Figures 1 and 2). The Site measures approximately 5.7 hectares (14 acres). At the time of the Site visit, the Site was occupied multiple buildings including the former Oakville Trafalgar Memorial Hospital, the Helen Lawson building, a multi-level parking garage and a vacant former school building.

Refer to Table 1 for the Site identification information.

**Table 1:** Site Identification Information

<b>Civic Address</b>	327 Reynolds Street, Oakville, ON
<b>Current Land Use</b>	Institutional
<b>Proposed Land Use</b>	Residential (north portion of Site) Community Centre and Parkland Uses (south portion of Site)
<b>Legal Description</b>	Part Of Park Lots H, P, Q, R, S, T, U & V, Plan 1, And Part Of Lawson Street, Plan 1, Closed By By-law 642592 Designated As Parts 1, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27 & 28, 20r-20164 And Parts 11, 12 & 13, 20r-14568; S/t 650174; S/t 685689 Together With An Easement Over Parts 3 & 6, 20r-20164 As In Hr1287336 Subject To An Easement Over Parts 9, 14, 21, 22, 20r-20164 In Favour Of Parts 2 To 7, 20r-20164 As In Hr1287336 Subject To An Easement Over Part 28, 20r-20164 In Favour Of Parts 2 To 7, 20r-20164 As In Hr1287336 Subject To An Easement Over Parts 12, 14, 15, 18, 24, 20r-20164 In Favour Of Parts 2 To 7, 20r-20164 As In Hr1287336 Subject To An Easement Over Parts 9, 10, 26, 20r-20164 In Favour Of Parts 2 To 7, 20r-20164 As In Hr1287336 Subject To An Easement Over Parts 9, 17, 18, 19, 20r-20164 In Favour Of Parts 2 To 7, 20r-20164 As In Hr1287336 Subject To An Easement In Gross Over Parts 9, 10, 26 20r-20164 As In Hr1285154 Subject To An Easement In Gross Over Parts 12, 14, 15, 18, 24, 20r-20164 As In Hr1285778 Town Of Oakville
<b>Property Identification Number (PIN)</b>	248080073
<b>Assessment Roll Number (ARN)</b>	South side: 240104005005400 North side: 240104005006300
<b>Universal Transverse Mercator (UTM) coordinates</b>	Zone 17, 607360E 4812027N
<b>Site Area</b>	5.7 hectares (14 acres)
<b>Property Owners, Owner Contact and Address</b>	The Town of Oakville 1225 Trafalgar Road Oakville, ON L6H 0H3

## 1.2 Background

At the time of the Site visit, the Site was occupied by multiple buildings including the former Oakville Trafalgar Memorial Hospital, the Helen Lawson building, a multi-level parking garage and a vacant former school building.

A review of the historical records indicated that 327 Reynolds Street, the hospital building, has occupied the Site since the late 1940s with additions constructed between 1950 and early 2000s. The multi-level parking garage located at 327 Reynolds Street was constructed in the late 1970s on the central portion of the Site. The former school building located at 291 Reynolds Street, has occupied the Site as Oakville Trafalgar High School since 1908 with additions constructed in the 1950s. Additions were demolished in the late 1990s and only the original building remains on-Site. The Helen Lawson building, located at 348 Allan Street, was constructed in the 1960s and the building footprint remains unchanged.

Asphalt parking lots surround the Site buildings with landscaped areas throughout the Site.

## 1.3 Geological and Hydrogeological Conditions

The Site is located in the physiographic region characterized by Shale Plain. The surficial geology of the Site and surrounding areas are comprised of lacustrine and outwash sand. South of the Site surrounding Sixteen Mile Creek is comprised of bedrock (shale and dolomite). The bedrock in the general area was part of a group belonging to the Georgian Bay Formation, Blue Mountain Formation, Billings Formation, Collingwood Member and Eastview Member consisting of shale, limestone, dolostone and siltstone. According to previous environmental reports, the depth to bedrock for the Site was encountered between 3.7 to 6.7 m below ground surface (bgs).

A review of the Ontario Base Mapping indicated that the Site was situated in the Town of Oakville. According to the topographic map from Natural Resources of Canada (Toporama), the elevation of the Phase One study area is consistent across the Site. The elevation in the Phase One study area generally decreases towards the south and west.

Based on the information provided on the topographic map, regional groundwater is expected to flow to the south / southwest.

Based on a review of available resources from the Ministry of Natural Resources, MOE, no areas of natural significance were identified at the Site or within the Phase One ESA study area.

According to the Town of Oakville's mapping system, Sixteen Mile Creek is considered a natural feature but is not classified as a Provincially Significant Wetland

## 1.4 Previous Investigations

Several reports were available for review regarding the history and previous environmental investigations at the Site.

The previous environmental investigations included a Phase One ESA by Peto MacCallum Ltd. in January 2013 and a Phase One ESA by WSP in March 2015 (revised July 19, 2016).

Based on the findings of the Phase One ESA, a Phase Two ESA was required prior to filing a Record of Site Condition.

## 1.5 Underground Utilities

Potable water is provided to the hospital building and Helen Lawson building through the municipal water distribution system and sanitary wastewater is discharged to the municipal sewer system. Electrical services to the hospital building and Helen Lawson building is supplied by local Hydro.

The former school building was not accessible at the time of the Site reconnaissance; it is likely the services have been disconnected.

A natural gas line is situated at the northwest corner of the Site building (former hospital), along the west side of the building.

Cable and bell lines are situated within the asphalt parking south of the former hospital building and west of the parking garage. Bell lines are also situated in the asphalt parking areas south of the parking garage and east of the former school.

Overhead hydro was also observed along Reynolds Street (west side of Site).

A review of the historical information and previous reports indicated that an underground steam distribution piping tunnel connects the former hospital building and Lawson Building.

Given that underground utilities are located on the Site, there is the potential for the distribution and transport of contaminants via the underground utilities.

## 1.6 Potentially Contaminating Activities and Areas of Potential Environmental Concern:

Refer to Table 2 and Figure 2A for the list of potentially contaminating activities (PCAs) that have occurred within the Phase One Study Area, which includes the Site and properties within 250 m radius of the Site boundaries.

**Table 2:** Potentially Contaminating Activities

PCA Identifier	Address	Location of Activity (in relation to Site) <sup>(1)</sup>	Potentially Contaminating Activity (PCA) <sup>(2)</sup>	Approximate timeline that PCA occurred	Contributes to APEC (Yes or No)?
1	327 Reynolds Street	On-Site	28: Gasoline and Associate Products Storage in Fixed Tank	At the time of the Site visit, two (2) access points for the underground storage tanks were observed on the west side of the building addressed as 327 Reynolds Street.  A review of the previous Phase I ESA completed in 2013 indicated that two (2) 15,000 gallon (56,800 L) fuel oil single walled USTs were installed in 1978 to replace the former USTs (from 1950s).	Yes (PCA located on-Site)
2	327 Reynolds Street	On-Site	28: Gasoline and Associate Products Storage in Fixed Tank	A review of the 1967 FIP indicated that two (2) 10,000-gallon (45,460 L) underground oil storage tanks were located west of the boiler room (northwest corner of the current building). According to the Phase I ESA completed in 2013, a review of the FIPs indicated that the former USTs were located approximately 5 to 10 metres (m) east (south) of the existing USTs. A closer review by exp indicated that the tanks are approximately 15 to 20 m south of the existing tank nests.	Yes (PCA located on-Site)
3	327 Reynolds Street	On-Site	30: Importation of Fill Material of Unknown Quality	Given that the former USTs from 1950s were replaced in 1978 in an area north of the former tanks, there is the potential for the presence of fill material in the area of the former USTs.  The Phase I ESA completed in 2013 included a review of a subsurface investigation program from 2007 which was completed near the fuel oil USTs. The scope included three (3) boreholes in the vicinity of the fuel oil USTs. The boreholes indicated fill material to 0.9 to 1.2 m below ground surface (bgs). The analytical results indicated that the soil samples submitted for BTEX, PHCs and PAHs were below the 2004 MOE Table 3 SCS. Groundwater was encountered in the well between 2.35 and 3.06 m, however groundwater was not sampled. Boreholes could not be completed east and north of the tank nest due to buried pipes, gas line and other structures.	Yes (PCA located on-Site)



PCA Identifier	Address	Location of Activity (in relation to Site) <sup>(1)</sup>	Potentially Contaminating Activity (PCA) <sup>(2)</sup>	Approximate timeline that PCA occurred	Contributes to APEC (Yes or No)?
4	327 Reynolds Street	On-Site	8: Chemical Manufacturing, Processing and Bulk Storage	A review of the previous Phase I ESA from 2013 indicated that a collection pit storage tank from the chemical storage room is located west of the former hospital building (southwest corner). At the time of the Site visit, the collection tank was observed on the west side of the Site building. The tank / vessel could not be examined at the time of the Site visit.	Yes (PCA located on-Site)
5	327 Reynolds Street	On-Site	Not listed: PCB storage Site	<p>According to the EcologERIS report, the former hospital was listed as a PCB storage Site for drums with ballasts, capacitors and other materials from 1995 to 2003. Transformers were listed as a PCB containing item. An entry from 1996 indicates that PCB is stored for disposal.</p> <p>A review of the Phase I ESA completed in 2013 indicated that information provided by the Site representative indicated that a PCB storage Site existed directly west of the Helen Lawson Building (348 Allen Street), within the wood enclosure. The report also included a review of a Decommissioning PCB storage site document for the Site.</p>	Yes (PCA located on-Site)
6	327 Reynolds Street	On-Site	28: Gasoline and Associate Products Storage in Fixed Tank	A review of the Phase I ESA completed in 2013 indicated that based on observations at the time of the Site visit and information from the interview, a UST was located on the east side of the Site building. Reportedly, the tank was installed as a holding container for waste water from de-contamination associated with hospital operations. However, according to operations staff, the tank was never used.	Yes (PCA located on-Site)
7	327 Reynolds Street	On-Site	28: Gasoline and Associate Products Storage in Fixed Tank	The Phase I ESA completed in 2013 included a review of a Phase I ESA completed in 1998. This report indicated that two (2) fuel oil "day tanks" with secondary containment exist in the plant mechanical room area (installed approximately 2005 to 2006). At the time of the Site visit, one (1) AST was observed in the mechanical room of the former Oakville Hospital.	Yes (PCA located on-Site)
8	327 Reynolds Street	On-Site	58: Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners	A review of the EcologERIS report indicated that the former hospital located at 327 Reynolds Street was listed as a registered waste generator of various waste streams including acid waste- heavy metals, halogenated solvents, waste oils & lubricants, aromatic solvents and PCBs from 1986 to 2015.	Yes (PCA located on-Site)

PCA Identifier	Address	Location of Activity (in relation to Site) <sup>(1)</sup>	Potentially Contaminating Activity (PCA) <sup>(2)</sup>	Approximate timeline that PCA occurred	Contributes to APEC (Yes or No)?
9	291 Reynolds Street	On-Site	28: Gasoline and Associate Products Storage in Fixed Tank	A review of the previous Phase I ESA completed in 2013 indicated that a former fuel tank was located at the Oakville Trafalgar High School (south portion of Site). Reportedly piping was observed on the north side (exp identifies as east side) of the building. The presence of pipes was confirmed at the time of exp's Site visit.	Yes (PCA located on-Site)
10	291 Reynolds Street	On-Site	28: Gasoline and Associate Products Storage in Fixed Tank	At the time of the Site visit a set of fill and vent pipes were observed on the west side of the former school building. The fill and vent pipes are likely associated with an AST inside the Site building.	Yes (PCA located on-Site)
11	291 Reynolds Street	On-Site	58: Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners	A review of the EcologERIS report indicated that the Oakville Trafalgar High School / Halton Board of Education was listed as a registered waste generator of various waste streams including aromatic solvents, petroleum distillates, oil skimmings and sludges, waste oils and lubricants from 1986 to 1998.	Yes (PCA located on-Site)
12	291 Reynolds Street	On-Site	30: Importation of Fill Material of Unknown Quality	A review of the 1967 FIP indicated that the south portion of the Site was formerly occupied by a larger building (Oakville Trafalgar High School). Based on historical review, the majority of the building was demolished in 1999 / 2001. There is the potential that the basements were backfilled with fill material.	Yes (PCA located on-Site)
13	291 Reynolds Street	On-Site	Not listed: Former shop class area	A review of the 1967 FIP indicated that the south portion of the Site was formerly occupied by a larger building (Oakville Trafalgar High School). This included a "shop" area at the north portion of the Site.	Yes (PCA located on-Site)
14	Entire Site (asphalt paved)	On-Site	Not listed- Application of de-icing salts	Application of de-icing salts was likely applied to the asphalt covered surfaces of the Site.	Yes (PCA located on-Site)
15	Entire Site (asphalt paved)	On-Site	30: Importation of Fill Material of Unknown Quality	According to WSP, there is the potential for fill material to have been placed on the Site during original construction.	Yes (PCA located on-Site)
16	327 Reynolds Street	On-Site	8: Chemical Manufacturing, Processing and Bulk Storage	At the time of the Site visit three (3) manholes were observed on the west portion of the former hospital building in the footprint area of the former USTs. This appears to be associated with a brine tank (signage for brine tank observed inside the building).	Yes (PCA located on-Site)

<b>PCA Identifier</b>	<b>Address</b>	<b>Location of Activity (in relation to Site)<sup>(1)</sup></b>	<b>Potentially Contaminating Activity (PCA)<sup>(2)</sup></b>	<b>Approximate timeline that PCA occurred</b>	<b>Contributes to APEC (Yes or No)?</b>
17	327 Reynolds Street	On-Site	Not listed – presence of smoke stack / chimney	At the time of the Site visit, a smoke stack / chimney was observed on the northwestern portion of the former hospital building. It is possible the smoke stack / chimney is associated with a former incinerator.	Yes (PCA located on-Site)
18	358 Reynolds	Off-Site (west)	Not listed: Spill incident	According to the EcologERIS report, a spill incident occurred at 358 Reynolds Street in December 2012 for fuel oil from UST leak.	Yes (PCA close proximity to Site)
19	338 Douglas Avenue	Off-Site (east)	28: Gasoline and Associate Products Storage in Fixed Tank	A review of the Ecolog ERIS report indicated the property at 338 Douglas Avenue, approximately 100 m east of the Site, was listed in the commercial fuel oil tank database with an active 2000 L fuel oil tank.	No (PCA too distant from 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 evaluation of the PCAs located within the Phase One Study Area, the following areas of potential environmental concern (APECs) were identified, as presented in Table 3 and Figure 4.

**Table 3:** Areas of Potential Environmental Concern

Area of Potential Environmental Concern (APEC) <sup>(1)</sup>	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA) <sup>(2)</sup>	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern <sup>(3)</sup>	Media Potentially Impacted (Groundwater, soil and/or sediment)
<b>APEC 1:</b> Presence of two (2) underground storage tanks on west side of building addressed as 327 Reynolds St.	Northwest corner of Site	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater
<b>APEC 2:</b> Two (2) former fuel oil USTs on west side of building addressed as 327 Reynolds St.	Northwest corner of Site	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater
<b>APEC 3:</b> Potential poor fill quality in area of former fuel oil USTs	Northwest corner of Site	30: Importation of Fill Material of Unknown Quality	On-Site	Metals	Soil
<b>APEC 4:</b> Presence of collection pit storage tank west of the building addressed as 327 Reynolds St	West side of Site	8: Chemical Manufacturing, Processing and Bulk Storage	On-Site	PHCs, BTEX, Metals	Soil and Groundwater
<b>APEC 5:</b> Former PCB storage site listing for 327 Reynolds St.	Northeast corner of Site	Not listed: PCB storage Site	On-Site	PCBs	Soil
<b>APEC 6:</b> Presence of underground storage tank / collection tank on east side of building	Mid-portion of Site	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater

Area of Potential Environmental Concern (APEC) <sup>(1)</sup>	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA) <sup>(2)</sup>	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern <sup>(3)</sup>	Media Potentially Impacted (Groundwater, soil and/or sediment)
addressed as 327 Reynolds St					
<b>APEC 7:</b> Presence of diesel AST in the mechanical room.	West portion of Site	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater
<b>APEC 8:</b> Registered waste generator of various waste streams including halogenated solvents	Northwest portion of Site	58: Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners	On-Site	PHCs, BTEX VOCs MET & ING	Soil and Groundwater
<b>APEC 9:</b> Potential presence of fuel tank at former high school (presence of fill pipe, east side- 291 Reynolds St)	Southwest portion of Site (east side of building)	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater
<b>APEC 10:</b> Potential presence of fuel tank at former high school (presence of fill pipe, west side- 291 Reynolds St)	Southwest portion of Site (west side of building)	28: Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs, BTEX	Soil and Groundwater

Area of Potential Environmental Concern (APEC) <sup>(1)</sup>	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA) <sup>(2)</sup>	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern <sup>(3)</sup>	Media Potentially Impacted (Groundwater, soil and/or sediment)
<b>APEC 11:</b> Registered waste generator of various waste streams including halogenated solvents (Oakville High School, 291 Reynolds St)	Southwest portion of Site	58: Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners	On-Site	PHCs, BTEX VOCs MET & ING	Soil and Groundwater
<b>APEC 12:</b> Potential presence of fill material in area of former building footprint (Oakville High School, 291 Reynolds St)	Southwest portion of Site	30: Importation of Fill Material of Unknown Quality	On-Site	MET PAHs	Soil
<b>APEC 13:</b> Former shop class area associated with former Oakville High School	Southwest corner of Site	Not listed: Former shop class area	On-Site	PHCs, BTEX	Soil
<b>APEC 14:</b> Application of de-icing salts on asphalt covered surfaces on Site	Entire Site (only asphalt covered surfaces)	Not listed: Application of de-icing salts	On-Site	EC, SAR (Soil) Na, Cl (Groundwater)	Soil and Groundwater
<b>APEC 15:</b> Potential presence of fill material	Entire Site (only asphalt covered surfaces)	30: Importation of Fill Material of Unknown Quality	On-Site	MET PAHs	Soil
<b>APEC 16:</b> Presence of brine UST on west side of former Hospital building	West portion of Site	8: Chemical Manufacturing, Processing and Bulk Storage	On-Site	EC, SAR (Soil) Na, Cl (Groundwater)	Soil and Groundwater

Area of Potential Environmental Concern (APEC) <sup>(1)</sup>	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA) <sup>(2)</sup>	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern <sup>(3)</sup>	Media Potentially Impacted (Groundwater, soil and/or sediment)
<b>APEC 17:</b> Presence of smoke stack / chimney on Site building	Landscaped areas of the Site	Not listed – presence of smoke stack / chimney	On-Site	PAHs Metals	Soil
<b>APEC 18:</b> Spill incident from off-Site UST (west of Site- 358 Reynolds)	Off-Site (west)	Not listed: Spill incident	Off-Site	PHCs, BTEX VOCs	Groundwater

(1) 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.

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