



February 2016

## REPORT ON

# Phase One Environmental Site Assessment 404 Eden Avenue Ottawa, Ontario

**Submitted to:**  
404 Eden Ltd.  
5689 Power Road  
Ottawa, Ontario  
K1G 3N4

REPORT



**Report Number:** 1650401-1000

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## Executive Summary

*The Executive Summary highlights key points from the report only; for complete information and findings, as well as the limitations, the reader should examine the complete report.*

Golder Associates Ltd. (“Golder”) was retained by 404 Eden Ltd. (“Eden”) to conduct a Phase One Environmental Site Assessment (“Phase One ESA”) of the property located at 404 Eden Avenue, Ottawa, Ontario (herein after referred to as the “Site” or “Phase One Property”) as shown on Figures 1 and 2. Site north is defined as Eden Avenue having a north-south axis. At the time of the Site reconnaissance, conducted on February 3, 2016, the Site consisted of a 874 m<sup>2</sup> (0.09 hectare) parcel of residential land occupied by a two-storey residential building with one basement level and an attached parking garage, two small storage sheds, a paved driveway and a snow covered backyard.

It is understood that the Phase One Property is to be redeveloped with a condominium with four storeys and a single basement level. The Site is owned by 404 Eden Ltd.

The Phase One ESA was completed in accordance with Ontario Regulation (O. Reg. 153/04) as amended and included a review of available current and historical information regarding the Site and surrounding properties, a Site reconnaissance, interviews, evaluation of readily available information, and reporting, subject to the limitations outlined in Section 10.0 of this report. Given that the Site is developed as a residential property, the Site is not considered an enhanced investigation property as defined by O. Reg. 153/04. There is no change in land use proposed; therefore the Phase I ESA has not been completed to support a Record of Site Condition.

Based on the information obtained as part of this Phase One ESA, the following PCAs were identified within the Phase One Study Area:

Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Property	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks</b> – Former presence of a fuel oil AST on the Site.	Site observations and Site Representative	The PCA is located on the Phase One Property. However, given that the AST was located on a concrete basement floor in the residential building and that there is no evidence of spill or leaks, it is not considered to represent an APEC on the Site.
Phase One Study Area	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks and #10. Commercial Autobody Shops</b> – Former presence of a retail fuel outlet/automotive garage with four fuel USTs and current presence of an automotive garage located approximately 45 m north of the Site at 319 Richmond Road.	FIPs, City Directories, Ecolog ERIS report, TSSA, City of Ottawa HLUI, aerial photographs and Site observations	Given that this facility located hydraulically down-gradient with respect to the Site and was separated from the Site by 45 m including Richmond Road and its underlying services, it is not considered to be a PCA that will result in an APEC on the Site.



## PHASE ONE ESA – 404 EDEN AVENUE OTTAWA, ONTARIO

Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Study Area	<b>#10. Commercial Autobody Shops</b> – Former presence of an automotive garage with two associated fuel USTs located at 298 Richmond Road (formerly 298 to 300 Richmond Road); approximately 20 m northeast of the Site.	FIPs, City Directories and City of Ottawa HLUI	Given that this facility was located hydraulically down and cross-gradient with respect to the Site and was separated from the Site by Eden Avenue and its underlying services, it is not considered to be a PCA that will result in an APEC on the Site.
	<b>#10. Commercial Autobody Shops</b> – Former presence of an automotive garage located at 277 Richmond Road; approximately 125 m northeast of the Site.	FIPs and City of Ottawa HLUI	Given the distance and amount of infrastructure between the Site and this facility and that it was located hydraulically down and cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.
	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks</b> – Former presence of a retail fuel outlet with one fuel UST located approximately 200 m northeast of the Site at 255 Richmond Road.	FIPs	Given the distance and amount of infrastructure between the Site and this facility and that it was located hydraulically down and cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.
	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks</b> – Current presence of a retail fuel outlet and associated fuel USTs located at 256 Richmond Road (formerly 250 Richmond Road). This facility is located approximately 165 m east of the Site. The 1956 FIPs identified this property as an oiling facility with one fuel UST.	FIPs and aerial photographs	Given the distance and amount of infrastructure between the Site and this facility and that it was located hydraulically cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.
	<b>#37. Operation of Dry Cleaning Facility (where chemicals are used)</b> – Current dry cleaning facility located approximately 90 m southwest of the Site at 424 Churchill Avenue.	Ecolog ERIS report and Site observations	Given the distance and amount of infrastructure between the Site and this facility, it is not considered to be a PCA that will result in an APEC on the Site.



## PHASE ONE ESA – 404 EDEN AVENUE OTTAWA, ONTARIO

Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Study Area	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks</b> – Former and/or current presence of fuel oil storage tanks located at some of the residential buildings within the Phase One Study Area.	Site observations and Ecolog ERIS report	The storage tanks were likely ASTs located on concrete floors in the basements of the residential buildings. The ERIS report identified two furnace oil spills within the Study Area; however, they were located greater than 100 m from the Site and hydraulically cross-gradient or down-gradient with respect to the Site. As such, these PCAs are not considered to represent an APEC on the Site.
	<b>#37. Operation of Dry Cleaning Facility (where chemicals are used)</b> – Former dry cleaning facility located approximately 90 m northeast of the Site at 276 Richmond Road.	FIPs	Given the distance and amount of infrastructure between the Site and this facility and that it was located hydraulically down and cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.

Based on the information obtained as part of this Phase One ESA, none of the identified PCAs were considered to represent an APEC for the Site and a Phase Two ESA is not recommended to be carried out at the Site at this time.

A response to Golder's request for information from the Ministry of the Environment and Climate Change was not available at the time of report preparation. However, based on the body of information acquired, it is considered that the absence of this information should not likely affect the final conclusion of the Phase One ESA.





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## **1.0 INTRODUCTION**

### **1.1 Phase One Property Information**

Golder Associates Ltd. ("Golder") was retained by 404 Eden Ltd. ("Eden") to conduct a Phase One Environmental Site Assessment ("Phase One ESA") of the following property:

<b>Municipal Address</b>	404 Eden Avenue
<b>Property Identification Number</b>	040200153
<b>Legal Description</b>	Plan 277 Lot 101, City of Ottawa

Site north is defined as Eden Avenue having a north-south axis. The Site location is provided on Figure 1. A Site plan is provided on Figure 2.

Authorization to proceed with this investigation was received from Mr. Jordan Tannis of Eden on February 2, 2016. The contact information for the Site is:

<b>Site Owner / Client</b>	<b>Address</b>	<b>Contact Information</b>
404 Eden Ltd.	5689 Power Road Ottawa, Ontario K1G 3N4	Mr. Jordan Tannis Office: 613-293-2110 Email: jt@jtann.ca



## **2.0 SCOPE OF INVESTIGATION**

A Phase One ESA is a preliminary qualitative assessment of the environmental condition of a property, based on a review of current activities and historical information for the Site and a review of relevant and readily available environmental information for the surrounding properties located within a 250 metre (“m”) radius of the boundary of the Site (collectively referred to as the “Phase One Study Area”). The boundary of the Phase One Study Area is presented in Figure 2.

According to Ontario Regulation (“O.Reg.”) 153/04 *Records of Site Condition*, the objectives of a Phase One ESA are to:

- 1) Develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Site;
- 2) Determine the need for a Phase Two Environment Site Assessment (“ESA”);
- 3) Provide a basis for carrying out a Phase Two ESA;
- 4) Provide adequate preliminary information about environmental conditions in the land or water on, in or under the Site for the conduct of a risk assessment following completion of a Phase Two ESA; and,
- 5) Identify and report on evidence of actual and/or potential contamination on the Site from current and historical activities at the Site or from adjacent properties.



## **3.0 RECORDS REVIEW**

### **3.1 General**

#### **3.1.1 Phase One Study Area Determination**

For the purpose of this Phase One ESA, the Phase One Study Area is the area within a 250 m radius of the boundary of the Site. Based on Golder's review of the historical and current information compiled as part of this Phase One ESA for the area surrounding the Site and observations of neighbouring properties made during the Site visit, it was concluded that an assessment of information pertaining to properties within 250 m of the boundary of the Site was sufficient to achieve the objectives of the Phase One ESA.

#### **3.1.2 First Developed Use Determination**

The date of first developed use of the Phase One Property was determined based on review of the aerial photographs, fire insurance plans (FIPS), city directories, EcoLog ERIS Report and information provided by the Site representative. The Phase One Property is vacant undeveloped land in the 1945 and 1931 aerial photos; however, the 1946 street directories listed the Phase One Property as a residential property with one tenant. Therefore, the first development on the Phase One Property was determined to be late 1945 or early 1946, and included the current site building.

#### **3.1.3 Fire Insurance Plans**

A review of the FIPs from 1948 and 1956 was completed and is described below.

##### ***Phase One Property***

- 1948: the Site is developed with a residential dwelling fronting on Eden Avenue and a small storage shed on the eastern portion of the property.
- 1956: similar to 1948 with the addition of a parking garage on the south side of the residential dwelling.

##### ***Surrounding Area***

- 1948: the surrounding properties within the Phase One Study Area are mainly single residential buildings with some commercial, institutional (schools) and community (town halls and churches) land uses. The Ottawa Electric Railway is shown running perpendicular to Eden Avenue on the adjacent lands south of the Site. Noteworthy commercial properties on the surrounding properties north and northeast of the Site are as follows:
  - A Chinese laundry is located immediately north of the Site at 314 Richmond Road (currently 312 Richmond Road);
  - A retail fuel outlet with four associated fuel USTs is located at 319 Richmond Road, approximately 45 m north of the Site;
  - An automotive garage with two fuel USTs is located at 298 to 300 Richmond Road (currently 298 Richmond Road), approximately 20 m northeast of the Site;
  - An automotive garage is located approximately 125 m northeast of the Site at 277 Richmond Road; and,
  - A retail fuel outlet with one associated fuel UST is located at 255 Richmond Road, approximately 200 m east/northeast of the Site.



- 1956: mostly unchanged since 1948; however, the Chinese laundry facility to the north of the Site is no longer present and a used car lot, likely a used car dealership, is located immediately north of the Site at 310 Richmond Road. The following properties were noteworthy on the surrounding properties northeast of the Site are as follows:
  - A retail fuel outlet with four associated fuel USTs is still present at 319 Richmond Road;
  - An automotive garage with two fuel USTs remains at 298 to 300 Richmond Road (currently 298 Richmond Road);
  - The automotive garage at 277 Richmond Road is still present;
  - 255 Richmond Road is still occupied by a retail fuel outlet with one fuel UST;
  - A dry cleaning facility, specifically identified as a cleaning and pressing store, is located at 276 Richmond Road, approximately 90 m northeast of the Site; and,
  - An oiling facility, likely a retail fuel outlet, with 2 fuel USTs located approximately 165 m east of the Site at 250 Richmond Road (currently 256 Richmond Road).

Based on the review of the FIPs, the former presence of automotive garages and retail fuel outlets with fuel USTs and a dry cleaning facility within the Phase One Study Area are off-Site PCAs. A Chinese laundry was located immediately north of the Phase One Property at 312 Richmond Road. Given that there were no records of this laundry facility in any databases searched by EcoLog ERIS (discussed in Section 3.2.1) and that there is no evidence of this facility being a dry cleaning facility where cleaning takes place, it is assumed that this facility was a Laundromat only and is not considered to be an off-Site PCA.

#### **3.1.4 Chain of Title**

From Golder's review of aerial photography and other information, the Phase One Property has been developed as a residential property in late 1945 or early 1946. Chain of Title information was not ordered as it was deemed that the other information from the records review would satisfy the objectives of the records search and that the information to be provided in a Chain of Title would not contribute additional environmental information relevant to the Phase One ESA.

#### **3.1.5 City Directories**

Golder ordered a street directory search from EcoLog ERIS. A review of historical street directories for the years 1935, 1941, 1946, 1950, 1965, 1984, 1995/96, 2001/02, 2005/06 and 2011 was completed by EcoLog ERIS for the Phase One Property and select surrounding properties (within 250 m).

Based on Golder's review of the city directory information, the following summarizes the noteworthy findings of the street directory review:

- The Phase One Property, located at 404 Eden Avenue, was listed as a residential property with one tenant in the 1946 and subsequent directories. The Phase One Property was not listed in the street directories searched prior to 1946;
- 413 Churchill Avenue was listed as a commercial property occupied by a variety of the commercial companies in the 1946 and subsequent directories with the exception of the 1954 street directories in which it was listed as vacant. None of the commercial companies have been located on this property are considered to be PCAs;



- 277 Richmond Road was listed as a flower shop in the 1946 and 1950 directories, as a vacuum cleaner center in the 1965 directory and a beauty salon in the directories searched between 1984 and 2005/06. In 2011, this address was listed as a beauty salon and tattoo removal shop;
- 298 Richmond Road was listed as an automotive garage in the 1950 and 1965 street directories. The street directories from 1984 to date identify this property as a vacuum cleaner center;
- 300 Richmond Road was listed as a used car dealership in the 1965 and subsequent street directories with the exception of the 2011 street directories in which it was not listed;
- 312 Richmond Road was listed as Arco Automatic Retail (a car dealership) in the 1965 directories, as Perfect Stitch Sewing Center in the 1984 directories, a residential property in the 1995/96 directories, Caspian Convenience in the 2001/02 and 2005/06 directories. This address was not listed in 2011 directories;
- 314 Richmond Road listed as a commercial property in the 1950 and subsequent directories including Truffle Treasures, Forbie Activewear, Westboro Convenience and Schneider Meat Packer. It was also listed as You Laundry in the 1946 and 1950 street directories;
- 319 Richmond Road was listed as a retail fuel outlet in the street directories searched between 1950 and 1984, as an automotive garage in the 1995/96 directories and as well as a retail fuel outlet and automotive garage in the 2001/02, 2005/06 and 2011 directories; and,
- 408 Richmond Road was listed as a barber shop in the 1950 directories, as Parkway Taxi in the 1965 directories and was not listed in later directories.

Based on the review of the street directories, no PCAs were identified on the Site. However, the former presence of an automotive garage located at 298 Richmond Road and a retail fuel outlet and automotive garage located at 319 Richmond Road are off-Site PCAs. The review of the street directories also indicated that You Laundry was historically located at 314 Richmond Road and is likely the Chinese laundry that was identified on this property in the 1948 FIPs. Given that there are no records for this facility in the Ecolog ERIS Report (discussed in Section 3.2.1) and that there is no evidence of this facility being a dry cleaning facility where cleaning takes place, it is assumed that this facility was a Laundromat only. As such, the former presence of this facility is not considered to be an off-Site PCA.

### **3.1.6 Environmental Reports**

No previous environmental reports related to the Phase One Study Area were available for review.

## **3.2 Environmental Source Information**

### **3.2.1 EcoLog ERIS Report**

Golder contracted Ecolog ERIS to conduct a search of environmental sources, including federal, provincial and private sector databases, for information on the Phase One Property and Study Area. The EcoLog ERIS report is provided in Appendix B.



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The databases searched included the following:

Federal	Provincial	Private
<ul style="list-style-type: none"><li>Contaminated Sites on Federal Land</li><li>Environmental Effects Monitoring</li><li>Environmental Issues Information System</li><li>Federal Convictions</li><li>Fisheries &amp; Oceans Fuel Storage Tanks</li><li>Indian &amp; Northern Affairs Fuel Tanks</li><li>National Analysis of Trends in Emergencies System (NATES)</li><li>National Defence &amp; Canadian Forces Fuel Storage Tanks</li><li>National Defence &amp; Canadian Forces Spills</li><li>National Defence &amp; Canadian Forces Waste Disposal Sites</li><li>National Environmental Emergencies System (NEES)</li><li>National PCB Inventory</li><li>National Pollutant Release Inventory</li><li>Parks Canada Fuel Storage Tanks</li><li>Transport Canada Fuel Storage Tanks</li></ul>	<ul style="list-style-type: none"><li>Abandoned Aggregate Inventory</li><li>Abandoned Inventory</li><li>Aggregate Mine Information System</li><li>Borehole</li><li>Certificates of Approval</li><li>Certificates of Property Use</li><li>Commercial Fuel Oil Tanks</li><li>Compliance and Convictions</li><li>Drill Hole Database</li><li>Environmental Activity and Sector Registry</li><li>Environmental Compliance Approval</li><li>Environmental Registry</li><li>Fuel Storage Tank</li><li>Fuel Storage Tank – Historic</li><li>Inventory of Coal Gasification Plants and Tar Sites</li><li>Inventory of PCB Storage Sites</li><li>Landfill Inventory Management Ontario</li><li>List of TSSA Expired Facilities</li><li>Mineral Occurrences</li><li>Non-Compliance Reports</li><li>Ontario Oil and Gas Wells</li><li>Ontario Regulation 347 Waste Generators Summary</li><li>Ontario Regulation 347 Waste Receivers Summary</li><li>Ontario Spills</li><li>Orders</li><li>Permit to Take Water</li><li>Pesticide Register</li><li>Private and Retail Fuel Storage Tanks</li><li>Record of Site Condition</li><li>TSSA Historic Incidents</li><li>TSSA Incidents</li><li>TSSA Pipeline Incidents</li><li>TSSA Variances for Abandonment of Underground Storage Tanks</li><li>Waste Disposal Sites - MOECC 1991 Historical Approval Inventory</li><li>Waste Disposal Sites - MOECC CA Inventory</li><li>Wastewater Discharger Registration Database</li><li>Water Well Information System</li></ul>	<ul style="list-style-type: none"><li>Anderson's Storage Tanks</li><li>Anderson's Waste Disposal Sites</li><li>Automobile Wrecking &amp; Supplies</li><li>Canadian Mine Locations</li><li>Canadian Pulp and Paper</li><li>Chemical Register</li><li>ERIS Historical Searches</li><li>Oil and Gas Wells</li><li>Retail Fuel Storage Tanks</li><li>Scott's Manufacturing Directory</li></ul>

The complete EcoLog ERIS report, including a brief description of each of the databases searched for the Phase One ESA, is included in Appendix B. The following is a summary of the findings as identified within the EcoLog ERIS report for the Site and for the surrounding properties within the Phase One Study Area:





### ***On-Site***

The EcoLog ERIS report identified that there were no records found for the Site.

### ***Surrounding Properties within 250 metres of the Site***

Noteworthy records for the Phase One Study Area (excluding the Phase One Property) included the following:

- Borehole (BORE) – There are 16 borehole listings within the Phase One Study Area. The boreholes were completed for geotechnical/geological purposes between January 1982 and March 1991 to depths ranging from 0.3 m to 8.6 m. The static water level was reported to be between 1.5 m and 3.0 m;
- Certificates of Approval (CA) – There are nine Certificates of Approval (C of As) listings within the Phase One Study Area. Four of the five C of As were issued between September 1992 and September 1997 for municipal sewage. The other C of A was issued in March 2004 for air;
- Environmental Registry (EBR) – Lusitania Collision Centre located at 255 Richmond Road was listed in the Environmental Registry as have requested a C of A for discharge into the natural environment other than water (i.e. air) in 2003;
- ERIS Historical Searches (EHS) – The Ecolog ERIS report identified 14 historical search listings within the Phase One Study Area that were completed between August 2003 and February 2014;
- List of TSSA Expired Facilities (EXP) – An automotive garage/retail fuel outlet (Avenues Garage Ltd.) located at 319 Richmond Road was listed as a TSSA expired facility with three fuel storage tanks that have been removed from the property. Similarly, Mac's Convenience Store was also listed as retail fuel outlet and a TSSA expired facility with six fuel storage tanks that have been removed from the property. This retail fuel outlet was located at 256 Richmond Road, approximately 165 m east of the Site;
- Fuel Storage Tanks (FST) – The Ecolog ERIS report listed two records in the FST database associated with the retail fuel outlet at 256 Richmond Road. The records indicated that this facility has two active gasoline storage tanks; one with a capacity of 25,000 L and the other with a capacity of 50,000 L. These tanks are reported to be double walled USTs that were installed in 1997;
- Fuel Storage Tank – Historic (FSTH) – The retail fuel outlet located at 319 Richmond Road was listed as a gasoline service station with two double walled gasoline USTs that were installed in 1997 and active as of December 2008. The records also indicated that this facility had four gasoline USTs at one time;
- Ontario Regulations 347 Waste Generators Summary (GEN) – The EcoLog ERIS report identified 50 waste generation Site listings within the Phase One Study Area. Noteworthy waste generators identified include the current automotive garage at 319 Richmond Road which generates light fuels, the current dry cleaning facility at 424 Churchill Avenue which generates halogenated solvents and residues, and the current retail fuel outlet at 256 Richmond Road which is a generator of light fuels. The remaining waste generator records and waste classes are included in the Ecolog ERIS report in Appendix B;
- TSSA Historical Incidents (HINC) – The Ecolog ERIS report identified two historical incidents within the Phase One Study Area. Both records were for natural gas releases that occurred within the Phase One Study Area in 2006. The status of these incidents is completed;



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- TSSA Incidents (INC) – There is one record of a TSSA incident within the Phase I Study Area. One record was for pipeline hit that occurred approximately 175 m northeast of the Site near 412 and 414 Churchill Avenue. The status of this incident is completed; however no further information was provided. As discussed below, there is a record in the Ontario Spill database for a natural gas leak from a pipeline in this same location. Therefore, it is likely that this TSSA incident record is for the same natural gas leak;
- TSSA Pipeline Incidents (PINC) – There are two records of TSSA pipeline incidents within the Phase One Study Area. One record was for a natural gas pipeline strike that occurred at 412 Tweedsmuir Avenue (approximately 220 m east of the Site) in 2011 due to insufficient excavation practices. The second record indicated that heating fuel pipeline was hit at 351 Churchill Avenue North (approximately 230 m north of the Site); however no further information was provided;
- Pesticide Register (PES) – P & T Equipment was listed as an operator of registered pesticides and Dovers was listed as a vendor of registered pesticides;
- Scott's Manufacturing Directory (SCT) – There were 15 facilities listed in the Scott's Manufacturing Directory database, none of which were considered PCAs for the Site;
- Private and Retail Fuel Storage Tanks (PRT) – An automotive garage located at 319 Richmond Road was listed in the PRT database as having a retail fuel storage tank with a capacity of 68,100 L and a licence expiry date of November 1995. The retail fuel outlet at 256 Richmond Road was also listed in this database. The record indicated that this facility had a retail fuel storage tank with a capacity of 15,926 L and a license expiry date of February 1996;
- Ontario Spills (SPL) – There were nine records of spills occurring within the Phase One Study Area. The information regarding the reported spills are presented in the table below:

**Spill Occurrences within 250 m of the Site**

Company	Location	Year of Occurrence	Description
Enbridge Gas Distribution Inc.	412 & 414 Churchill Avenue (approximately 130 m west of the Site)	2010	Unknown amount of natural gas leaked into the air from a pipeline. It was reported that environmental impact due to the spill was not anticipated.
8596239 Canada Inc.	400 Athlone Street (approximately 135 m east of the Site)	2013	An unknown amount of hydraulic oil spilled to the ground from a motor vehicle. It was reported that environmental impact due to the spill was possible.
N/A	424 Athlone Street (approximately 155 m southeast of the Site)	2015	Unknown amount of natural gas leaked into the air from a pipeline.
Canada Waste Services	363 Churchill Avenue Powell Avenue (approximately 175 m north of the Site)	2001	140 L of hydraulic oil spilled to the road due to equipment failure. It was reported that environmental impact due to the spill was not anticipated.



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Company	Location	Year of Occurrence	Description
N/A	Approximately 185 m north of the Site near Winona Street at Whitby Street	1996	Unknown amount of furnace oil infiltrated into the municipal sewers.
Ultramar	261 Richmond Road (approximately 205 m east/northeast of the Site)	1997	45 L of fuel spilled to a basement from an Ultramar cargo tank truck. The report indicated that the receiving medium was air and that the nature of impact was human health. It is likely that this was a propane spill.
Sunoco	256 Richmond Road (approximately 165 m east of the Site)	1992	5 L of gasoline spilled to the ground at a retail fuel outlet due to a hose or pipe leak. Environmental impact due to the spill was not anticipated.
N/A	256 Richmond Road (approximately 170 m east of the Site)	1991	Unknown amount of gasoline spilled to the road and municipal sewers from a motor vehicle. Environmental impact due to the spill was possible.
Private Residence	356 Whitney Avenue (approximately 240 m northeast of the Site)	1996	Unknown amount of furnace oil spilled to the ground at a private residence. It was reported that environmental impact due to the spill was possible.

- Water Well Information System (WWIS) – There are 5 water well listings within the Phase One Study Area. They were constructed between June 2002 and September 2011. The depths of the wells ranged from 7.5 m to 15.54 m and the static water levels ranges from 3.96 m and 6.7 m.

Based on the review of the Ecolog ERIS report, the former presence of retail fuel outlets and an automotive garage with associated fuel storage tanks located within the Phase One Study Area are off-Site PCAs. The Ecolog ERIS report also identified a dry cleaning facility at 424 Churchill Avenue that is considered to be an off-Site PCA. Several diesel, natural gas, gasoline and oil spills were reported to have occurred within the Phase One Study Area; however, given that they were either not significant in size, were located greater than 100 m from the Site, were located hydraulically cross-gradient or down-gradient with respect to the Site or entered the atmosphere or sewers, they are not considered to be issues of potential environmental concern. The Ecolog ERIS report identified many generating sites within the Phase One Study Area. The presence of waste generators alone is not considered an issue of concern on its own as there is no information as to the handling practices at the identified sites; however, it is an indication of the presence of chemical storage.

### 3.2.2 Ministry of the Environment and Climate Change

The Ottawa district office of the Ontario Ministry of Environment and Climate Change (MOECC) was contacted (refer to copy of correspondence in Appendix A) to provide an Index Report with respect to active orders and approvals for the Site as detailed below:

- Active orders under the Environmental Protection Act (EPA), the *Ontario Water Resources Act* (OWRA), and the *Pesticides Act* (PA); and,
- Approvals under Sections 9 and 39 of the EPA as well as Sections 52 and 53 of the OWRA.

At the time of preparation of this report a response from the MOECC was not received.



### **3.2.3 City of Ottawa**

Golder forwarded a request (refer to copy of correspondence in Appendix A) to the City of Ottawa (“City”), for the following information:

- Active orders under the EPA, the OWRA, and the PA;
- Approvals;
- Reports relating to environmental concerns;
- Records of non-compliance or regulatory concerns;
- Dumping infractions, spills or discharges to the environment;
- Violations of sewer use or environmental by-laws;
- Historic information related to landfill or dump sites on or in proximity to the Site; and,
- Any other environmental information.

The City of Ottawa responded to Golder’s request on February 16, 2016 which included a copy of the City of Ottawa HLUI of the Site and surrounding properties within 50 m of the Site (refer to copy of the HLUI in Appendix A). Based on the review of the City of Ottawa HLUI, there were no records identified for the Site. The City of Ottawa HLUI and correspondence identified the following noteworthy records for the Phase One Study Area:

- 298 to 300 Richmond Road (currently 298 Richmond Road) was listed as a motor vehicle repair shop and was reported to be in operation between 1922 and 1956. This property is located on the southeast corner of Richmond Road and Eden Avenue, approximately 20 m northeast of the Site;
- A motor vehicle repair shop repair shop was located north of Richmond Road between Winona Avenue and Athlone Avenue. It was reported to be in operation between 1911 and 1950. Based on its approximate location, it is likely the same automotive garage that was identified at 277 Richmond Road in the 1948 and 1956 FIPs;
- A laundry and cleaners was identified on the property immediately north of the Site (312 Richmond Road) and was reported to be in operation in 1970;
- 319 Richmond Road was listed as a retail fuel outlet with four gasoline USTs operating between 1940 and 1956 and as a combined retail fuel outlet and automotive garage operating in 2001 and 2005; and,
- 300 Richmond Road was listed as used car dealership.

The City of Ottawa HLUI review of the Site and surrounding area did not identify any on-Site PACs; however, it did indicate off-Site PCAs associated with former automotive garages located at the current 298 Richmond Road and 277 Richmond Road as well as a retail fuel outlet and associated gasoline USTs at 319 Richmond Road. The City of Ottawa HLUI also identified a laundry and cleaners at 312 Richmond Road; however, as previously discussed in Section 3.1.3, it is assumed that this facility was a Laundromat where no dry cleaning takes place and as such, is not considered to be an off-Site PCA. It is also noted that a used car dealership was identified at 300 Richmond Road but is not considered to be an off-Site PCA.



### **3.2.4 Ministry of Natural Resources and Forestry (MNRF)**

An information request was sent to the Ministry of Natural Resources and Forestry (“MNRF”) on September 8, 2015. Records requested included any information relating to areas of natural significance in the vicinity of the Site, as well as any other environmental concerns that may be related to the Site and surrounding area.

On February 8, 2016, Erin Seabert, Fish and Wildlife Technical Specialist of the MNRF reported in a letter sent by e-mail that no known Natural Heritage Features (e.g., Provincially Significant Wetlands, Areas of Natural and Scientific Interest, etc.) were identified on or in close proximity to the Site.

Municipal Official Plans contain additional information related to natural heritage features. The local municipal Official Plan may need to be reviewed for more information such as policies and direction pertaining to activities which may impact natural heritage features.

The MNRF indicated that there is a potential for the following Threatened (THR) and/or Endangered (END) species to be present on the Site or in proximity to it:

- Butternut (END);
- Chimney Swift (THR);
- Eastern Small-footed Myotis (END);
- Little Brown Bat (END); and,
- Northern Long-eared Bat (END).

These species, as well as their habitats, are protected by the Endangered Species Act and it is recommended that field surveys be conducted if the proposed development work involves removal or disturbance of natural areas (including overgrown grass areas) or disturbance to structures where nests may be present. If the proposed development is expected to have an impact on these species, a permit under the Endangered Species Act may be required. The MNRF recommends that the MNRF Kemptville office be contacted prior to any activities being carried out.

### **3.2.5 Technical Standards and Safety Authority, Fuel Safety Division Records**

The Technical Standards and Safety Authority (“TSSA”) maintains records related to registered underground storage tanks (“USTs”) for petroleum-related products. The TSSA was contacted to establish the status of the Site and to identify outstanding instructions, incident reports, fuel oil spills or contamination records.

Ms. Sarah Quibell of the TSSA replied on February 2, 2016 and indicated that there were no records on file pertaining to the Site; however, the property at 319 Richmond Road, Ottawa, Ontario has a record of three expired USTs.

## **3.3 Physical Setting Sources**

### **3.3.1 Aerial Photographs**

Aerial photographs of the Site and neighbouring properties were obtained from the National Air Photo Library (Natural Resources Canada) for the years 1931, 1945 and 1985. In addition, the aerial photographs for 1958, 1965, 1976, 1991, 2007, 2011 and 2014 from the City of Ottawa geo-map (<http://maps.ottawa.ca/geoOttawa/>) were reviewed on-line. Golder selected aerial photographs based on availability and date intervals to help



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develop an understanding of the history of the development of the Phase One Property and Phase One Study Area. The information obtained from the aerial photographs was limited by the quality and scale of the available aerial photographs. The earliest aerial photograph available was from 1931. The aerial photographs from 1931, 1945 and 1985 are included in Appendix D.

Information obtained from the review of the aerial photographs is summarized in the following table:

Year	Site	Surrounding Area
1931	The Site is occupied by vacant and treed land.	<b>North:</b> Primarily residential buildings with some commercial buildings mainly located along Richmond Road. <b>East:</b> The surrounding properties east of the Site are not shown in this aerial photograph; however Eden Avenue is visible immediately east of the Site. <b>South:</b> The surrounding lands south of the Site are not visible in this aerial photograph with the exception of the property immediately south of the Site which is a treed lot. <b>West:</b> To the west are several residential buildings and a few commercial buildings.
1945	As per 1931.	<b>North:</b> Similar to 1947 with increasing residential and commercial development. <b>East:</b> Eden Avenue followed by high density residential and some commercial buildings. <b>South:</b> Mainly residential buildings and some commercial buildings. <b>West:</b> As per 1931.
1958 City of Ottawa geomap	The Site is occupied by a residential house fronting on Eden Avenue and parking garage located on the south side of the house.	<b>North:</b> Similar to 1945; however, several vehicles are located on the property immediately west of the Site possibly associated with a car dealership. <b>East:</b> Similar to 1945; however, there appears to be two retail fuel outlets and associated pump islands located at 255 and 256 Richmond Road. <b>South:</b> Similar to 1945. The adjacent property south of the Site has now been developed with a residential dwelling. <b>West:</b> As per 1945.
1965 City of Ottawa geomap	As per 1958.	<b>North:</b> A retail fuel outlet and associated pump island is now located at 319 Richmond Road which is located at the northwest corner of Richmond Road and Winona Avenue. A small commercial building is visible on the car dealership property. <b>East, South and West:</b> As per 1958.





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Year	Site	Surrounding Area
1976 City of Ottawa geomap	As per 1965.	<b>North:</b> As per 1965. <b>East:</b> Similar to 1965; however the retail fuel outlet at 255 Richmond Road is no longer present. <b>South and West:</b> As per 1965.
1985	As per 1976.	<b>North, East, South and West:</b> As per 1976.
1991 City of Ottawa geomap	As per 1985.	<b>North:</b> As per 1985. <b>East:</b> As per 1985. The pump islands associated with the retail fuel outlet at 256 Richmond Road have moved slightly to the west and a canopy has been constructed above them. <b>South and West:</b> As per 1985.
2007 City of Ottawa geomap	As per 1991.	<b>North, East, South and West:</b> As per 1991.
2011 City of Ottawa geomap	As per 2007.	<b>North, East, South and West:</b> As per 1991.
2014 City of Ottawa geomap	As per 20011.	<b>North:</b> Similar to 2011; however a high-rise commercial building has been constructed on the adjacent property north of the Site and the retail fuel outlet at 319 Richmond Road is no longer present. <b>East, South and West:</b> As per 1991.

Based on the aerial photographs, the Phase One Property appears to have been developed with one residential building and an attached parking garage between 1945 and 1958. The current Site building has remained present on the Site since this time. Prior to development the Phase One Property was a vacant and treed lot.

The surrounding properties north and west of the Site have been developed prior to 1931 and the surrounding properties to the south and east have been developed prior to 1945. Since development they have primarily included residential properties and some commercial properties that were mainly located along Richmond Road. A retail fuel outlet was constructed on the lands north of the Site at 319 Richmond Road between 1958 and 1965 and was present until sometime between 2011 and 2014. Similarly, a retail fuel outlet has previously been located east/northeast of the Site at 255 Richmond Road from sometime between 1945 and 1958 until sometime between 1965 and 1976. In addition, a retail fuel outlet has been located east of the Site at 256 Richmond Road since sometime between 1945 and 1958.

The aerial photograph review of the Site and surrounding area (within approximately 250 m) did not identify any on-Site PACs; however, it did indicate off-Site PCAs associated with three former and/or current retail fuel outlets that were located within the Phase One Study Area.



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### 3.3.2 Topography, Hydrology and Geology

The following records were reviewed to identify topographic, geologic and hydrogeological conditions at the Site. A topographic map (Ontario Base Map) showing the Site and the Phase One Study Area and the location of any water bodies is provided in Figure 3. Additional information on Site features, as observed at the time of the Site visit, is provided in Section 6.

Topic	Conditions	Comment / Source
<b>Topography of Site and Surrounding Area</b>	The topography of the Site and surrounding area is uneven with an overall slope to the north.	Site and surrounding area observations and Figure 3 – Topographic Map and Areas of Natural Significance
<b>Overburden Soils</b>	Till: plain with local relief (< 5 metres).	Bélanger, J. R. 2008 Urban Geology of the National Capital Area, Geological Survey of Canada, Open File 5311, 1 DVD.
<b>Type of Bedrock</b>	<u>Gull River Formation</u> : limestone, with dolostone beds towards base.	Armstrong, D.K. and Dodge, J.E.P. 2007. Paleozoic Geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release – Data 219
<b>Depth to Bedrock</b>	The depth to bedrock is expected to be between 1 and 2 metres below ground surface (mbgs).	2010 Bélanger, J. R., Urban Geology of the National Capital Area, Geological Survey of Canada, Open File D3256, 2001
<b>Inferred Near Surface Groundwater Flow</b>	Local groundwater is anticipated to flow north/northwest towards the Ottawa River.	Site and surrounding area observations, Figure 1 – Key Plan and Figure 3 – Topographic Map and Areas of Natural Significance
<b>Site Grade Relative to the Adjoining Properties</b>	The Site appears to follow the topography of the area and is below the grade of the surrounding properties south of the Site, above the grade of the surrounding properties north of the Site and is generally at grade with surrounding properties east and west of the Site.	Site and surrounding area observations and Figure 3 – Topographic Map and Areas of Natural Significance
<b>Depth to Groundwater</b>	Not identified.	N/A

It should be noted that local groundwater flow may be influenced by underground utilities (i.e., service trenches) and building structures. For example, the gravel pack used around utilities, such as a water line, can act as interceptors and redirect groundwater flow along the direction of the pipe. If a more accurate description of geology, groundwater flow and groundwater quality is required, a subsurface investigation would be necessary.





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### 3.3.3 Fill Materials

Topic	Conditions	Comment / Source
Fill Materials	No fill materials were observed or reported. No piles of fill material were observed on the Site. Fill material may have been used for construction purposes (backfill around residential building and parking lot sub-grade material).	Site observations

### 3.3.4 Water Bodies and Areas of Natural Significance

Topic	Conditions	Comment / Source
Nearest Open Water Body	The nearest permanent watercourse is the Ottawa River located approximately 700 m northwest of the Site.	Site observations and Figure 1– Key Plan
Areas of Natural Significance	No areas of natural and scientific interest (ANSI) are known to be located on the Site or on the Phase One Study Area. However, Species at Risk have been identified by the MNRF to be potentially present on the Site or on the nearby lands.	Figure 3 (Topographic Map and Areas of Natural Significance) and the MNRF

### 3.3.5 Well Records

Topic	Conditions	Comment / Source
Water Wells on Site (location, stratigraphy of the overburden, from ground surface to bedrock, depth to bedrock, depth to water table, drilling date, use)	Based on the EcoLog ERIS report no water wells are located on the Site.	EcoLog ERIS Report and Site observations
Water Wells on the Neighbouring Properties (location, stratigraphy of the overburden, from ground surface to bedrock, depth to bedrock, depth to water table, drilling rate, use)	Based on the EcoLog ERIS report, there are 5 water wells within the Phase One Study Area. They were constructed between June 2002 and September 2011. The depths of the wells ranged from 7.5 m to 15.54 m and the static water levels ranges from 3.96 m and 6.7 m.	EcoLog ERIS Report

## 3.4 Site Operating Records

At the time of the Site visit, the Phase One Property was developed with a residential building, a single car garage, two small storage sheds and a snow covered backyard. No Site operating records were provided to Golder for review.



## **4.0 INTERVIEWS**

At the time of the Site visit, Golder conducted an interview with Jordan Tannis of Eden (hereinafter referred to as the “Site Representative”) to discuss information about the historical and current activities carried out on the Site. Pursuant to the requirements O.Reg. 153/04, the Site Representative was interviewed as the “current owner” with knowledge of current Site operations.

Relevant information obtained during the interview and Site visit is provided in Section 6.0.



## 5.0 SITE RECONNAISSANCE

### 5.1 General Requirements

On behalf of Golder, Ms. Alyssa Troke visited the Site for approximately one hour on February 3, 2016 at 9:30 am. The Site visit consisted of a walk-around the Site along with a cursory inspection of surrounding properties from the Site and publicly accessible areas. Access to the residential house, the parking garage and the storage sheds was provided and as such, information of their interiors is based on information provided from the Site Representative. The weather conditions were cloudy and raining and the temperature was approximately -1°C. The Site was occupied by a single residential building, a single car garage, a paved parking lot and a snow covered backyard.

Photographs of relevant features noted during the Site visit are provided in Appendix C.

### 5.2 Specific Observations at Phase One Property

The specific observations made during the Site visit are presented in the following sections.

Topic	Observations	Source
<b>Structures</b> <b>Number and Age of</b> <b>Buildings on the Site</b>	The main building on the Site was constructed in late 1945 or early 1946.	Site observations, city directories and aerial photographs
<b>General Descriptions of Each Building (including improvements)</b>	<p>There are three buildings on the Site: a residential house with an attached garage and two small storage sheds.</p> <p>The residential building is a two storey building with one basement level and has one tenant. Construction is brick on concrete block on concrete foundation. Access was not provided to the interior of the residential building; however, the Site representative indicated that the interior walls and ceilings are drywall and the flooring is carpet. The Site Representative also indicated that the basement is mainly used for storage of household items and personal items belonging to the occupant.</p> <p>The parking garage is constructed with concrete block and the small storage sheds are constructed with wood and finished with vinyl siding. The storage sheds were used for the storage of unused furniture, bicycles and garden tools.</p>	Site observations and Site Representative
<b>Building Areas</b>	Footprint of approximately 110 m <sup>2</sup> .	Site observations



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Topic	Observations	Source
<b>Number of Floors (include all levels, whether above or below ground)</b>	The residential building has three levels, two of which are aboveground and one of which is below ground. Golder could not confirm the number of below ground levels as access to the basement was not provided during the Site visit; however, the Site Representative indicated that the building only has one below ground level.	Site observations and Site Representative
<b>Number, Age, and Depth of Levels Below Ground Level</b>	The Site Representative indicated that the residential building has one level below ground and at the time of the Site visit, the residential building had a basement foundation. However, Golder was unable to confirm the number of below ground levels, given that access to the interior of the house was not provided. The underground level was constructed between in late 1945 or early 1946.	Site observations, Site Representative, city directories and aerial photographs
<b>Number and Details of all Aboveground Storage Tanks (“ASTs”)</b>	<p>There were no ASTs located on the outside areas of the Site at the time of Site visit. The Site Representative indicated that the building was formerly heated with oil and that the former heating old AST has since been removed. Two pipes were observed along the exterior of the basement foundation and were cut off just beyond the wall. They are likely the former fill and vent pipes for the heating oil AST. Although access into the basement was not provided during the Site visit, the Site Representative provided Golder with a photo of the former fill and vent pipes that extended into the basement and were stuffed with newspaper. The Site Representative also provided Golder with a photo of the concrete basement floor just below the pipes. This indicates that the former heating oil AST was located on the concrete floor and has been removed.</p> <p>Based on the age of the buildings within the Phase One Study Area, there is a potential that they formerly had, or still have, fuel oil storage tanks that were most likely ASTs.</p>	Site observations



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Topic	Observations	Source
<b>Number and Details of all Underground Storage Tanks (“USTs”)</b>	No evidence (fill/vent pipes extending through walls or slabs/ground surface, no staining or any obvious odours) was observed during the Site visit to indicate the current or former presence of fuel or chemical USTs on the Site. However, based on the age of the adjacent buildings within the Phase One Study Area, there is a potential that they formerly had, or may still have, fuel oil storage tanks. Although the storage tanks would have likely been ASTs, this could not be confirmed.	Site observations
<b>Polychlorinated Biphenyls (PCB) Containing Materials and Equipment</b>	No evidence was observed during the Site visit to indicate the current or former presence of PCB containing materials or equipment. Several pole-mounted transformers owned by Hydro Ottawa were noted adjacent to the roads within the Phase One Study Area. No evidence of spills or leaks was noted in the area of the transformers at the time of the Site visit. No labels indicating whether the transformers are PCB-containing or not were noted on any of the transformers.	Site observations
<b><u>Underground Utilities</u> Potable and Non-Potable Water Sources</b>	The Site is connected to the municipal water supply. There were no non-potable water sources identified at the Site at the time of the Site visit.	Site observations and Site Representative
<b>Utility Lines Present (i.e. Electrical, Natural Gas, other)</b>	An east-west running overhead electrical line was present on the northeast portion of the Site. It ran from a hydro pole on the east side of Eden Avenue to the northeast corner of the residential house. Two overhead electrical lines also ran from the northwest corner of the house to an off-Site hydro pole located near the southwest corner of the Site.	Site observations
<b>Sanitary/Process Wastewater Receptor</b>	Sanitary wastewater is generated on-Site and discharged to the municipal sanitary sewer. No process wastewater is generated on-Site.	Site observations
<b>Sanitary Sewer Connection</b>	The Site is connected to the municipal sanitary sewer.	Site observations and Site Representative
<b>Septic Systems</b>	None identified.	Site observations and Site Representative
<b>Storm Water Flow</b>	Storm water run-off is through natural soil infiltration.	Site observations
<b>Storm Sewer Connection</b>	The Site is not connected to the municipal storm sewer.	Site observations



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Topic	Observations	Source
<b><u>Interior of Structures</u></b> <b>Entry and Exit Points for Site Buildings</b>	The residential building has two entry and exit points. One is located on the east side of the building and the other is located on the west side of the building.	Site observations
<b>Existing and Former Heating System(s) (include fuel type / source)</b>	<p>The Site building is heated via natural gas and wood from a wood fireplace. Prior to natural gas it was heated with oil. The former heating oil was stored in an AST located in the basement which has since been removed.</p> <p>The Site Representative indicated that a fireplace was also located in the parking garage but has not been used for several years.</p>	Site observations and Site Representative
<b>Existing and Former Cooling System(s) (include fuel type / source)</b>	None identified.	Site observations
<b>Drains, Pits, and Sumps (include current use, if any, and former use)</b>	None identified.	Site observations
<b>Unidentified Substances</b>	None identified.	Site observations
<b>Floor Stains or Corrosion Located near a Potential Discharge Location</b>	None identified.	Site observations
<b><u>Miscellaneous Exterior</u></b> <b>Location of any Current and Former Wells</b>	None identified.	Site observations
<b>Ground Cover (i.e., grass, gravel, soil, or pavement, etc.)</b>	The majority of the Site exterior consists of a snow covered backyard that extended from the west side of the residential house to the western Site boundary and a small snow covered yard on the east side of the residential house. A few large trees were observed along the western portion of the southern Site boundary a two trees and shrubs were observed on the northeast corner of the Site. A paved driveway was located on the southeast corner of the Site.	Site observations
<b>Current or Former Railway Lines or Spurs</b>	None observed or reported.	Site observations.
<b>Presence of Stained Soil, Vegetation, or Pavement</b>	None observed.	Site observations
<b>Presence of Stressed Vegetation</b>	None observed.	Site observations



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Topic	Observations	Source
<b>Areas Where Fill and/or Debris Materials Appear to Have Been Placed</b>	No piles of fill material or debris were observed during the Site visit.	Site observations
<b>Potentially Contaminating Activity</b>	A fuel oil AST was located in the basement of the residential building and has since been removed. The former presence of an AST on the Phase One Property is an on-Site PCA.	Site observations and Site Representative
<b>Unidentified Substances</b>	None identified.	Site observations

### 5.2.1 Enhanced Investigation Property

The Site is occupied by a residential building and attached parking garage, a paved parking lot and a snow covered backyard and has been developed as a residential property since late 1945 or early 1946. As such, the Site is not considered to be an enhanced investigation property as defined by O. Reg. 153/04.

### 5.3 Surrounding Land Use

During the Site visit, a visual reconnaissance of the outdoor operations in the Phase One Study Area was carried out from the Site and publicly accessible areas.

The surrounding properties include residential, commercial, institutional and community land uses, as illustrated on Figure 2.

**North:** A mix of residential development (single residential buildings and a few apartment buildings) and commercial development as well as a school and recreational centre. Avenues Garage Ltd. was located at the northwest corner of Richmond Avenue and Winona Avenue, approximately 45 m north of the Site. This facility's address is 319 Richmond Road.

**East:** Eden Avenue followed by high density residential development (single residential buildings) with commercial development centered along Richmond Road. A Mac's gasoline station is located approximately 165 m east of the Site at 256 Richmond Road.

**South:** Primarily single residential buildings with a few commercial properties, a school and recreational centres located along Churchill Avenue North. A church was also observed southeast of the Site along Wesley Avenue.

**West:** A mix of commercial and residential development. The commercial properties are primarily located along Richmond Road and the remainder of the properties are occupied by single residential dwellings. Laundry Land Dry Cleaning is located approximately 90 m southwest of the Site at 424 Church Avenue North. A sign on the window of the building indicated that dry cleaning occurs at this facility.

### 5.4 Written Description of Investigation

The Site is located at 404 Eden Avenue in Ottawa, Ontario and is bounded to the east by Eden Avenue. At the time of the Site visit, conducted on February 3, 2016, the Site consisted of a 0.22 acre parcel of residential land occupied by a residential house with an attached single car garage, two small storage sheds, a paved driveway and a snow covered backyard. The residential house is a two-building storey building with one basement level and has one tenant. A chain link fence ran along the northern and western Site boundaries and a





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fence on top of a rock retaining wall was located on the property immediately south of the Site abutting the southern Site boundary. The surrounding properties within the Phase One Study Area included residential, commercial, institutional and community (general mixed use) land uses.

During the Site visit, fill and vent pipes for a former heating oil AST were observed along the northern exterior wall of the residential house and extended from the basement foundation. The Site Representative provided Golder with a photograph of the interior side of the basement foundation in which the fill and vent pipes appeared to be cut off and stuff with newspaper. This confirms that the heating oil AST has been removed. The former presence of this heating oil AST is an on-Site PCA.

It was noted during the Site visit that Laundry Land Dry Cleaning was located at 424 Churchill Avenue, approximately 90 m southwest of the Site. A sign on the window of the building indicated that dry cleaning occurs at this facility and as such, it is considered to be an off-Site PCA. In addition, an automotive garage was present at 319 Richmond Road (approximately 45 m north of the Site) and a Mac's retail fuel outlet was located at 256 Richmond Road (approximately 165 m east of the Site). The current presence of this automotive garage and retail fuel outlet are considered to be off-Site PCAs.

## 6.0 REVIEW AND EVALUATION OF INFORMATION

### 6.1 Current and Past Uses of the Site

The following summarizes the current and past uses of the Phase One Property:

Year(s)	Name of Owner(s)	Description of Property Use	Property Land Use according to Reg.153/04	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
Prior to 1945	Unknown	Undeveloped	Agricultural or other use	The 1931 and 1945 aerial photographs show that the Site is undeveloped vacant land with vegetation. No aerial photograph coverage was available for prior to 1931.
1945 to 1946	Unknown	The current Site residential building was constructed on the Site in late 1945 or early 1946.	Residential	The Site is listed as a residential property with one tenant in the 1946 street directories.
1946 to Present (2016)	Currently owned by 404 Eden Ltd.; however, the name of prior owners is unknown.	Residential dwelling.	Residential	The Site is listed as a residential property with one tenant in the 1946 and subsequent street directories. The 1958 and subsequent aerial photographs show that the Site is occupied by a residential building. At the time of the Site visit, on February 3, 2016, the Site was occupied by a residential building.





## 6.2 Potentially Contaminating Activity

Potentially contaminating activities, which if currently or historically carried out at a Site, may contribute to an area of potential environmental concern (“APEC”). Based on the information obtained as part of this Phase One ESA, the following PCAs were identified within the Phase One Study Area:

Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Property	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks</b> – Former presence of a fuel oil AST on the Site.	Site observations and Site Representative	The PCA is located on the Phase One Property. However, given that the AST was located on a concrete basement floor in the residential building and that there are no documented spills or leaks, it is not considered to represent an APEC on the Site.
Phase One Study Area	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks and #10. Commercial Autobody Shops</b> – Former presence of a retail fuel outlet/automotive garage with four fuel USTs and current presence of an automotive garage located approximately 45 m north of the Site at 319 Richmond Road.	FIPs, City Directories, Ecolog ERIS report, TSSA, City of Ottawa HLUI, aerial photographs and Site observations	Given that this facility was located hydraulically down-gradient with respect to the Site and was separated from the Site by 45 m including Richmond Road and its underlying services, it is not considered to be a PCA that will result in an APEC on the Site.
	<b>#10. Commercial Autobody Shops</b> – Former presence of an automotive garage with two associated fuel USTs located at 298 Richmond Road (formerly 298 to 300 Richmond Road); approximately 20 m northeast of the Site.	FIPs, City Directories and City of Ottawa HLUI	Given that this facility was located hydraulically down and cross-gradient with respect to the Site and was separated from the Site by Eden Avenue and its underlying services, it is not considered to be a PCA that will result in an APEC on the Site.
	<b>#10. Commercial Autobody Shops</b> – Former presence of an automotive garage located at 277 Richmond Road; approximately 125 m northeast of the Site.	FIPs and City of Ottawa HLUI	Given the distance and amount of infrastructure between the Site and this facility and that it was located hydraulically down and cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.
	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks</b> – Former presence of a retail fuel outlet with one fuel UST located approximately 200 m northeast of the Site at 255 Richmond Road.	FIPs	Given the distance and amount of infrastructure between the Site and this facility and that it was located hydraulically down and cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.



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Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Study Area	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks</b> – Current presence of a retail fuel outlet and associated fuel USTs located at 256 Richmond Road (formerly 250 Richmond Road. This facility is located approximately 165 m east of the Site. The 1956 FIPs identified this property as an oiling facility with one fuel UST.	FIPs and aerial photographs	Given the distance and amount of infrastructure between the Site and this facility and that was it was located hydraulically cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.
	<b>#37. Operation of Dry Cleaning Facility (where chemicals are used)</b> – Current dry cleaning facility located approximately 90 m southwest of the Site at 424 Churchill Avenue.	Ecolog ERIS report and Site observations	Given the distance and amount of infrastructure between the Site and this facility, it is not considered to be a PCA that will result in an APEC on the Site.
	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks</b> – Former and/or current presence of fuel oil storage tanks located at some of the residential buildings within the Phase One Study Area.	Site observations and Ecolog ERIS report	The storage tanks were likely ASTs located on concrete floors in the basements of the residential buildings. The ERIS report identified two furnace oil spills within the Study Area; however, they were located greater than 100 m from the Site and hydraulically cross-gradient or down-gradient with respect to the Site. As such, these PCAs are not considered to represent an APEC on the Site.
	<b>#37. Operation of Dry Cleaning Facility (where chemicals are used)</b> – Former dry cleaning facility located approximately 90 m northeast of the Site at 276 Richmond Road.	FIPs	Given the distance and amount of infrastructure between the Site and this facility and that was it was located hydraulically down and cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.

### 6.3 Areas of Potential Environmental Concern

Based on the information obtained as part of this Phase One ESA, none of the PCAs identified were considered to represent an APEC on the Phase One Property.



## **6.4 Conceptual Site Model**

A Conceptual Site Model of the Phase One Study Area (as required by O.Reg. 153/04) is presented in a series of Figures 1 to 8 (Figure 1: Key Plan, Figure 2: Site Plan, Figure 3: Topographic Map and Areas of Natural Significance, Figure 4: Surficial Geology, Figure 5: Bedrock Geology, Figure 6: Drift Thickness, Figure 7: Soil Survey Complex (Ontario Soils), and Figure 8: Physiography Map).

The combined set of figures shows:

- Existing buildings and structures;
- Water bodies and Areas of Natural Significance (if present) located in the Phase One Study Area;
- Drinking water wells on the Phase One Property;
- Roads (including names) within the Phase One Study Area;
- Uses of properties adjacent to the Phase One Property; and,
- Location of identified PCAs in the Phase One Study Area (including any storage tanks).

The following describes the Phase One ESA Conception Site Model (CSM) for the Site based on the information obtained and reviewed as part of this Phase One ESA:

- At the time of the Site visit, the Site consisted of a 874 m<sup>2</sup> (0.09 hectare) parcel of residential land occupied by a two-storey residential house with an attached parking garage, two small storage sheds, a paved driveway and a snow covered backyard. A large snow covered backyard was located on the western portion of the Site and a small snow covered yard was located on the northeast corner of the Site. The residential building has one tenant and has been present on the Site since late 1945 or early 1946;
- According to the EcoLog ERIS report, there are no water wells present on the Site. No water wells were observed on the Site at the time of the Site visit;
- No piles of fill were observed on the Site at the time of the Site visit;
- The nearest water body is the Ottawa River located approximately 700 m northwest of the Site;
- No areas of natural and scientific interest (ANSI) are known to be located on the Site or on the Phase One Study Area. However, Species at Risk have been identified by the MNRF to be potentially present on the Site or on the nearby lands;
- At the time of the Phase One ESA, the surrounding properties within the Phase One Study Area were mainly comprised of residential and commercial land uses with some institutional and community land uses;
- The following roads were located within the Phase One Study Area at the time of the Site visit:
  - Eden Avenue, Richmond Road, Churchill Avenue, Filmgrove Avenue, Winona Avenue, Picton Avenue, Whitby Avenue, Madison Avenue, Danforth Avenue, Byron Avenue, Byron Place, Lincoln Avenue, Edgewood Avenue, Athlone Avenue, Ravenhill Avenue, Edison Avenue, Highcroft Avenue, Evered Avenue, Wesley Avenue and Tweedsmuir Avenue.



## PHASE ONE ESA – 404 EDEN AVENUE OTTAWA, ONTARIO

- Soil at the Site consists of till, plain with local relief (< 5 m) and the bedrock at the Site is of the Gull River Formation (limestone, with dolostone beds towards base);
- Groundwater is anticipated to flow north/northwest towards the Ottawa River;
- The following PCAs that may have resulted in APECs on the Site have been identified:

Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Property	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks</b> – Former presence of a fuel oil AST on the Site.	Site observations and Site Representative	The PCA is located on the Phase One Property. However, given that the AST was located on a concrete basement floor in the residential building and that there is no evidence of spill or leaks, it is not considered to represent an APEC on the Site.
Phase One Study Area	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks and #10. Commercial Autobody Shops</b> – Former presence of a retail fuel outlet/automotive garage with four fuel USTs and current presence of an automotive garage located approximately 45 m north of the Site at 319 Richmond Road.	FIPs, City Directories, Ecolog ERIS report, TSSA, City of Ottawa HLUI, aerial photographs and Site observations	Given that this facility located hydraulically down-gradient with respect to the Site and was separated from the Site by 45 m including Richmond Road and its underlying services, it is not considered to be a PCA that will result in an APEC on the Site.
	<b>#10. Commercial Autobody Shops</b> – Former presence of an automotive garage with two associated fuel USTs located at 298 Richmond Road (formerly 298 to 300 Richmond Road); approximately 20 m northeast of the Site.	FIPs, City Directories and City of Ottawa HLUI	Given that this facility was located hydraulically down and cross-gradient with respect to the Site and was separated from the Site by Eden Avenue and its underlying services, it is not considered to be a PCA that will result in an APEC on the Site.
	<b>#10. Commercial Autobody Shops</b> – Former presence of an automotive garage located at 277 Richmond Road; approximately 125 m northeast of the Site.	FIPs and City of Ottawa HLUI	Given the distance and amount of infrastructure between the Site and this facility and that was it was located hydraulically down and cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.
	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks</b> – Former presence of a retail fuel outlet with one fuel UST located approximately 200 m northeast of the Site at 255 Richmond Road.	FIPs	Given the distance and amount of infrastructure between the Site and this facility and that was it was located hydraulically down and cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.



## PHASE ONE ESA – 404 EDEN AVENUE OTTAWA, ONTARIO

Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks</b> – Current presence of a retail fuel outlet and associated fuel USTs located at 256 Richmond Road (formerly 250 Richmond Road. This facility is located approximately 165 m east of the Site. The 1956 FIPs identified this property as an oiling facility with one fuel UST.	FIPs and aerial photographs	Given the distance and amount of infrastructure between the Site and this facility and that was it was located hydraulically cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.
	<b>#37. Operation of Dry Cleaning Facility (where chemicals are used)</b> – Current dry cleaning facility located approximately 90 m southwest of the Site at 424 Churchill Avenue.	Ecolog ERIS report and Site observations	Given the distance and amount of infrastructure between the Site and this facility, it is not considered to be a PCA that will result in an APEC on the Site.
	<b>#28. Gasoline and Associated Products Storage in Fixed Tanks</b> – Former and/or current presence of fuel oil storage tanks located at some of the residential buildings within the Phase One Study Area.	Site observations and Ecolog ERIS report	The storage tanks were likely ASTs located on concrete floors in the basements of the residential buildings. The ERIS report identified two furnace oil spills within the Study Area; however, they were located greater than 100 m from the Site and hydraulically cross-gradient or down-gradient with respect to the Site. As such, these PCAs are not considered to represent an APEC on the Site.
	<b>#37. Operation of Dry Cleaning Facility (where chemicals are used)</b> – Former dry cleaning facility located approximately 90 m northeast of the Site at 276 Richmond Road.	FIPs	Given the distance and amount of infrastructure between the Site and this facility and that was it was located hydraulically down and cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.

### 6.4.1 Uncertainty and Absence of Information

At the time of preparation of this report, a response to Golder's request for information had not been received from the MOECC. In addition, Golder was unable to access the interior portion of the on-Site residential building during the Site visit. However, based on the body of information acquired, it is considered that the absence of this information should not likely affect the final conclusion of the Phase One ESA. There were no material deviations to the Phase One ESA requirements set out in O.Reg. 153/04 that would cause uncertainty or absence of information that would affect the validity of the Phase One Conceptual Site Model or the findings of this Phase One ESA.



## **7.0 CONCLUSIONS**

Given that no APECs were identified on the Site during the Phase One ESA, a Phase Two ESA is not recommended to be carried out at the Site at this time.

### **7.1 Record of Site Condition Based on Phase One Environmental Site Assessment Alone**

Given that the Phase One Property is currently used as a single residential building and is to be redeveloped with a multi-storey residential building, there will be no change in the land use from less sensitive to more sensitive. As such, there is no mandatory requirement for a RSC to be filed for the Site.



## **8.0 REFERENCES**

The following documents and/or data were cited in this report:

<b>Source</b>	<b>Date</b>
Previous Environmental Reports (refer to Section 3.1.6)	N/A
Ontario Regulation 153/04 as amended	October 31, 2011
Bélanger, J. R. 2008 Urban Geology of the National Capital Area, Geological Survey of Canada, Open File 5311, 1 DVD.	2008
Armstrong, D.K. and Dodge, J.E.P. 2007. Paleozoic Geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release—Data 219	2007
2010 Bélanger, J. R., Urban Geology of the National Capital Area, Geological Survey of Canada, Open File D3256, 2001	2010
Aerial Photographs – National Air Photo Library (Natural Resources Canada)	1931, 1945 and 1985
Aerial Photograph Images – geoOttawa ( <a href="http://maps.ottawa.ca/geoOttawa/">http://maps.ottawa.ca/geoOttawa/</a> )	1958, 1965, 1976, 1991, 2007, 2011 and 2014
EcoLog ERIS report	February 4, 2016
Ontario Ministry of the Environment and Climate Change	Pending response
City of Ottawa	February 16, 2016
Ministry of Natural Resources and Forestry	February 8, 2016
Technical Standards and Safety Authority	February 2, 2016





## **9.0 LIMITATIONS AND USE OF REPORT**

This report (the “Report”) was prepared for the exclusive use of 404 Eden Ltd. (“Eden”) for the express purpose of providing advice with respect to the environmental condition of the Site. In evaluating the Site, Golder Associates Ltd. (“Golder”) has relied in good faith on information provided by others as noted in the Report. We have assumed that the information provided is factual and accurate. We accept no responsibility for any deficiency, misstatement or inaccuracy contained in this Report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or incomplete or inaccurate historical information from the various agencies. Any use which a third party makes of this Report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third party. If a third party requires reliance on this Report, prior written authorization from Golder is required. Golder disclaims any responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The scope and the period of Golder’s assessment are described in this Report, and are subject to restrictions, assumptions and limitations. Except as noted herein, the work was conducted in accordance with the scope of work and terms and conditions of Golder’s proposal. Golder did not perform a complete assessment of all possible conditions or circumstances that may exist at the Site referenced in the Report. Conditions may therefore exist which were not detected given the limited nature of the assessment Golder was retained to undertake with respect to the Site and additional environmental studies and actions may be required. In addition, it is recognized that the passage of time affects the information provided in the Report. Golder’s opinions are based upon information that existed at the time of the writing of the Report. It is understood that the services provided for in the scope of work allowed Golder to form no more than an opinion of the actual conditions at the Site at the time the Site was visited, and cannot be used to assess the effect of any subsequent changes in any laws, regulations, the environmental quality of the Site or its surroundings. Asbestos and mould surveys were not performed. If a service is not expressly indicated, do not assume it has been provided.

The results of an assessment of this nature should in no way be construed as a warranty that the Site is free from any and all contamination from past or current practices.





## **10.0 STATEMENT OF COMPLETION**

The undersigned confirm that this Phase One Environmental Site Assessment was conducted in a manner consistent with the expected standard of care for the consulting industry in Ontario and meets the requirements for Phase One ESAs as set out in O.Reg. 153/04, however this report has not been completed with the intent of filing a Record of Site Condition.



## **11.0 CLOSURE**

We trust that the information presented in this report meets your current requirements. Should you have any questions or concerns, please do not hesitate to contact the undersigned.

### **GOLDER ASSOCIATES LTD.**

Keith Holmes, M.Sc., P.Geo.  
Geoscientist

Tim Robertson, P.Eng., QP<sub>ESA</sub>  
Environmental Engineer/Associate

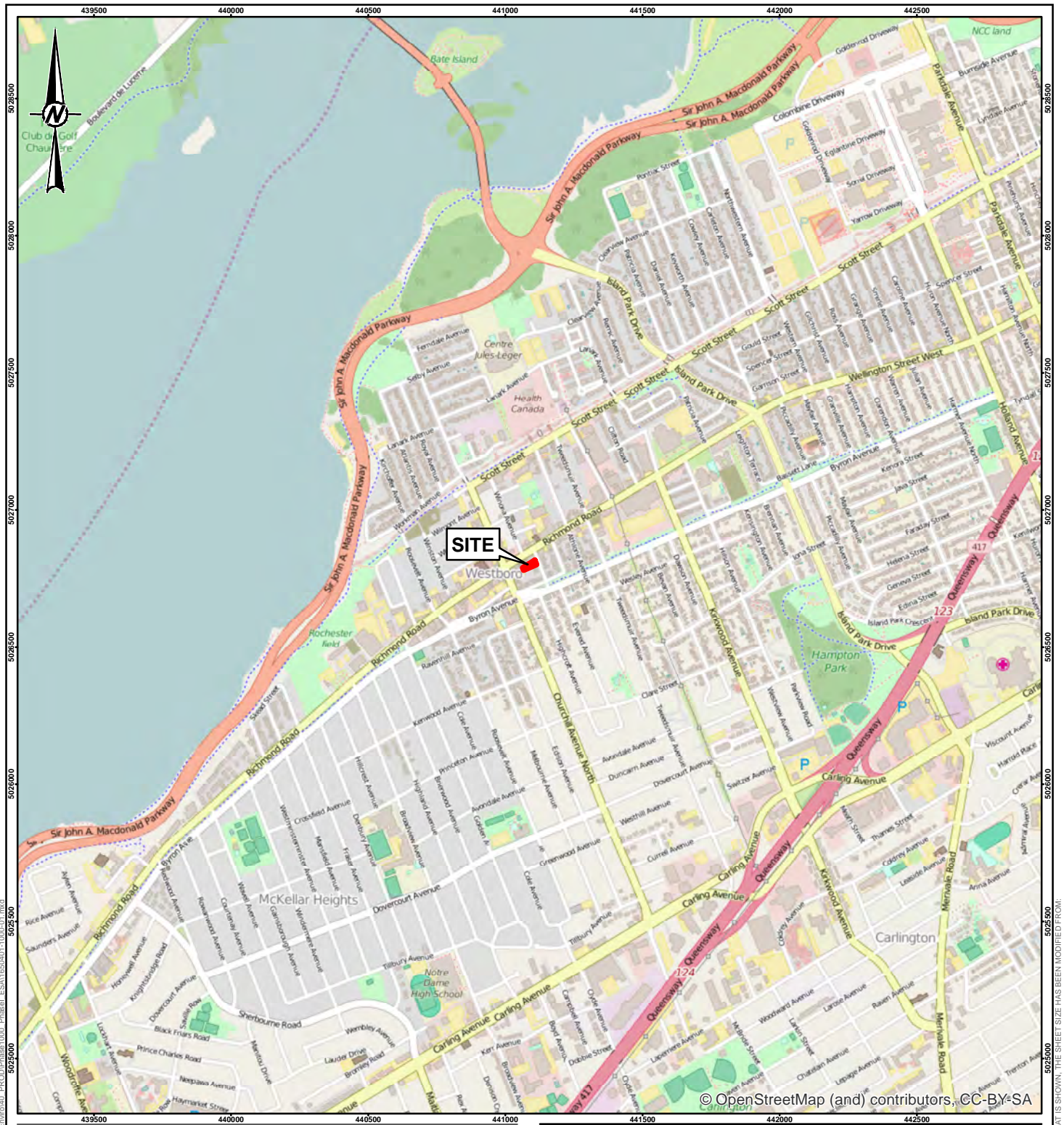
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\\golder.gds\gal\ottawa\active\2016\3 proj\1650401 404 eden proposed development ottawa\1000\_environmental\phase i esa report\1650401 phase i esa 404 eden\_feb2016.docx

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# FIGURES



© OpenStreetMap (and) contributors, CC-BY-SA

#### LEGEND

PHASE ONE ESA SITE BOUNDARY

0 205 410 820  
1:20,000 METRES

#### NOTE(S)

1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1650401-1000.

#### REFERENCE(S)

1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83  
COORDINATE SYSTEM: UTM ZONE 18 VERTICAL DATUM: CGVD28

#### CLIENT

404 EDEN LIMITED

#### PROJECT

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
404 EDEN AVENUE, OTTAWA, ONTARIO

#### TITLE

KEY PLAN

#### CONSULTANT



YYYY-MM-DD 2016-02-02

DESIGNED ----

PREPARED JEM

REVIEWED AT

APPROVED TDR

PROJECT NO.  
1650401

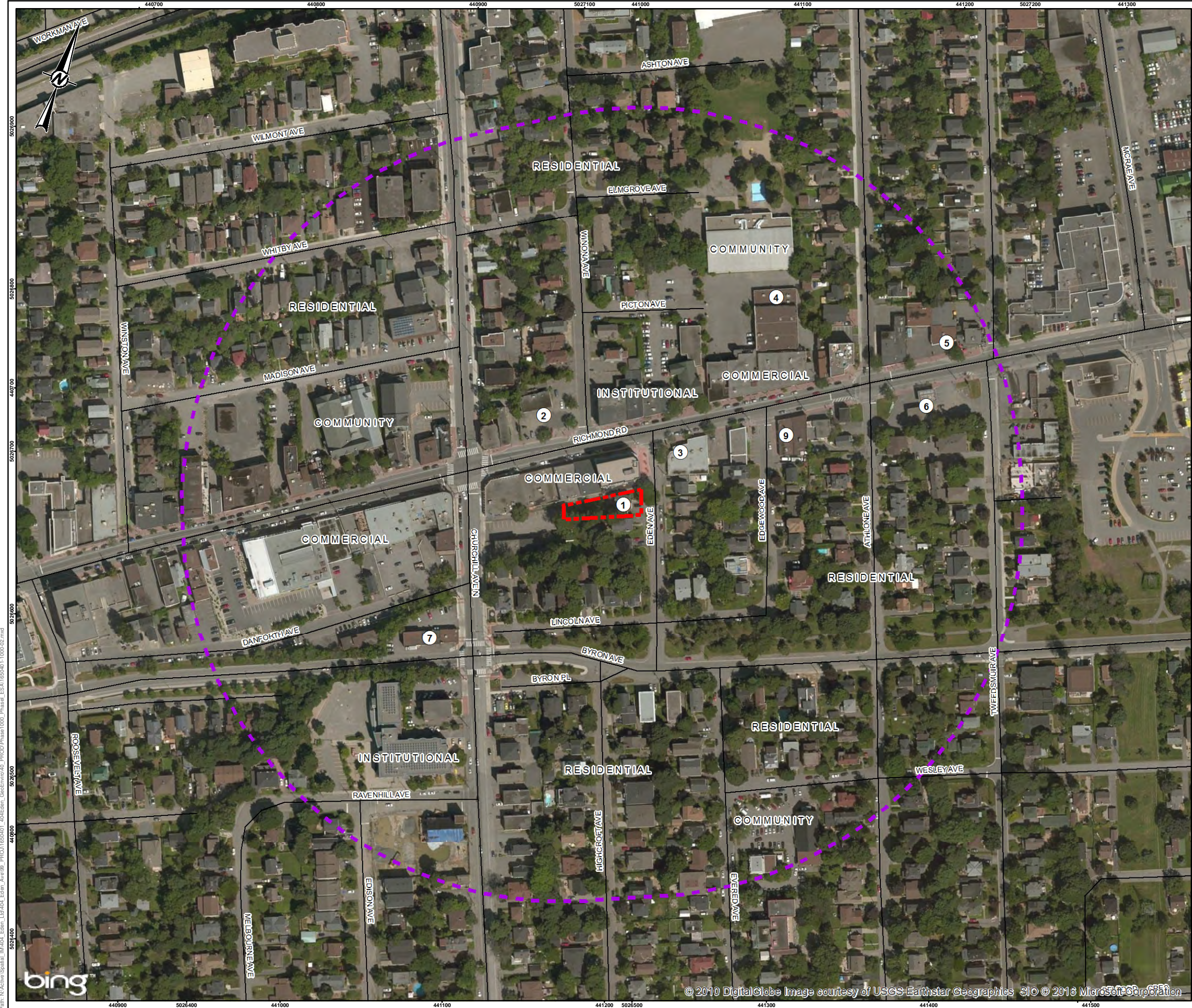
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FIGURE  
1

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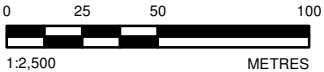
LEGEND

ROADWAY

PHASE ONE ESA SITE BOUNDARY

PHASE ONE ESA STUDY AREA

Potentially Contaminating Activity (PCA)		
Location	Detail	PCA #
1	Gasoline and Associated Products Storage in Fixed Tanks – Former presence of a fuel oil AST on the Phase One Property.	28
2	Gasoline and Associated Products Storage in Fixed Tanks and Commercial Autobody Shops – Former presence of a retail fuel outlet/automotive garage with four fuel USTs and current presence of an automotive garage.	28,10
3	Gasoline and Associated Products Storage in Fixed Tanks and Commercial Autobody Shops – Former presence of an automotive garage with two associated fuel USTs.	28,10
4	Commercial Autobody Shops – Former presence of an automotive garage.	10
5	Gasoline and Associated Products Storage in Fixed Tanks – Former presence of a retail fuel outlet with one associated fuel UST.	28
6	Gasoline and Associated Products Storage in Fixed Tanks – Current presence of a retail fuel outlet with one associated fuel UST.	28
7	Operation of Dry Cleaning Facility (where chemicals are used) – Current dry cleaning facility.	37
8	Gasoline and Associated Products Storage in Fixed Tanks – Former and/or current presence of fuel oil storage tanks, likely ASTs (not shown on figure as this PCA is located at various locations within the Phase One Study Area).	28
9	Operation of Dry Cleaning Facility (where chemicals are used) – Former dry cleaning facility.	37



NOTE(S)  
1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1650401-1000.

REFERENCE(S)  
1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEEN'S PRINTER 2014  
2. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83  
COORDINATE SYSTEM: UTM ZONE 18 VERTICAL DATUM: CGVD28

CLIENT  
404 EDEN LIMITED

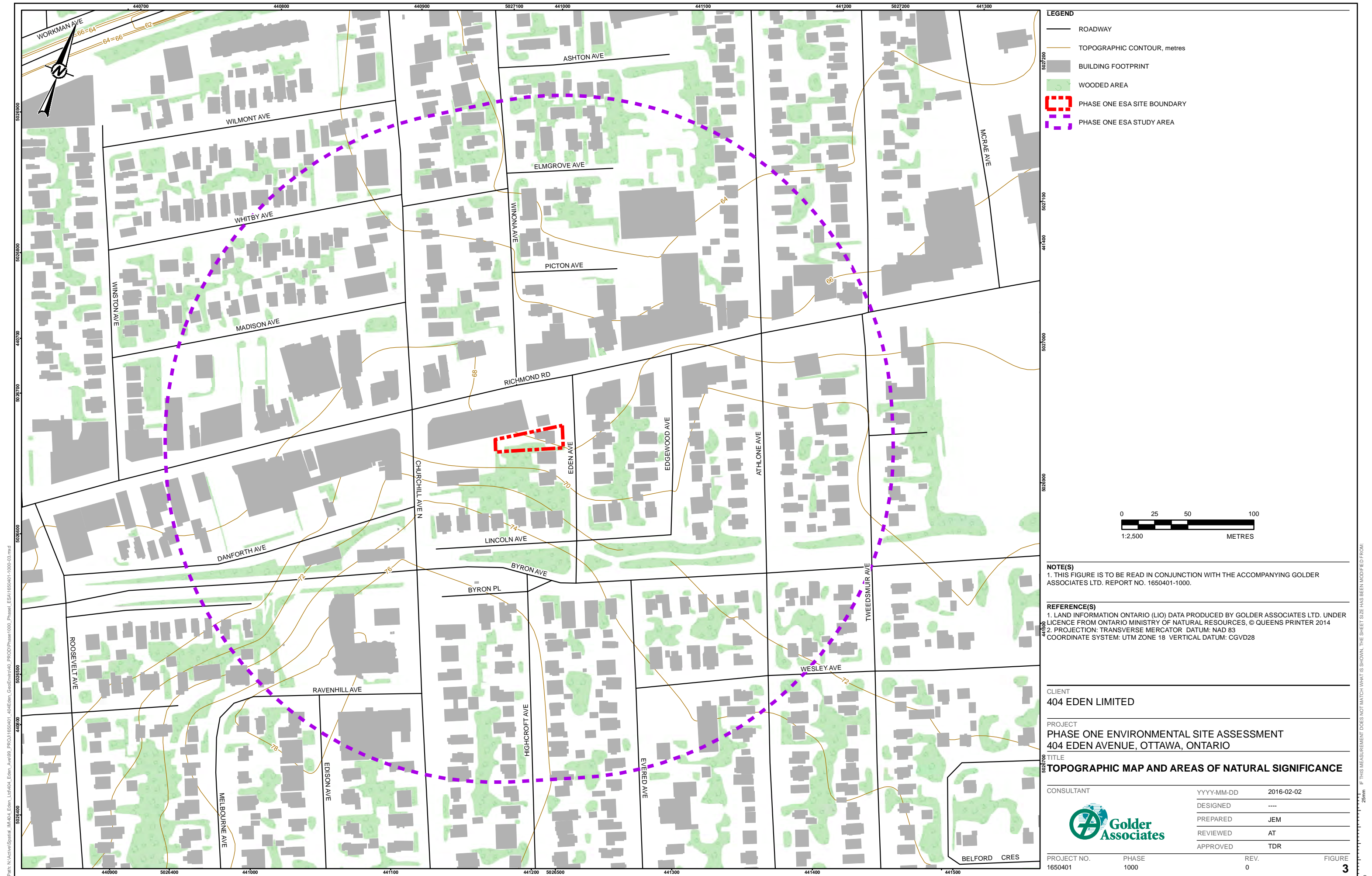
PROJECT  
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
404 EDEN AVENUE, OTTAWA, ONTARIO

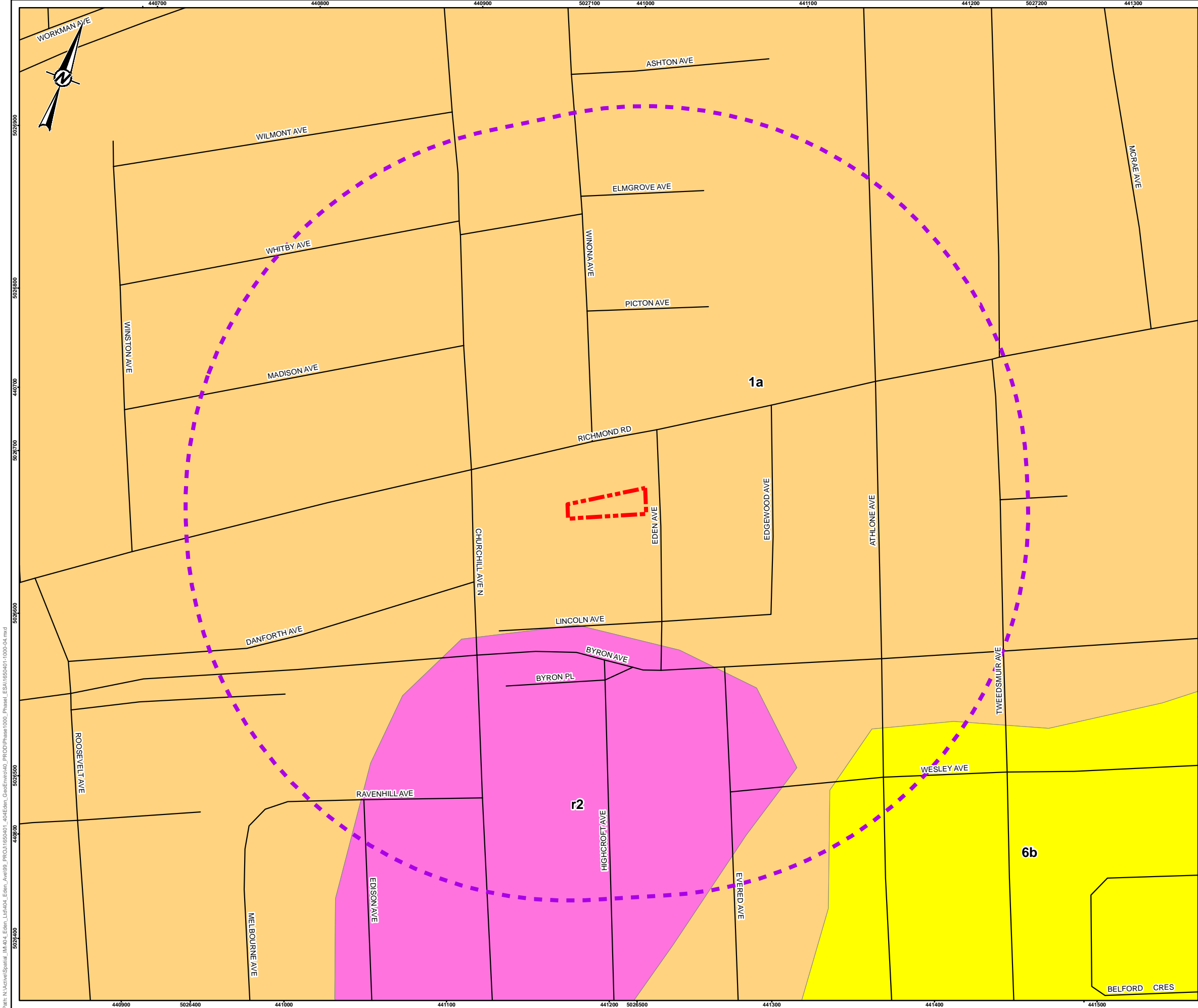
TITLE  
SITE PLAN

CONSULTANT	YYYY-MM-DD	2016-02-02
DESIGNED	----	
PREPARED	JEM	
REVIEWED	AT	
APPROVED	TDR	









**LEGEND**

ROADWAY

PHASE ONE ESA SITE BOUNDARY

PHASE ONE ESA STUDY AREA

6b: ALLUVIAL DEPOSITS: MEDIUM GRAINED STRATIFIED SAND WITH SOME SILT

1a. TILL, PLAIN WITH LOCAL RELIEF <5 m

r2. BEDROCK: LIMESTONE, DOLOMITE, SANDSTONE & LOCAL SHALE

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1:2,500

METRES

**NOTE(S)**

1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1650401-1000.

**REFERENCE(S)**

1. BÉLANGER, J. R. 2008 URBAN GEOLOGY OF THE NATIONAL CAPITAL AREA, GEOLOGICAL SURVEY OF CANADA. OPEN FILE 6311, 1 DVD.

2. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2014

3. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83

COORDINATE SYSTEM: UTM ZONE 18 VERTICAL DATUM: CGVD28

CLIENT

404 EDEN LIMITED

PROJECT

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

404 EDEN AVENUE, OTTAWA, ONTARIO

TITLE

SURFICIAL GEOLOGY

CONSULTANT

YYYY-MM-DD

2016-02-02

Golder Associates

DESIGNED

---

PREPARED

JEM

REVIEWED

AT

APPROVED

TDR

PROJECT NO.

1650401

PHASE

1000

REV.

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FIGURE

4

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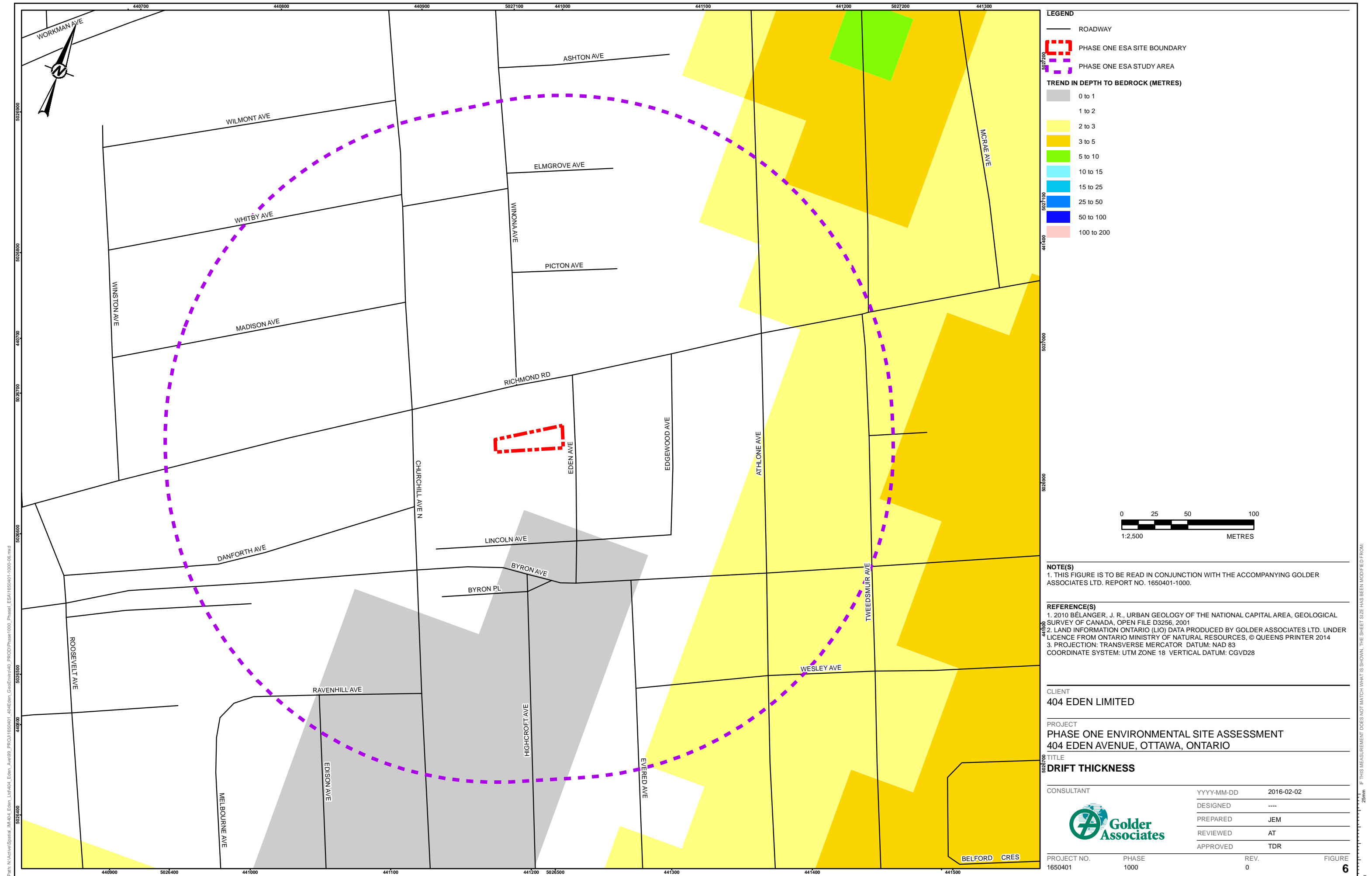
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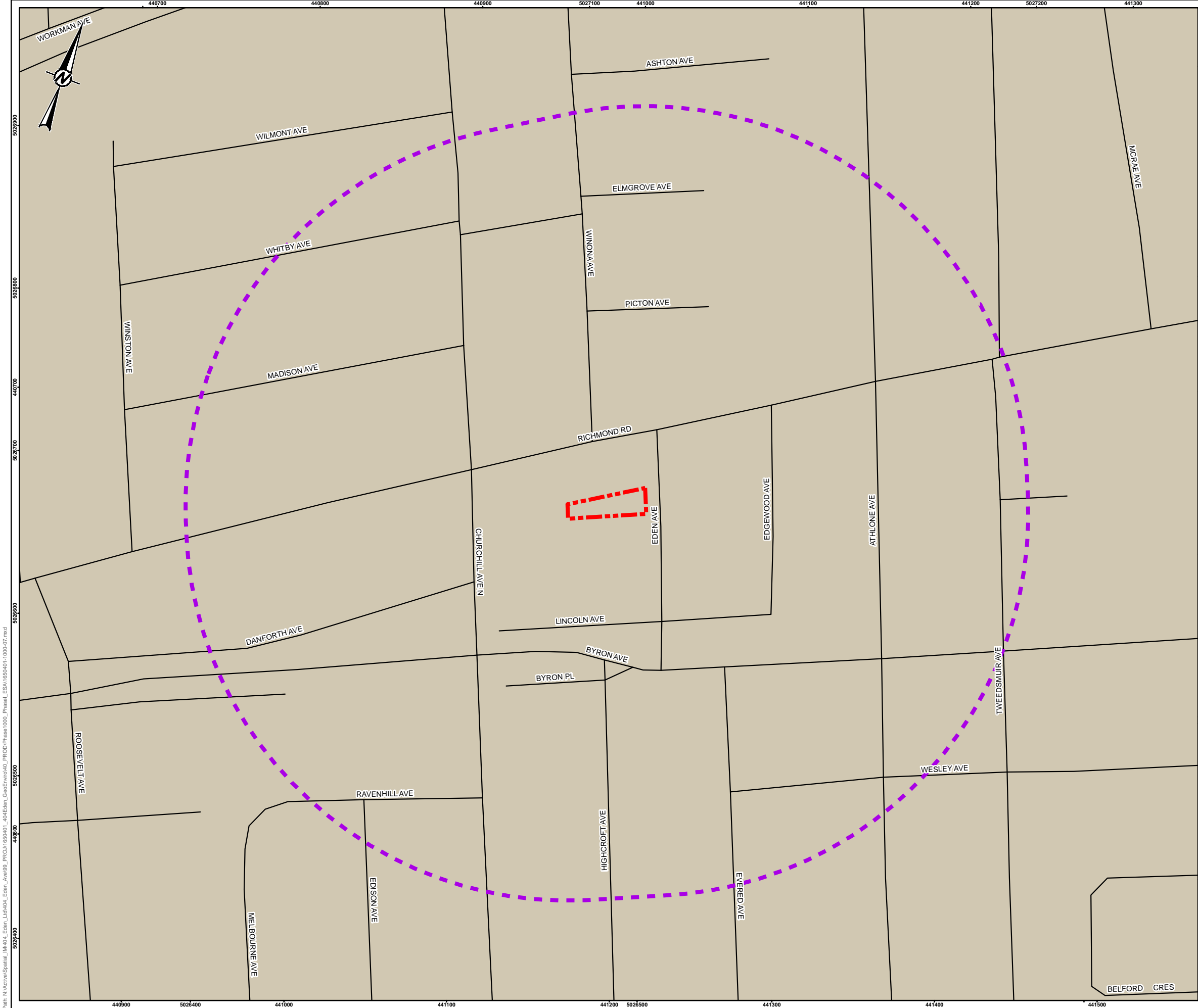
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**LEGEND**

- ROADWAY
- PHASE ONE ESA SITE BOUNDARY
- PHASE ONE ESA STUDY AREA
- URBAN

0 25 50 100  
1:2,500 METRES

**NOTE(S)**

1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1650401-1000.

**REFERENCE(S)**

1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2014  
2. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83  
COORDINATE SYSTEM: UTM ZONE 18 VERTICAL DATUM: CGVD28

CLIENT  
**404 EDEN LIMITED**

PROJECT  
**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
404 EDEN AVENUE, OTTAWA, ONTARIO**

TITLE  
**SURVEY SOIL COMPLEX (ONTARIO SOILS)**

CONSULTANT	YYYY-MM-DD	2016-02-02
DESIGNED	----	
PREPARED	JEM	
REVIEWED	AT	
APPROVED	TDR	

PROJECT NO. 1650401 PHASE 1000 REV. 0

FIGURE  
**7**





# **APPENDIX A**

## **Regulatory Responses**

**DATE** February 4, 2016

**PROJECT No.** 1650401

**TO** City of Ottawa  
Development Approvals Division

**TOTAL PAGES** 6 (Including cover sheet)

**FROM** Alyssa Troke

**EMAIL** alyssa\_troke@golder.com

**RE: INFORMATION REQUEST – PHASE I ENVIRONMENTAL SITE ASSESSMENT FOR 404 EDEN AVENUE, OTTAWA, ONTARIO**

To whom it may concern,

We are in the process of preparing a Phase I Environmental Site Assessment for the above noted property and are requesting that the City provide information from their files with respect to this property.

As per your requirements we have included the Request for Information – Phase I Environmental Site Assessment form, a disclaimer form, property owner authorization and key plan.

The information that we are requesting includes, but is not limited to, the following:

- Active Orders under the Environmental Protection Act (EPA), the Ontario Water Resources Act (OWRA), and the Pesticides Act (PA)
- Approvals
- Reports relating to environmental concerns
- Records of non-compliance or regulatory concerns
- Dumping infractions, spills or discharges to the environment
- Violations of sewer use or environmental by-laws
- Historic information related to landfill or dumpsites on or in proximity to the property
- Any other environmental information

Your usual prompt attention to this matter is appreciated. Should you have any questions please contact our office.

**GOLDER ASSOCIATES LTD.**

*Alyssa Troke*

Alyssa Troke  
Environmental Consultant

AT

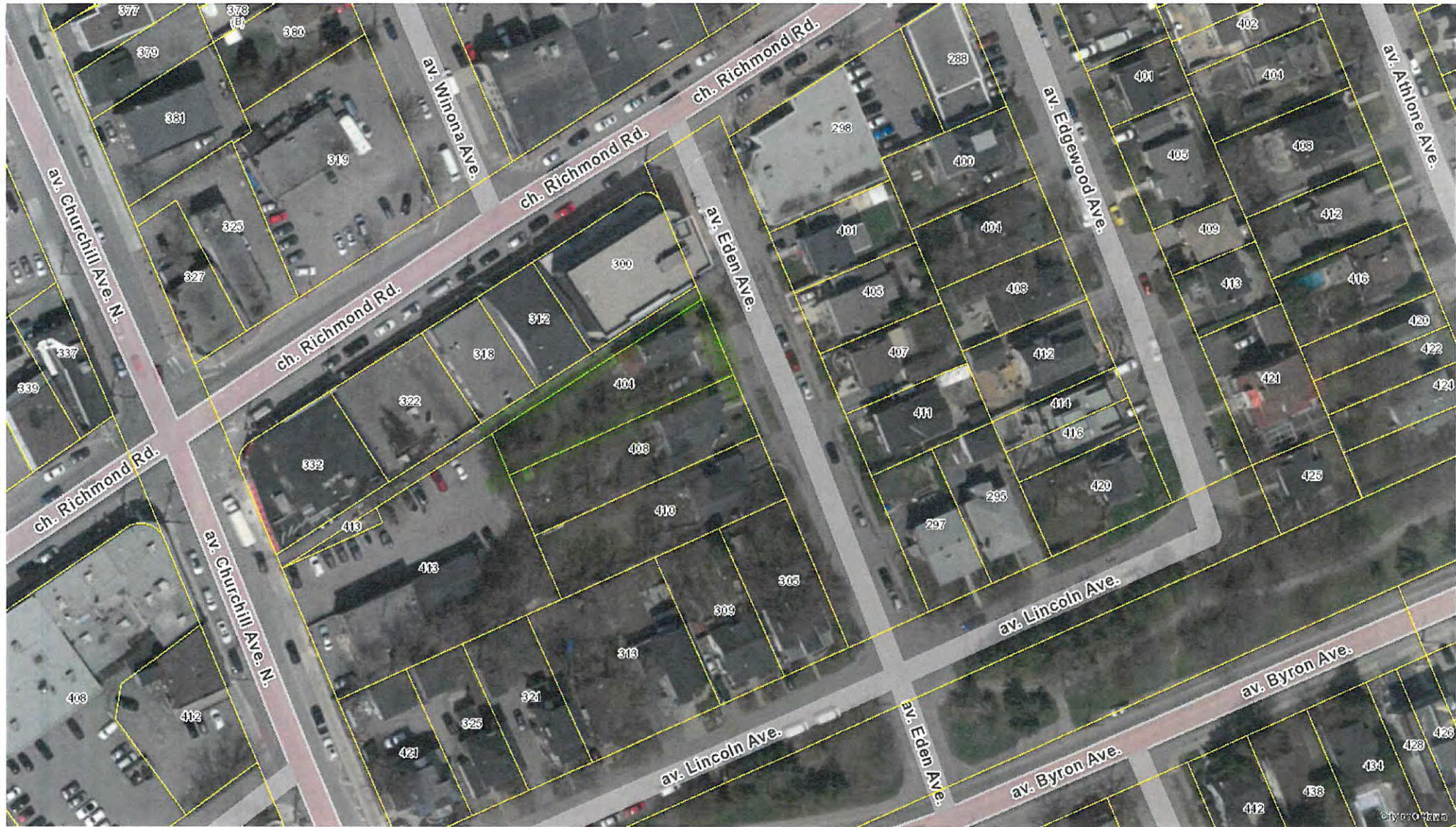
Hard copy to follow by mail: ☐ Yes ☒ No

Please advise immediately if any pages are not received. The document(s) included in this transmission are intended only for the recipient(s) names above and contain privileged and confidential information. Any unauthorized disclosure, dissemination or copying of this transmission is strictly prohibited. If you have received this transmission in error, please immediately notify our receptionist by telephone and destroy this transmission. Thank you.

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404 Eden Avenue, Ottawa, ON





# **DISCLAIMER**

## **For use with HLUI Database**

CITY OF OTTAWA ("the City") is the owner of the HISTORICAL LAND USE INVENTORY ("HLUI"), a database of information on the type and location of land uses within the geographic area of Ottawa, which had or have the potential to cause contamination in soil, groundwater or surface water.

*The City, in providing information from the HLUI, to Golder Associates Ltd. ("the Requester") does so only under the following conditions and understanding:*

1. This is a free service offered by the City.
2. The information which is contained in the HLUI has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided "as is".
3. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information to be provided by the City to the Requester is provided on the assumption that no person shall rely on it without undertaking independent verification of it for any purpose whatsoever and all liability to any such person is denied.
4. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.
5. Copyright is reserved to the City.
6. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.
7. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.
8. All information collected under this request and all records provided in response to this request are subject to the provisions of the *Municipal Freedom of Information and Protection of Privacy Act*, R.S.O. 1990,c. M56, as amended.

Signed: Alyssa Troke  
Per: Alyssa Troke  
(Please print name)  
Title: Environmental Consultant  
Company: Golder Associates Ltd.

Dated: February 4, 2016

## CONFIDENTIAL

File No.: 1650401  
Deadline for Response: ASAP

### Phase 1 – Environmental Site Assessment

## Request for Information

(Informal Request)\*

### 1. REQUESTER INFORMATION

- a) Name of Requester: Alyssa Troke
- b) Address of Requester: 1931 Robertson Road, Ottawa, ON, K2H 5B7
- c) Telephone Number: 613-592-9600 x 4299
- d) Site Address: Lot-\_\_\_\_\_ Concession:\_\_\_\_\_  
Street: 404 Eden Avenue City/Town: Ottawa  
Postal Code: \_\_\_\_\_
- e) Legal Plan Attached: Yes ( ) No ( X )
- f) Site Owner: 404 Eden Ltd.
- g) Adjacent Property Owners: \_\_\_\_\_
- h) \_\_\_\_\_
- i) Date of Ownership: \_\_\_\_\_  
Previous Owner(s): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- j) Type of Site: ( ) vacant, ( X ) residential, ( ) commercial,  
( ) other (specify) \_\_\_\_\_
- k) Requestors relationship to Site: Consultant
- l) Date of Previous Request: -
- m) Date of Previous ESA: -
- n) Information Requested: As per cover sheet

### 2. CONFIDENTIALITY

- a) Consent Required: ( X ) Owner ( ) Tenant ( ) Purchaser ( ) Legal\*\*
- b) Consent Obtained: ( X ) Owner ( ) Tenant ( ) Purchaser ( ) Legal\*\*

\*(If formal MFIPPA request, please forward to Corporate Access and Privacy Coordinator, Clerk's Department)

\*\* (Consent letters must contain the information required, give authorization to requestor, and be dated and signed)

**This form is to be completed by the property owner/agent and forwarded to Golder Associates Ltd. who will then append it with a request for information to the City. The intent of the form is to notify the City that Golder Associates Ltd. is authorised to access the requested environmental information.**

**Civic Address**                404 Eden Avenue

Ottawa, ON, K1Z 5H9

**Legal Description**                Plan 277 Lot 101, City of Ottawa

Owner JORDAN TANNIS

Phone Number 613 273 2110

Fax Number /

Owner Representative JORDAN TANNIS

Owner Representative Signature [Signature]

Date FEB 3 / 16

February 16, 2016

Alyssa Troke  
Golder Associates  
1931 Robertson Road,  
Ottawa, ON  
K2H 5B7

*Sent via email [alyssa\_troke@golder.com]*

Dear Ms. Troke,

**Re: Information Request  
404 Eden Avenue, Ottawa, Ontario ("Subject Property")**

**Internal Department Circulation**

The Planning and Growth Management Department has the following information in response to your request for information regarding the Subject Property:

- No information was returned on the Subject Property from Departmental circulation.

**Search of Historical Land Use Inventory**

**This acknowledges receipt of the signed Disclaimer regarding your request for information from the City's Historical Land Use Inventory (HLUI 2005) database for the Subject Property.**

A search of the HLUI database revealed the following information:

- There are no activities associated with the Subject Property.

The HLUI database was also searched for activity associated with properties located within 50m of the Subject Property. The search revealed the following:

- There are 19 activities associated with properties located within 50m of the Subject Property: Activity Numbers 5205, 11309, 11678, 13150, 14314, 1691, 1810, 242, 9798, 1461, 5172, 991, 1470, 9402, 13739, 3086, 3771, 6078, and 15092.

*Shaping our future together  
Ensemble, formons notre avenir*

City of Ottawa  
Infrastructure Services and Community  
Sustainability Department  
Planning and Growth Management Branch  
  
110 Laurier Avenue West, 4th Floor  
Ottawa, ON K1P 1J1  
Tel: (613) 580-2424 ext. 14743  
Fax: (613) 560-6006  
[www.ottawa.ca](http://www.ottawa.ca)

Ville d'Ottawa  
Services d'infrastructure et Viabilité des  
collectivités  
Direction de l'approbation des demandes  
d'aménagement et d'infrastructure  
  
110, avenue Laurier Ouest, 4e étage  
Ottawa (Ontario) K1P 1J1  
Tél.: (613) 580-2424 ext. 14743  
Télééc: (613) 560-6006  
[www.ottawa.ca](http://www.ottawa.ca)



A site map has been included to show the location of the Subject Property as well as the location of all the activities noted above.

Additional information may be obtained by contacting:

### **Ontario's Environmental Registry**

The Environmental Registry found at <http://www.ebr.gov.on.ca/ERS-WEB-External/> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using key words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

### **The Ontario Land Registry Office**

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House  
161 Elgin Street 4th Floor  
Ottawa ON K2P 2K1  
Tel: (613) 239-1230  
Fax: (613) 239-1422

**Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.**

**Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.**

**Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment for additional information.**

If you have any further questions or comments, please contact Tracy Tang at 613-580-2424 ext. 14743 or [HLUI@ottawa.ca](mailto:HLUI@ottawa.ca)

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Wise', with a horizontal line extending from the end.

David Wise, MUP, MCIP, RPP  
Program Manager  
Development Review (Suburban Services) - West  
Planning and Growth Management Department

DW /TT

Attach: 21

cc: File no. C10-01-16-0044






Scale 1: n/a

404 Eden Avenue  
Ottawa, ON  
File # C10-01-16-0044  
Tracy Tang



ID# = Activity Identification Number

 = Subject Site

Overview

**CITY OF OTTAWA**HLUI ID: 679EED

AREA (Square Metres): 965.655

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:16:33

**Study Year**  
1998**PIN**  
040200145**Multi-NAIC**  
Y**Multiple Activities**  
N

---

**Activity ID:** 5205      **Multiple PINS:** N

**PIN Certainty:** 1      **Previous Activity ID(s) :** 4344

**Related PINS:** 040200145

**Name:** ELGIN MOTORS - ROVALE MOTORS

**Address:** RICHMOND ROAD, OTTAWA

**Facility Type:** Motor Vehicle Repair Shops

**Comments 1:** - property is on NW corner of Richmond & Eden Ave. Site is located on south side, on SW corner of Richmond Road and Eden Avenue.

**Comments 2:** 298 to 300

**Generator Number:**

**Storage Tanks:** Two (2), gasoline, underground storage tanks (USTs) shown in FIP1956; only one (1), gasoline, UST shown in FIP19

**HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1948, M.1950, M.1956, M.1960, M.1970, M.1980; FIP1922-263-584,vol2; FIP1948-309-584,vol3; FIP1956-309-1-584,vol3.

**HL References 2:**

**HL References 3:**

NAICS	SIC
811119	635
811121	635
811112	635

Company Name	Year of Operation
Unnamed garage	c. 1922
Standard Garage	c. 1930
John P Morris	c. 1940
Elgin Motors - Rovale Motors	c. 1956-1970
Nepean Motors	c. 1948



CITY OF OTTAWA

HLUI ID: \_\_679GYL

AREA (Square Metres): 2252.153

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:18:30

Study Year  
1998

PIN  
040200097

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 11309 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040200097

Name: QUILTERS & SEAMS

Address: 313 RICHMOND ROAD, OTTAWA

Facility Type: Appliance, Television, Radio and Stereo Stores

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS SIC

443110 0

Company Name

QUILTERS & SEAMS

Year of Operation

c. 2001



CITY OF OTTAWA

HLUI ID: \_\_679GYL

AREA (Square Metres): 2252.153

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:18:30

Study Year  
1998

PIN  
040200097

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 11678 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040200097

Name: RUSCO OTTAWA

Address: 383 WINONA AVENUE,

Facility Type: Lumber and Building Materials, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS SIC

444110 0

Company Name

RUSCO OTTAWA

Year of Operation

c. 2005

**CITY OF OTTAWA**

HLUI ID: \_\_679GYL

AREA (Square Metres): 2252.153

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:18:30

**Study Year**  
1998**PIN**  
040200097**Multi-NAIC**  
Y**Multiple Activities**  
Y**Activity ID:** 13150**Multiple PINS:** N**PIN Certainty:** 1**Previous Activity ID(s) :** 6247**Related PINS:** 040200097**Name:** THE WHITEWOOD SHOP**Address:** RICHMOND ROAD, OTTAWA**Facility Type:** Sash, Door and Other Millwork Industries**Comments 1:** Located on the north east corner of Winona. The property runs to Picton Avenue in rear.**Comments 2:****Generator Number:****Storage Tanks:****HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1950; FIP1922-254-580,vol2; FIP1956-309-1-580,vol3; BEP 1950**HL References 2:****HL References 3:**

NAICS	SIC
321215	254
337123	261
337126	261
321911	254
337110	254
321992	254
337121	261

**Company Name**

The Whitewood Shop

W. Woodhouse (Ogilvie) Furniture Factory Ltd.

**Year of Operation**

c. 1940-1956

c. 1942



CITY OF OTTAWA

HLUI ID: \_\_679GYL

AREA (Square Metres): 2252.153

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:18:30

Study Year  
1998

PIN  
040200097

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 14314 Multiple PINS: N  
PIN Certainty: 1 Previous Activity ID(s) : 6239, 6248  
Related PINS: 040200097  
Name: UNNAMED GAS AND AUTO REPAIR CENTRE  
Address: RICHMOND ROAD, OTTAWA  
Facility Type: Motor Vehicle Repair Shops  
Comments 1:  
Comments 2:  
Generator Number:  
Storage Tanks:  
HL References 1: BEP 1950  
HL References 2:  
HL References 3:

NAICS	SIC
811112	635
811119	635
811199	633
447190	633
447110	633
811121	635
811411	994

Company Name

Unnamed Gas and Auto Repair Centre  
Unnamed Gas and Auto Repair

Year of Operation

c. 1911  
c. 1950



CITY OF OTTAWA

HLUI ID: \_\_679GYL

AREA (Square Metres): 2252.153

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:18:30

Study Year  
1998

PIN  
040200097

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 1691 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040200097

Name: BLAIR'S MECHANICAL INC.

Address: 311 RICHMOND ROAD,

Facility Type: Highway and Heavy Construction

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
-------	-----

238910	0
--------	---

238220	0
--------	---

238210	0
--------	---

Company Name

BLAIR'S MECHANICAL INC.

Year of Operation

c. 2005



**CITY OF OTTAWA**

HLUI ID: \_\_679GYL

AREA (Square Metres): 2252.153

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:18:30

**Study Year**  
1998**PIN**  
040200097**Multi-NAIC**  
Y**Multiple Activities**  
Y

---

**Activity ID:** 1810      **Multiple PINS:** N  
**PIN Certainty:** 1      **Previous Activity ID(s) :** 5069  
**Related PINS:** 040200097  
**Name:** GENERATION 2000 PRINTERS & GRAPHIC DESIGN  
**Address:** 383 WINONA AVENUE, OTTAWA  
**Facility Type:** Commercial Printing Industries  
**Comments 1:**  
**Comments 2:**  
**Generator Number:**  
**Storage Tanks:**  
**HL References 1:** SC98  
**HL References 2:**  
**HL References 3:** 2001 Employment Survey

NAICS	SIC
323115	281
323114	281
323115	0
323116	281
323119	281

**Company Name**

GENERATION 2000 PRINTERS &amp; GRAPHIC DESIGN

Bee'zee Bee Printers

**Year of Operation**

c. 2001

c. 1998



CITY OF OTTAWA

HLUI ID: \_\_679GYL

AREA (Square Metres): 2252.153

Report:

RPTC\_OT\_DEV0122

Run On:

05 Feb 2016 at: 09:18:30

Study Year  
1998PIN  
040200097Multi-NAIC  
YMultiple Activities  
Y

---

Activity ID: 242 Multiple PINS: N  
PIN Certainty: 1 Previous Activity ID(s) :  
Related PINS: 040200097  
Name: AQUITAINE BUILDING CORP  
Address: 311 RICHMOND ROAD,  
Facility Type: Residential Building and Development  
Comments 1:  
Comments 2:  
Generator Number:  
Storage Tanks:  
HL References 1:  
HL References 2:  
HL References 3: 2005 Select Phone

NAICS	SIC
236110	0

Company Name	Year of Operation
BIOPEAK CORPORATION	c. 2005
AQUITAINE BUILDING CORP	c. 2005
OTTAWA COMMERCIAL INTERIORS	c. 2005



CITY OF OTTAWA

HLUI ID: \_\_679GYL

AREA (Square Metres): 2252.153

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:18:30

Study Year  
1998PIN  
040200097Multi-NAIC  
YMultiple Activities  
Y

Activity ID: 9798 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040200097

Name: NEWSWEST INC.

Address: 311 RICHMOND ROAD,

Facility Type: Combined Publishing and Printing Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS SIC

511110 0

Company Name

NEWSWEST INC.

Year of Operation

c. 2005



CITY OF OTTAWA

HLUI ID: \_\_67996Q

AREA (Square Metres): 490.483

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:22:00

Study Year  
2005

PIN  
040200203

Multi-NAIC  
N

Multiple Activities  
N

Activity ID: 991 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040200203

Name: AKIRE STAINED GLASS DESIGN

Address: 309 LINCOLN AVENUE, OTTAWA

Facility Type: Exterior Close In Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS SIC

238150 0

Company Name

AKIRE STAINED GLASS DESIGN

Year of Operation

c. 2001

**CITY OF OTTAWA**

HLUI ID: \_\_67902T

AREA (Square Metres): 537.114

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:22:38

**Study Year**  
2005**PIN**  
040200126**Multi-NAIC**  
Y**Multiple Activities**  
N**Activity ID:** 1470 **Multiple PINS:** N**PIN Certainty:** 1 **Previous Activity ID(s) :****Related PINS:** 040200126**Name:** AUSTRIAN HOME RENOVATIONS**Address:** 421 CHURCHILL AVENUE NORTH,**Facility Type:** Residential Building and Development**Comments 1:****Comments 2:****Generator Number:****Storage Tanks:****HL References 1:****HL References 2:****HL References 3:** 2005 Select Phone**NAICS** **SIC**

238310 0

236110 0

**Company Name**

AUSTRIAN HOME RENOVATIONS

AUSTRIAN HOME RENOVATIONS

**Year of Operation**

c. 2001

c. 2005

**CITY OF OTTAWA**

HLUI ID: \_\_67902S

AREA (Square Metres): 1676.871

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:23:09

**Study Year**  
2005**PIN**  
040200154**Multi-NAIC**  
N**Multiple Activities**  
N**Activity ID:** 9402 **Multiple PINS:** Y**PIN Certainty:** 1 **Previous Activity ID(s) :****Related PINS:** 040200154**Name:** NATION DRYWALL CONTRACTORS LIMITED**Address:** 413 CHURCHILL AVENUE NORTH,**Facility Type:** Exterior Close In Work**Comments 1:****Comments 2:****Generator Number:****Storage Tanks:****HL References 1:****HL References 2:****HL References 3:** 2005 Select Phone**NAICS** **SIC**

238310 0

**Company Name**

NATION DRYWALL CONTRACTORS LIMITED

NATION DRYWALL CONTRACTORS LIMITED

**Year of Operation**

c. 2001

c. 2005



CITY OF OTTAWA

HLUI ID: \_\_679A1A

AREA (Square Metres): 39.075

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:24:09

Study Year  
2005

PIN  
040200154

Multi-NAIC  
N

Multiple Activities  
N

Activity ID: 9402 Multiple PINS: Y

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040200154

Name: NATION DRYWALL CONTRACTORS LIMITED

Address: 413 CHURCHILL AVENUE NORTH,

Facility Type: Exterior Close In Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS SIC

238310 0

Company Name

Year of Operation

NATION DRYWALL CONTRACTORS LIMITED

c. 2001

NATION DRYWALL CONTRACTORS LIMITED

c. 2005



CITY OF OTTAWA

HLUI ID: \_\_679AXU

AREA (Square Metres): 513.552

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:26:02

**Study Year**  
2005

**PIN**  
040200149

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 13739 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :**

**Related PINS:** 040200149

**Name:** VALBERG IMAGING INC.

**Address:** 322 RICHMOND ROAD,

**Facility Type:** Photographers

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

**NAICS** **SIC**

541920 0

**Company Name**

VALBERG IMAGING INC.

**Year of Operation**

c. 2005





CITY OF OTTAWA

HLUI ID: \_\_679B66

AREA (Square Metres): 308.803

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:26:41

**Study Year**  
2005

**PIN**  
040200148

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 3086 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :**

**Related PINS:** 040200148

**Name:** CAPITAL WIG DESIGN

**Address:** 318 RICHMOND ROAD, OTTAWA

**Facility Type:** Other Rubber Products Industries

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

NAICS	SIC
339990	0

**Company Name**

CAPITAL WIG DESIGN

**Year of Operation**

c. 2001



CITY OF OTTAWA

HLUI ID: \_\_670115

AREA (Square Metres): 308.304

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:27:32

Study Year  
1998PIN  
040200147Multi-NAIC  
YMultiple Activities  
Y

---

Activity ID: 3771 Multiple PINS: N  
PIN Certainty: 1 Previous Activity ID(s) : 3212  
Related PINS: 040200147  
Name: CORLEY CLEANERS  
Address: 312 RICHMOND ROAD, OTTAWA  
Facility Type: Laundries and Cleaners  
Comments 1:  
Comments 2:  
Generator Number:  
Storage Tanks:  
HL References 1: M.1960, M.1970, M.1980  
HL References 2:  
HL References 3:

NAICS	SIC
812310	972
812320	972
561740	972
812330	972

**Company Name**

Corley Cleaners

**Year of Operation**

c. 1970

**CITY OF OTTAWA**

HLUI ID: \_\_670115

AREA (Square Metres): 308.304

Report: RPTC\_OT\_DEV0122

Run On: 05 Feb 2016 at: 09:27:32

**Study Year**  
1998**PIN**  
040200147**Multi-NAIC**  
Y**Multiple Activities**  
Y**Activity ID:** 6078 **Multiple PINS:** N**PIN Certainty:** 1 **Previous Activity ID(s) :****Related PINS:** 040200147**Name:** FORBIE ACTIVEWEAR**Address:** 314 RICHMOND ROAD, OTTAWA**Facility Type:** Other Textile Products Industries**Comments 1:****Comments 2:****Generator Number:****Storage Tanks:****HL References 1:****HL References 2:****HL References 3:** 2001 Employment Survey**NAICS** **SIC**

315990 0

**Company Name**

FORBIE ACTIVEWEAR

**Year of Operation**

c. 2001



CITY OF OTTAWA  
HLUI ID: \_\_679B3D  
AREA (Square Metres): 621.106

Report: RPTC\_OT\_DEV0122  
Run On: 05 Feb 2016 at: 09:29:16

**Study Year**  
2005

**PIN**  
040200146

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 15092 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :**

**Related PINS:** 040200146

**Name:** G CARS

**Address:** 300 RICHMOND ROAD, OTTAWA

**Facility Type:** USED CAR SALES

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:**

**NAICS** **SIC**

811121 0

**Company Name**

G CARS

**Year of Operation**

c. 2006



CITY OF OTTAWA  
HLUI ID: \_\_679FMY  
AREA (Square Metres): 1329.529

Report: RPTC\_OT\_DEV0122  
Run On: 05 Feb 2016 at: 09:41:21

Study Year  
1998

PIN  
040200003

Multi-NAIC  
Y

Multiple Activities  
Y

---

Activity ID: 1461 Multiple PINS: N  
PIN Certainty: 1 Previous Activity ID(s) :  
Related PINS: 040200003  
Name: AVENUES GARAGE LIMITED  
Address: 319 RICHMOND ROAD, OTTAWA  
Facility Type: Gasoline Service Stations  
Comments 1:  
Comments 2:  
Generator Number:  
Storage Tanks:  
HL References 1:  
HL References 2:  
HL References 3: 2005 Property Assessment

NAICS	SIC
811111	0
447110	0
447190	0

Company Name	Year of Operation
AVENUES GARAGE LIMITED	c. 2001
AVENUES GARAGE LIMITED	c. 2005



## CITY OF OTTAWA

HLUI ID: \_\_679FMY

AREA (Square Metres): 1329.529

Report:

RPTC\_OT\_DEV0122

Run On:

05 Feb 2016 at: 09:41:21

Study Year  
1998PIN  
040200003Multi-NAIC  
YMultiple Activities  
Y

Activity ID: 5172 Multiple PINS: N  
PIN Certainty: 1 Previous Activity ID(s) : 1259

Related PINS: 040200003

Name: ED AND DAN BP SERVICE STATION

Address: 319 RICHMOND ROAD, OTTAWA

Facility Type: Gasoline Service Stations

Comments 1:

Comments 2:

Generator Number:

Storage Tanks: Four (4), gasoline, underground storage tanks, located on south section of property shown on FIPs 1948 and 1956.

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1949, M.1950, M.1957, M.1960, M.1970, M.1980; SC98;  
FIP1912,vol2; FIP1922-254-579,vol2; FIP1948-308-579,vol3; FIP1956-308-3-579,vol3.

HL References 2:

HL References 3:

NAICS	SIC
811121	635
811119	635
811199	633
447110	633
811112	635
447190	633

## Company Name

## Year of Operation

B Wm Elliot

c. 1940-1956

21st Century Motors

c. 1998

McClelland Service Station

c. 1960

Ed and Dan BP Service Station

c. 1980

Gibson's Supertest Service Station

c. 1970

Supertest Petroleum Ltd.

c. 1948-1956



## Natural Areas and Features Information Request Form

### Contact Information

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_ Owner \_\_\_\_\_ Consultant \_\_\_\_\_  
 E-mail Address: \_\_\_\_\_

**\*All red fields are mandatory**

*This includes X & Y Coordinates.*

*Please see \_\_\_\_\_ for assistance.*

### Site Information

Project Name: \_\_\_\_\_

Township: \_\_\_\_\_ Lot: \_\_\_\_\_ Concession: \_\_\_\_\_

X: \_\_\_\_\_ Y: \_\_\_\_\_ Address: \_\_\_\_\_

*\*\*If more than 1 site, please provide all individual coordinates in an attached spreadsheet*

### Type of Proposal

- ☐ Severance / Zoning ☐ Drains / Roads / Culverts  
☐ Hydroline clearing ☐ Small Scale Projects (less than 5 hectares)  
☐ RE Projects ☐ Large Scale Projects (5 hectares or greater)  
☐ Aggregate Project Other: \_\_\_\_\_

### Attachments

**\*\*\*Please attach a Site Map showing the area of interest**

☐ Picture ☐ Map(s) ☐ Engineered Drawings Other: \_\_\_\_\_

### Request

I would like to request the following information for the property identified above:

To better respond to your request please briefly outline the purpose for which this information is required (e.g. proposed development, lot severance, etc. or attach details):

**Date of works proposed:** \_\_\_\_ / \_\_\_\_ / \_\_\_\_

*Personal information contained in this form is collected in order to fulfill your request, respond to your inquiries and for other administration purposes. With regard to the personal information it collects, the ministry is bound by privacy protection rules under the Freedom of Information and Protection of Privacy Act and takes all necessary steps to safeguard personal information collected.*

**Please Note:** This request **MUST** be made by the property owner or by someone acting on their behalf.  
 Depending on the nature of the request, it may take 6-8 weeks to respond to your inquiry.  
 If the request does not include the mandatory information, it may delay response time.

**I have read the above and agree to all Terms and Conditions**

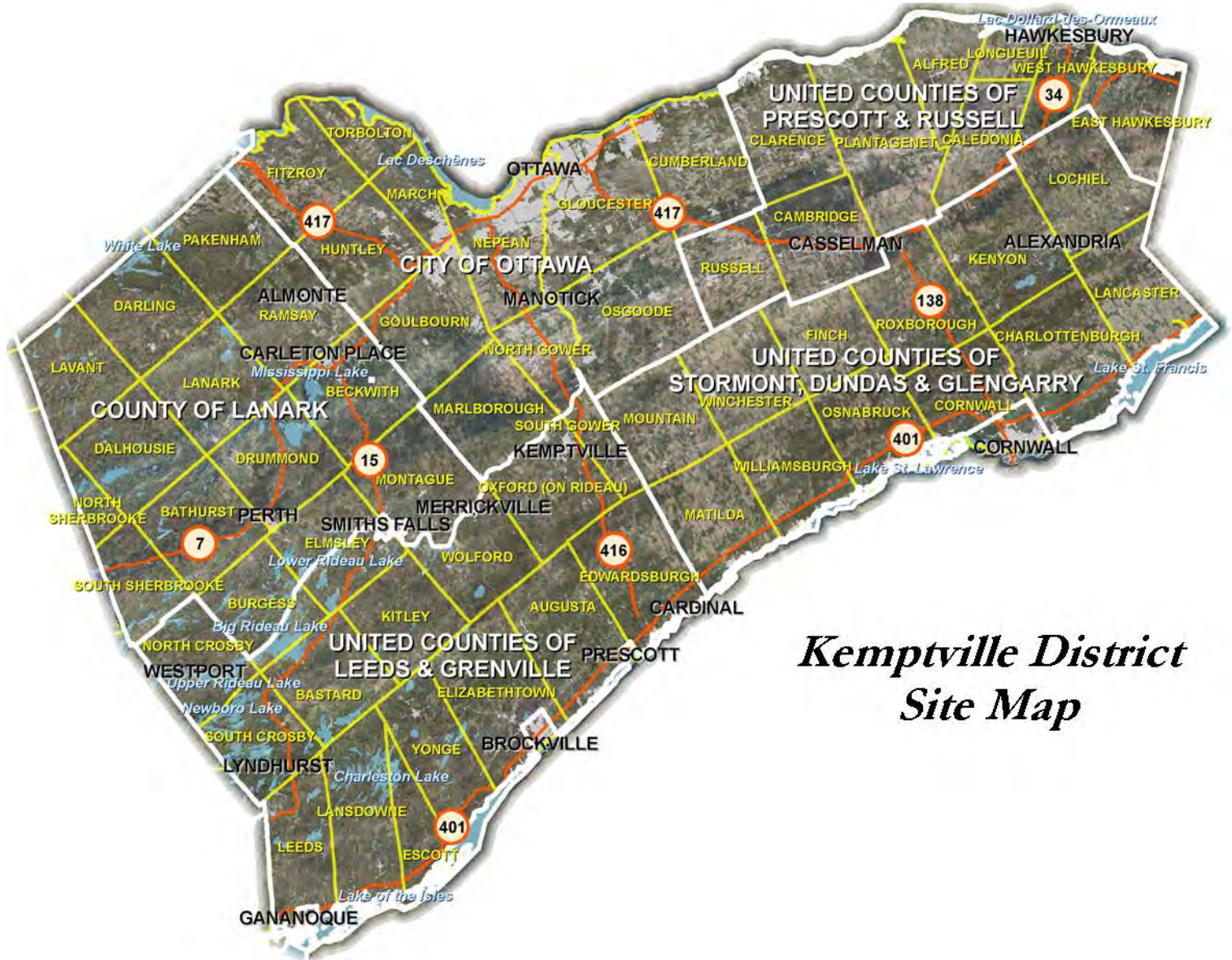
Please forward the completed form to:

OR Fax: 613-258-3920

Attention: Information Requests  
 10 Campus Drive, Postal Bag 2002  
 Kempeville, ON K0G 1J0

MNR File Number: \_\_\_\_\_





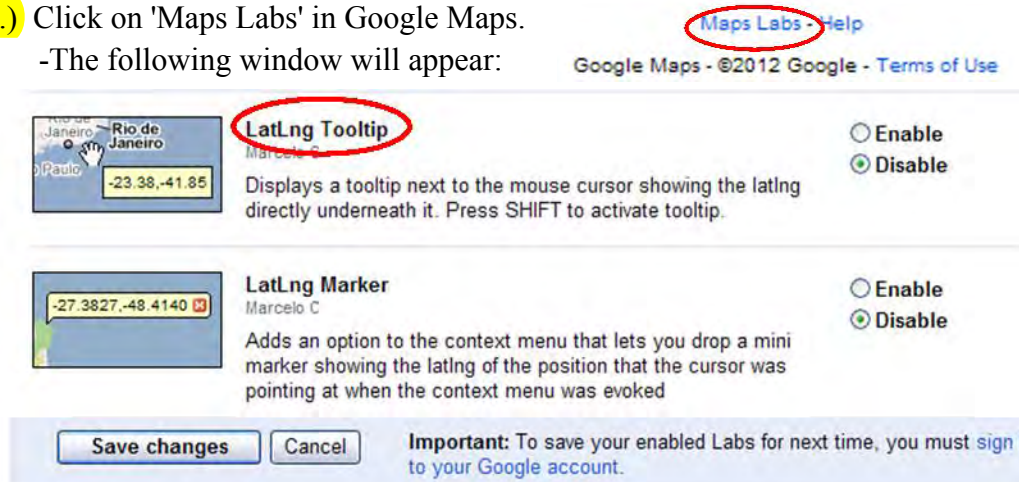
## *Kemptville District Site Map*

### How to get X, Y coordinates from Google Maps (2 options):

- 1.) Right-click on the map, at the point of interest, and select 'What's here?'.  
-The Latitude & Longitude of the mouse click, in decimal degrees, will automatically appear in the Search box.

**OR**

- 2.) Click on 'Maps Labs' in Google Maps.  
-The following window will appear:



- Enable the LatLng Tooltip and then Save Changes.
- Now every time the **SHIFT** button is pressed in Google Maps, a Tool tip will appear with the Latitude and Longitude of the mouse location in decimal degrees.

**Ministry of Natural  
Resources and Forestry**

Kemptville District

10 Campus Drive  
Postal Box 2002  
Kemptville ON K0G 1J0  
Tel.: 613 258-8204  
Fax: 613 258-3920

**Ministère des Richesses  
naturelles et des Forêts**

District de Kemptville

10, promenade Campus  
Case postale, 2002  
Kemptville ON K0G 1J0  
Tél.: 613 258-8204  
Téléc.: 613 258-3920



Mon. Feb 8, 2016

Alyssa Troke  
Claw Environmental Services  
1931 Robertson Road  
Ottawa, Ontario  
K2H 5B7  
(613) 592-4006 ext 4278  
alyssa\_troke@golder.com

Attention: Alyssa Troke

**Subject: Information Request - Developments**  
**Project Name: Phase 1 Environmental Site Assessment for 404 Eden Ave.**  
**Site Address: 404 Eden Ave. Ottawa**  
**Our File No. 2016\_NEP-3357**

**Natural Heritage Values**

The Ministry of Natural Resources and Forestry (MNRF) Kemptville District has carried out a preliminary review of the area in order to identify any potential natural resource and natural heritage values.

The MNRF works closely with partner agencies and local municipalities in order to establish concurrent approval process and to achieve streamlined and efficient service delivery. The MNRF strongly encourages all proponents to contact partner agencies (e.g. MOECC, Conservation Authority, etc.) and appropriate municipalities early on in the planning process. This provides the proponent with early knowledge regarding agency requirements and approval timelines.

There are no known Natural Heritage Features (e.g. Provincially Significant Wetlands, Areas of Natural and Scientific Interest, etc.) identified on or in close proximity to the site.

Municipal Official Plans contain additional information related to natural heritage features. Please see the local municipal Official Plan for more information such as specific policies and direction pertaining to activities which may impact natural heritage features. For planning advice or Official Plan interpretation, please contact the local municipality.

Where natural values and natural hazards exist (e.g., floodplains), there may be additional approvals and permitting required from the local Conservation Authority. The MNRF strongly recommends contacting the local Conservation Authority for further information and approvals. Please see the MNRF Kemptville Information Guide (2012) for contact information pertaining to Conservation Authorities located within the Kemptville District area.

For additional information and online mapping tools, please see the Natural Heritage Information Centre (NHIC), where additional data and files can be downloaded in both list and digital format. In addition sensitive species information can be requested and accessed through the NHIC at [NHICrequests@ontario.ca](mailto:NHICrequests@ontario.ca).

As per the Natural Heritage Reference Manual (Section 13; OMNRF 2010) the MNRF strongly recommends that an Ecological Site Assessment be carried out to more thoroughly determine the presence of natural heritage features, and Species at Risk and their habitat located on site. The MNRF can provide survey methodology for particular species at risk and their habitats. In addition, the local planning authority may have more details pertaining to the requirements of the assessment process, which will allow for the municipality to make planning decisions which are consistent with the Provincial Policy Statement (2014).

### **Species at Risk**

It is important to understand which species and habitats exist in the area and the implications of the Endangered Species Act (ESA, 2007). A review of the Natural Heritage Information Centre (NHIC) and internal records and aerial photograph interpretation indicate that there is a potential for the following Threatened (THR) and/or Endangered (END) species on the site or in proximity to it:

- Butternut (END)
- Chimney Swift (THR)
- Eastern Small-footed Myotis (END)
- Little Brown Bat (END)
- Northern Long-eared Bat (END)

All Endangered and Threatened species receive individual protection under section 9 of the ESA and receive general habitat protection under Section 10 of the ESA, 2007. Any potential works should consider disturbance of possible important habitat (e.g. nesting sites). Please note that as of June 30, 2013 general habitat protection applies to all Threatened and Endangered species. The habitat of these listed species is protected from damage and destruction and certain activities may require authorization(s) under the ESA.

Species receiving General Habitat protection:

- Butternut (END)



- Chimney Swift (THR)
- Eastern Small-footed Myotis (END)
- Little Brown Bat (END)
- Northern Long-eared Bat (END)

If the proposed activity is known to have an impact on the species mentioned above or any other SAR, an authorization under the Endangered Species Act, 2007 (ESA) may be required. It is recommended that MNRF Kemptville be contacted prior to any activities being carried out to discuss potential survey and mitigation measures to avoid contravention of the ESA.

Habitat has been identified within the project area that appears suitable for one or more species listed by SARO as Special Concern (SC). In Addition, one or more Special Concern species has been documented to occur either on the site or nearby. Species listed as Special Concern are not protected under the ESA, 2007. However, please note that some of these species may be protected under the Fish and Wildlife Conservation Act. Species of Special Concern for consideration:

- 

If any of these or any other species at risk are discovered throughout the course of the work, and/or should any species at risk or their habitat be potentially impacted by on site activities, MNRF should be contacted immediately and operations be modified to avoid any negative impacts to species at risk or their habitat until further direction is provided by MNRF.

Please note that information regarding species at risk is based on documented occurrences only and does not include an interpretation of potential habitat within or in proximity to the site in question. Although this data represents the MNRF's best current available information, it is important to note that a lack of information for a site does not mean that additional features and values are not present. i.e.: Species at Risk (SAR) or their habitat could still be present at the location or in the immediate area. It is the responsibility of the proponent to ensure that species at risk are not killed, harmed, or harassed; or their habitat is not damaged or destroyed through the activities carried out on the site. The MNRF continues to strongly encourage ecological site assessments to determine the potential for SAR habitat and occurrences. When a SAR or potential habitat for a SAR does occur on a site, it is recommended that the proponent contact the MNRF for technical advice and to discuss what activities can occur without contravention of the Act. If an activity is proposed that will contravene the ESA (such as Section 9 or 10), the proponent must contact the MNRF to discuss the potential for a permit (Section 17). For specific questions regarding the Endangered Species Act (2007) or SAR, please contact a district Management

Kemptville District

District de Kemptville

10 Campus Drive  
Postal Box 2002  
Kemptville ON K0G 1J0  
Tel.: 613 258-8204  
Fax: 613 258-3920

10, promenade Campus  
Case postale, 2002  
Kemptville ON K0G 1J0  
Tél.: 613 258-8204  
Télé.: 613 258-3920

Biologist at [sar.kemptville@ontario.ca](mailto:sar.kemptville@ontario.ca). For more information regarding the ESA (2007), please see attached ESA Information Sheet.

As of July 1, 2013, the approvals processes for a number of activities that have the potential to impact SAR or their habitat were changed in an effort to streamline approvals processes while continuing to protect and sustainably manage Ontario's natural resources. For those activities that require registration with the Ministry, businesses and individuals will be able to do so through a new online system. The online system will also include information to help guide individuals and businesses through the new processes. For further information on which activities are authorized through this new online registration process and how to apply, please refer to the following website: [http://www.MNRF.gov.on.ca/en/About/2ColumnSubPage/STDPROD\\_104342.html](http://www.MNRF.gov.on.ca/en/About/2ColumnSubPage/STDPROD_104342.html). General inquiries may be directed towards Kemptville District MNRF, while questions and comments involving the new online forms can be directed to the Registry Approvals Service Centre (RASC) at 1-855-613-4256 or [MNRF.rasc@ontario.ca](mailto:MNRF.rasc@ontario.ca).

Please note: The advice in this letter may become invalid if:

- The Committee on the Status of Species at Risk in Ontario (COSSARO) re-assesses the status of the above-named species OR adds a species to the SARO List such that the section 9 and/or 10 protection provisions apply to those species.
- Additional occurrences of species are discovered.
- Habitat protection comes into force for one of the above-mentioned species through the creation of a habitat regulation (see general habitat protection above).

**This letter is valid until: Tue. Feb 7, 2017**

MNRF is streamlining and automating its approvals processes for natural resource-related activities. Some activities that may otherwise contravene the ESA may be eligible to proceed without a permit from MNRF provided that regulatory conditions are met for the ongoing protection of species at risk and their habitats. There are regulatory provisions for projects that have attained a specified level of approval prior to, or shortly after, the specified species or its habitat became protected under the ESA. Their requirements include registering the activity with the Ministry of Natural Resources and Forestry, taking steps to immediately minimize adverse effects on species and habitat, and developing a mitigation plan. Anyone intending to use this regulatory provision is strongly advised to review Ontario Regulation 242/08 under the Endangered Species Act, 2007 for the full legal requirements.

For more information please check out the following link <http://www.ontario.ca/environment-and-energy/development-and-infrastructure-projects-and-endangered-or-threatened-species>

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Kemptville ON K0G 1J0  
Tél.: 613 258-8204  
Téléc.: 613 258-3920



The MNRF would like to advise, by way of this letter, that we continue to be circulated on information with regards to this project. If you have any questions or require clarification please do not hesitate to contact me.

Sincerely,

Erin Seabert  
Fish & Wildlife Technical Specialist  
[erin.seabert@ontario.ca](mailto:erin.seabert@ontario.ca)

Encl.\  
-ESA Infosheet  
-NHIC/LIO Infosheet

---

**From:** Troke, Alyssa  
**Sent:** Tuesday, February 02, 2016 11:12 AM  
**To:** 'Desaulniers-Veilleux, Johanne (MOECC)'  
**Subject:** Property Information Request for 404 Eden Avenue, Ottawa, Ontario

Hi Johanne,

Could you please check for approvals and orders for the following property:

- 404 Eden Avenue, Ottawa, ON

Please let me know if you have any questions.

Kindest Regards,

Alyssa Troke



**Alyssa Troke** | Environmental Consultant | **CLAW Environmental Services Inc.**  
1931 Robertson Road, Ottawa, Ontario K2H 5B7  
**T:** +1 (613) 592 4006 x 4278 | **F:** +1 (613) 592 9601 | **E:** [awhiteduck@claw.ca](mailto:awhiteduck@claw.ca)  
[www.claw.ca](http://www.claw.ca)

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**From:** Sarah Quibell <squibell@tssa.org> on behalf of Public Information Services  
<publicinformationservices@tssa.org>  
**Sent:** Tuesday, February 02, 2016 11:48 AM  
**To:** Troke, Alyssa  
**Subject:** RE: TSSA Search - 404 Eden Avenue, Ottawa, Ontario

Good morning Alyssa,

Thank you for your inquiry.

I have searched the below noted address (addresses) and I have located the following record:

319 Richmond Rd, Ottawa has record of 3 expired underground tanks.

For a more detailed report including underground fuel storage tank details and copies of all inspection reports, 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.

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

Thank you and have a great day!

Regards,

Sarah



**Public Information Services**

Facilities & Business Services

3300 Bloor Street West

Center Tower, 16th Floor

Toronto, Ontario, M8X-2X4

Tel: 1-877-682-8772 Fax: (416) 734-3568 E-mail: [publicinformationservices@tssa.org](mailto:publicinformationservices@tssa.org)

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



---

**From:** Troke, Alyssa [[mailto:Alyssa\\_Troke@golder.com](mailto:Alyssa_Troke@golder.com)]  
**Sent:** Tuesday, February 02, 2016 11:17 AM  
**To:** Public Information Services  
**Subject:** TSSA Search - 404 Eden Avenue, Ottawa, Ontario

Hello,

Could you please perform a TSSA database search for any underground storage tanks, registered fuel tanks, outstanding instructions, incident reports, fuel oil spills or contaminations records for the following properties:

- 404 Eden Avenue, Ottawa, ON
- 300 Richmond Road, Ottawa, ON

- 314 Richmond Road, Ottawa, ON
- 298 Richmond Road, Ottawa, ON
- 300 Richmond Road, Ottawa, ON
- 319 Richmond Road, Ottawa, ON
- 277 Richmond Road, Ottawa, ON
- 255 Richmond Road, Ottawa, ON
- 408 Richmond Road, Ottawa, ON
- 413 Churchill Avenue, Ottawa, ON

Please let me know if you have any questions.

Kindest Regards,

Alyssa Troke



**Alyssa Troke** | Environmental Consultant | **CLAW Environmental Services Inc.**  
 1931 Robertson Road, Ottawa, Ontario K2H 5B7  
**T:** +1 (613) 592 4006 x 4278 | **F:** +1 (613) 592 9601 | **E:** [awhiteduck@claw.ca](mailto:awhiteduck@claw.ca)  
[www.claw.ca](http://www.claw.ca)

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# **APPENDIX B**

## **EcoLog ERIS Report, City Directories**



# DATABASE REPORT

**Project Property:** 404 Eden Ave. Phase I ESA  
404 Eden Avenue  
Ottawa ON

**Project No:**

**Report Type:** Standard Report

**Order No:** 20160202061

**Requested by:** Golder Associates Ltd.

**Date Completed:** February 4, 2016

**Ecolog ERIS Ltd.**  
Environmental Risk Information  
Service Ltd. (ERIS)  
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:** 404 Eden Ave. Phase I ESA  
404 Eden Avenue Ottawa ON

**Project No:**

**Coordinates:**

**Latitude:** 45.392308  
**Longitude:** -75.752484  
**UTM Northing:** 5,026,807.68  
**UTM Easting:** 441,098.91  
**UTM Zone:** UTM Zone 18T

**Elevation:** 225 FT  
68.64 M

## Order Information:

**Order No:** 20160202061  
**Date Requested:** February 2, 2016  
**Requested by:** Golder Associates Ltd.  
**Report Type:** Standard Report

## Additional Products:

**City Directory Search** Subject Site plus 10 Adjacent Properties



# Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</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	0	16	16
CA	<i>Certificates of Approval</i>	Y	0	5	5
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
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	1	1
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	0	14	14
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	16	16
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	2	2
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	4	4
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	50	50
HINC	<i>TSSA Historic Incidents</i>	Y	0	2	2
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defence &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
NDSP	<i>National Defence &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
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	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	2	2
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	2	2
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	2	2
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	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	15	15
SPL	<i>Ontario Spills</i>	Y	0	9	9
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	0	5	5
<b>Total:</b>			0	146	146

## Executive Summary: Site Report Summary - Project Property

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

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

# Executive Summary: Site Report Summary - Surrounding Properties

<i>DB</i>	<i>Map Key</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
BORE	<a href="#">2</a>		ON	NW/37.2	-0.64	<a href="#">16</a>
BORE	<a href="#">6</a>		ON	NNE/55.5	-1.09	<a href="#">16</a>
BORE	<a href="#">8</a>		ON	NNE/79.7	-1.53	<a href="#">17</a>
BORE	<a href="#">21</a>		ON	W/136.5	-2.64	<a href="#">17</a>
BORE	<a href="#">24</a>		ON	WSW/140.7	-1.08	<a href="#">18</a>
BORE	<a href="#">28</a>		ON	W/144.7	-1.66	<a href="#">18</a>
BORE	<a href="#">30</a>		ON	W/147.6	-1.64	<a href="#">19</a>
BORE	<a href="#">32</a>		ON	WNW/152.5	-2.64	<a href="#">19</a>
BORE	<a href="#">34</a>		ON	W/169.3	-2.41	<a href="#">20</a>
BORE	<a href="#">36</a>		ON	W/174.2	-2.64	<a href="#">20</a>
BORE	<a href="#">39</a>		ON	WSW/177.3	-1.64	<a href="#">21</a>
BORE	<a href="#">47</a>		ON	W/198.4	-2.23	<a href="#">21</a>
BORE	<a href="#">50</a>		ON	W/206.6	-1.64	<a href="#">22</a>
BORE	<a href="#">54</a>		ON	WSW/211.4	-1.00	<a href="#">22</a>
BORE	<a href="#">57</a>		ON	W/218.2	-1.64	<a href="#">23</a>
BORE	<a href="#">66</a>		ON	WSW/237.6	-0.64	<a href="#">24</a>
CA	<a href="#">11</a>	OTTAWA CITY	EDGEWOOD AVE./LINCOLN AVE. OTTAWA CITY ON	ESE/115.6	2.70	<a href="#">24</a>
CA	<a href="#">45</a>	OTTAWA CITY - PT.LOT 31, CONC. 1	ATHLONE AVE./BYRON AVE. OTTAWA CITY ON	ESE/196.6	2.24	<a href="#">25</a>
CA	<a href="#">49</a>	OTTAWA CITY	ELMGROVE AVE./WINONA AVE. OTTAWA CITY ON	NNW/199.8	-4.06	<a href="#">25</a>
CA	<a href="#">53</a>	C CORP (ONTARIO) INC.	256 RICHMOND ROAD, WINKS, SWM OTTAWA CITY ON K1Z 6W9	NE/211.3	-0.64	<a href="#">25</a>
CA	<a href="#">65</a>	Lusitania Collision Center (1996) Limited	255 Richmond road Ottawa ON K1Z 6X1	NE/233.5	-3.10	<a href="#">26</a>

<b>DB</b>	<b>Map Key</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
EBR	<a href="#">65</a>	Lusitania Collision Center (1996) Limited	255 Richmond road Ottawa ON K1Z 6X1	NE/233.5	-3.10	<a href="#">26</a>
EHS	<a href="#">9</a>		332 and 334 Richmond Road Ottawa ON	WSW/87.1	-0.09	<a href="#">26</a>
EHS	<a href="#">10</a>		277 Richmond Rd Ottawa On Ottawa ON K1Z6X3	NNE/110.4	-2.64	<a href="#">26</a>
EHS	<a href="#">12</a>		337 Richmond Road Ottawa ON K2A 0E7	W/119.9	-1.56	<a href="#">26</a>
EHS	<a href="#">14</a>		412 Churchill Ave Ottawa ON	SW/126.7	1.20	<a href="#">27</a>
EHS	<a href="#">14</a>		412 Churchill Avenue Ottawa ON K1V 8Y5	SW/126.7	1.20	<a href="#">27</a>
EHS	<a href="#">17</a>		305 Picton Avenue Ottawa ON K1Z 6V4	NNW/133.4	-3.64	<a href="#">27</a>
EHS	<a href="#">27</a>		354 Richmond Road Ottawa ON K2A 0E8	WSW/143.2	-0.02	<a href="#">27</a>
EHS	<a href="#">29</a>		345 Richmond Road Ottawa ON K2A 0E7	W/146.8	-1.70	<a href="#">27</a>
EHS	<a href="#">31</a>		424 Churchill Avenue Ottawa ON K1Z 5C8	SW/149.6	4.05	<a href="#">28</a>
EHS	<a href="#">38</a>		356 Richmond Road Ottawa ON K2A 0E8	WSW/176.1	-1.42	<a href="#">28</a>
EHS	<a href="#">40</a>		376 Churchill Avenue Ottawa ON	WNW/178.4	-2.98	<a href="#">28</a>
EHS	<a href="#">52</a>		364 Churchill Ave N Ottawa ON K1Z5C2	WNW/208.1	-3.64	<a href="#">28</a>
EHS	<a href="#">65</a>		255 Richmond Road Ottawa ON K1Z 6X1	NE/233.5	-3.10	<a href="#">28</a>
EHS	<a href="#">68</a>		363 Madison Ave Ottawa ON K2A0B6	W/242.3	-1.62	<a href="#">28</a>
EXP	<a href="#">7</a>	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	WNW/77.3	-1.13	<a href="#">29</a>
EXP	<a href="#">7</a>	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	WNW/77.3	-1.13	<a href="#">29</a>
EXP	<a href="#">7</a>	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	WNW/77.3	-1.13	<a href="#">29</a>
EXP	<a href="#">7</a>	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	WNW/77.3	-1.13	<a href="#">29</a>
EXP	<a href="#">7</a>	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	WNW/77.3	-1.13	<a href="#">30</a>
EXP	<a href="#">7</a>	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	WNW/77.3	-1.13	<a href="#">30</a>
EXP	<a href="#">53</a>	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	NE/211.3	-0.64	<a href="#">30</a>
EXP	<a href="#">53</a>	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	NE/211.3	-0.64	<a href="#">31</a>
EXP	<a href="#">53</a>	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	NE/211.3	-0.64	<a href="#">31</a>
EXP	<a href="#">53</a>	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE	NE/211.3	-0.64	<a href="#">31</a>

<i>DB</i>	<i>Map Key</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
			OTTAWA ON K1Z 6W9			
EXP	<a href="#">53</a>	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	NE/211.3	-0.64	<a href="#">31</a>
EXP	<a href="#">53</a>	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	NE/211.3	-0.64	<a href="#">32</a>
EXP	<a href="#">53</a>	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	NE/211.3	-0.64	<a href="#">32</a>
EXP	<a href="#">53</a>	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	NE/211.3	-0.64	<a href="#">32</a>
EXP	<a href="#">53</a>	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	NE/211.3	-0.64	<a href="#">33</a>
EXP	<a href="#">53</a>	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	NE/211.3	-0.64	<a href="#">33</a>
FST	<a href="#">53</a>	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	NE/211.3	-0.64	<a href="#">33</a>
FST	<a href="#">53</a>	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	NE/211.3	-0.64	<a href="#">33</a>
FSTH	<a href="#">7</a>	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	WNW/77.3	-1.08	<a href="#">34</a>
FSTH	<a href="#">7</a>	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	WNW/77.3	-1.08	<a href="#">34</a>
FSTH	<a href="#">53</a>	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	NE/211.3	-0.64	<a href="#">35</a>
FSTH	<a href="#">53</a>	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	NE/211.3	-0.64	<a href="#">35</a>
GEN	<a href="#">1</a>	Cassone Construction	300 Richmond Rd. Ottawa ON	NNW/17.8	-0.64	<a href="#">36</a>
GEN	<a href="#">7</a>	Avenues Garage Ltd.	319 Richmond Rd Ottawa ON	WNW/77.3	-1.13	<a href="#">36</a>
GEN	<a href="#">13</a>	WESTBOROUGH PHARMASAVE	340 RICHMOND ROAD OTTAWA ON K2A 0E8	WSW/124.2	-0.59	<a href="#">37</a>
GEN	<a href="#">13</a>	WESTBORO PHARMACY LTD	WESTBORO PHARMACY LIMITED 340 RICHMOND ROAD OTTAWA ON K2A 0E8	WSW/124.2	-0.59	<a href="#">37</a>
GEN	<a href="#">14</a>	ALBERT & SON ENGRAVERS	412B CHURCHILL AVE. OTTAWA ON K1Z 5C6	SW/126.7	1.20	<a href="#">37</a>
GEN	<a href="#">19</a>	561391 Ontario Inc.	350 Richmond Road Ottawa ON K2A 0E8	WSW/135.2	-0.62	<a href="#">38</a>
GEN	<a href="#">22</a>	LAUNDRY LAND	424 Churchill ave. Ottawa ON	SSW/137.5	4.99	<a href="#">38</a>
GEN	<a href="#">27</a>	PEARL CLEANERS	354B RICHMOND ROAD OTTAWA ON K2A 0E8	WSW/143.2	-0.02	<a href="#">38</a>
GEN	<a href="#">31</a>	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1N 6B5	SW/149.6	4.05	<a href="#">38</a>

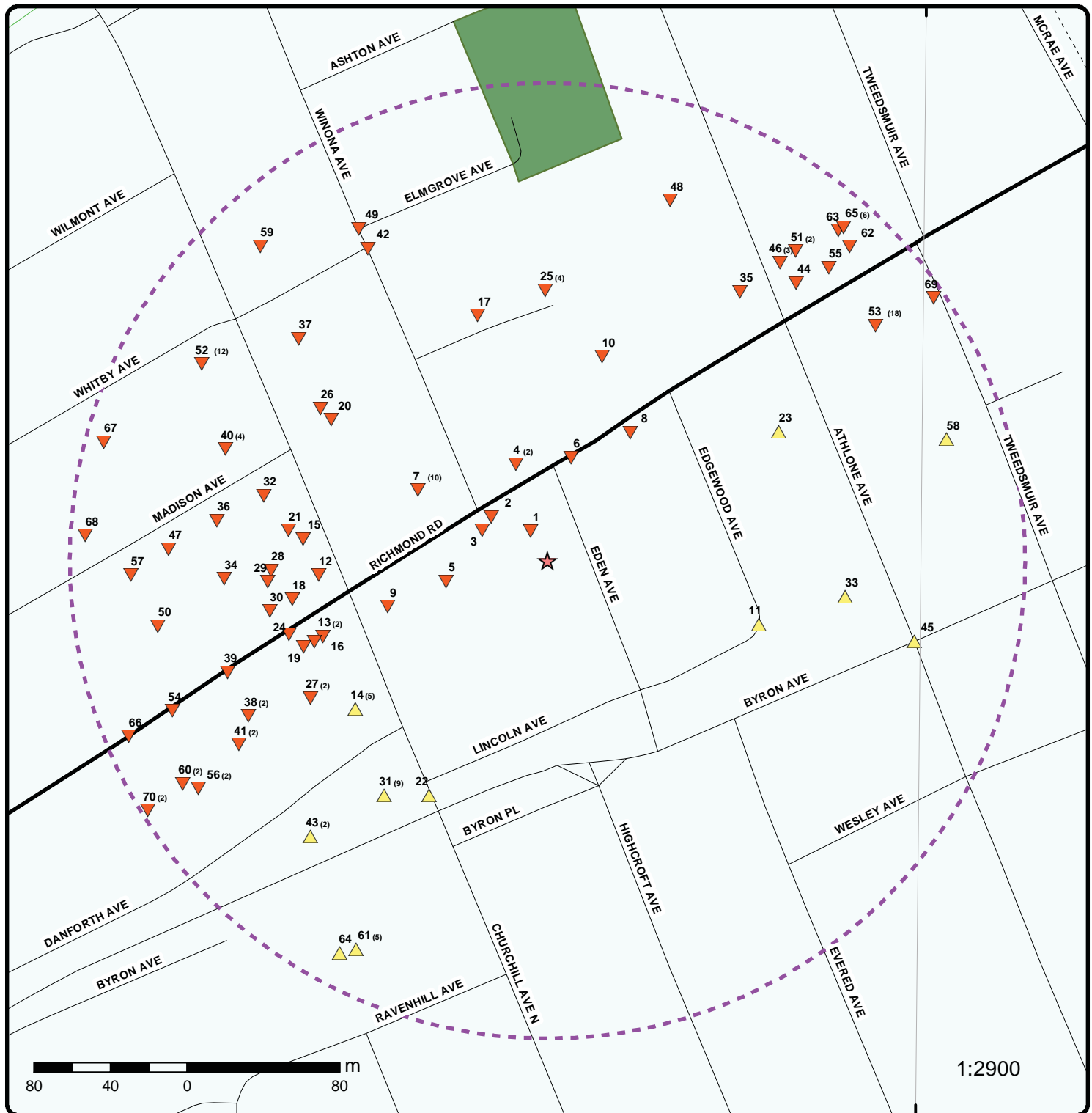


<b>DB</b>	<b>Map Key</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
GEN	<a href="#">31</a>	LAUNDRY LAND	424 CHURCHILL AVENUE	SW/149.6	4.04	<a href="#">38</a>
		24-215	OTTAWA ON K1Z 5C8			
GEN	<a href="#">31</a>	LAUNDRY LAND	424 CHURCHILL AVENUE	SW/149.6	4.04	<a href="#">39</a>
			OTTAWA ON K1Z 5C8			
GEN	<a href="#">31</a>	LAUNDRY LAND	424 CHURCHILL AVENUE	SW/149.6	4.04	<a href="#">39</a>
			OTTAWA ON K1Z 5C8			
GEN	<a href="#">31</a>	LAUNDRY LAND	424 CHURCHILL AVENUE	SW/149.6	4.04	<a href="#">39</a>
			OTTAWA ON K1Z 5C8			
GEN	<a href="#">31</a>	LAUNDRY LAND	424 CHURCHILL AVENUE	SW/149.6	4.04	<a href="#">39</a>
			OTTAWA ON K1Z 5C8			
GEN	<a href="#">31</a>	LAUNDRY LAND	424 CHURCHILL AVENUE	SW/149.6	4.05	<a href="#">40</a>
			OTTAWA ON K1Z 5C8			
GEN	<a href="#">31</a>	LAUNDRY LAND	424 CHURCHILL AVENUE	SW/149.6	3.95	<a href="#">40</a>
			OTTAWA ON			
GEN	<a href="#">40</a>	regional elevator	376 churchill road	WNW/178.4	-2.98	<a href="#">40</a>
			ottawa ON			
GEN	<a href="#">41</a>	VELO SPORTABLE CYCLE	358 RICHMOND ROAD	WSW/187.8	-0.99	<a href="#">40</a>
			OTTAWA ON K2A 0E8			
GEN	<a href="#">41</a>	1534244 Ontario Inc	358 Richmond Road	WSW/187.8	-0.99	<a href="#">41</a>
			Ottawa ON			
GEN	<a href="#">43</a>	Blyth Academy Ottawa	352 Danforth Ave	SW/190.1	2.37	<a href="#">41</a>
			Ottawa ON			
GEN	<a href="#">43</a>	Blyth Academy Ottawa	352 Danforth Ave	SW/190.1	2.37	<a href="#">41</a>
			Ottawa ON			
GEN	<a href="#">46</a>	LAMBLE PHOTO-LAB	371 ATHLONE AVE.	NE/197.8	-3.23	<a href="#">42</a>
		SERVICES 24-946	OTTAWA ON K1Z 5M3			
GEN	<a href="#">52</a>	Cameron Veterinary	364 Churchill Avenue North	WNW/208.1	-3.64	<a href="#">42</a>
		Professional Corporation	Ottawa ON			
GEN	<a href="#">52</a>	METROTYPE GRAPHICS	364 CHURCHILL STREET NORTH	WNW/208.1	-3.64	<a href="#">42</a>
		LTD.	OTTAWA ON K1Z 5G9			
GEN	<a href="#">52</a>	METROTYPE GRAPHICS	364 CHURCHILL STREET NORTH	WNW/208.1	-3.64	<a href="#">42</a>
		LTD.	OTTAWA ON K1Z 5G9			
GEN	<a href="#">52</a>	METROTYPE GRAPHICS	364 CHURCHILL STREET NORTH	WNW/208.1	-3.64	<a href="#">43</a>
		LTD. 26-238	OTTAWA ON K1Z 5G9			
GEN	<a href="#">52</a>	METRO(OUT OF BUS)	364 CHURCHILL STREET NORTH	WNW/208.1	-3.64	<a href="#">43</a>
		26-238	OTTAWA ON K1Z 5G9			
GEN	<a href="#">52</a>	Cameron Veterinary	364 Churchill Avenue North	WNW/208.1	-3.64	<a href="#">43</a>
		Professional Corporation	Ottawa ON K1Z 5C2			
GEN	<a href="#">52</a>	Cameron Veterinary	364 Churchill Avenue North	WNW/208.1	-3.64	<a href="#">43</a>
		Professional Corporation	Ottawa ON K1Z 5C2			
GEN	<a href="#">52</a>	Cameron Veterinary	364 Churchill Avenue North	WNW/208.1	-3.64	<a href="#">44</a>
		Professional Corporation	Ottawa ON K1Z 5C2			
GEN	<a href="#">52</a>	Cameron Veterinary	364 Churchill Avenue North	WNW/208.1	-3.64	<a href="#">44</a>
		Professional Corporation	Ottawa ON K1Z 5C2			
GEN	<a href="#">52</a>	Cameron Veterinary	364 Churchill Avenue North	WNW/208.1	-3.64	<a href="#">44</a>
		Professional Corporation	Ottawa ON K1Z 5C2			
GEN	<a href="#">52</a>	Cameron Veterinary	364 Churchill Avenue North	WNW/208.1	-3.64	<a href="#">45</a>
		Professional Corporation	Ottawa ON K1Z 5C2			
GEN	<a href="#">53</a>	MACS CONVENIENCE	256 RICHMOND RD.,	NE/211.3	-0.64	<a href="#">45</a>
		STORES INC.	OTTAWA ON K1Z 6W9			
GEN	<a href="#">56</a>	Mountain Equipment Co-op	366 Richmond Road	WSW/218.1	-0.64	<a href="#">45</a>
			Ottawa ON			

<b>DB</b>	<b>Map Key</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
GEN	<a href="#">56</a>	Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON	WSW/218.1	-0.64	<a href="#">45</a>
GEN	<a href="#">60</a>	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	WSW/223.7	-0.64	<a href="#">46</a>
GEN	<a href="#">60</a>	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	WSW/223.7	-0.64	<a href="#">46</a>
GEN	<a href="#">61</a>	Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	SSW/226.6	6.36	<a href="#">46</a>
GEN	<a href="#">61</a>	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	SSW/226.6	6.36	<a href="#">46</a>
GEN	<a href="#">61</a>	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	SSW/226.6	6.36	<a href="#">47</a>
GEN	<a href="#">61</a>	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	SSW/226.6	6.36	<a href="#">47</a>
GEN	<a href="#">61</a>	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	SSW/226.6	6.36	<a href="#">47</a>
GEN	<a href="#">63</a>	Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON	NE/230.3	-3.12	<a href="#">47</a>
GEN	<a href="#">64</a>	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON	SSW/232.2	6.36	<a href="#">48</a>
GEN	<a href="#">65</a>	Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	NE/233.5	-3.10	<a href="#">48</a>
GEN	<a href="#">65</a>	Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	NE/233.5	-3.10	<a href="#">48</a>
GEN	<a href="#">65</a>	Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	NE/233.5	-3.10	<a href="#">48</a>
GEN	<a href="#">70</a>	JOSEPH C. GAFFNEY	372 RICHMOND ROAD OTTAWA ON K2A 0E8	WSW/246.7	-0.64	<a href="#">49</a>
GEN	<a href="#">70</a>	JOSEPH C. GAFFNEY 22-433	372 RICHMOND ROAD OTTAWA ON K2A 0E8	WSW/246.7	-0.64	<a href="#">49</a>
HINC	<a href="#">18</a>		343 RICHMOND ROAD Ottawa ON K2A 0E7	W/134.9	-1.64	<a href="#">49</a>
HINC	<a href="#">35</a>		267 Richmond Rd OTTAWA ON	NE/173.2	-3.43	<a href="#">50</a>
INC	<a href="#">14</a>		412 & 414 Churchill Avenue, Ottawa ON	SW/126.7	1.20	<a href="#">50</a>
PES	<a href="#">4</a>	P. & T. EQUIPMENT	311 RICHMOND ROAD, SUITE 308 OTTAWA ON K1Z 6X3	NNW/53.2	-1.64	<a href="#">51</a>
PES	<a href="#">38</a>	DOVERS HARDWARE	356 RICHMOND ROAD OTTAWA ON K2A 0E8	WSW/176.1	-1.42	<a href="#">51</a>
PINC	<a href="#">58</a>		412 Tweedsmuir Ave. Ottawa ON	ENE/218.2	1.36	<a href="#">51</a>
PINC	<a href="#">59</a>		351 Churchill Avenue North, Ottawa ON K1Z 5B8	NW/222.8	-3.64	<a href="#">52</a>
PRT	<a href="#">7</a>	TWENTY FIRST CENTURY MOTORS INC	319 RICHMOND RD OTTAWA ON K1Z6X7	WNW/77.3	-1.08	<a href="#">52</a>
PRT	<a href="#">53</a>	C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	NE/211.3	-0.64	<a href="#">53</a>
SCT	<a href="#">3</a>	Forbie Activewear	314 Richmond Rd Ottawa ON K1Z 6X6	WNW/37.7	-0.64	<a href="#">53</a>

<b>DB</b>	<b>Map Key</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
SCT	<a href="#">4</a>	GEVC Interactive Inc.	311 Richmond Rd Suite 204 Ottawa ON K1Z 6X3	NNW/53.2	-1.64	<a href="#">53</a>
SCT	<a href="#">5</a>	Valberg Imaging	322 Richmond Rd Ottawa ON K1Z 6X6	WSW/54.1	-0.41	<a href="#">54</a>
SCT	<a href="#">16</a>	BlackCherry Digital Media Inc.	346 Richmond Rd Suite 210 Ottawa ON K2A 0E8	WSW/129.1	-0.66	<a href="#">54</a>
SCT	<a href="#">20</a>	Gold Cast	377 Churchill Ave N Ottawa ON K1Z 5C4	WNW/135.2	-2.76	<a href="#">54</a>
SCT	<a href="#">25</a>	Y'S OWL CO-OPERATIVE INC	290 PICTON AVE OTTAWA ON K1Z 8P8	N/141.5	-3.64	<a href="#">54</a>
SCT	<a href="#">25</a>	Orezone Resources Inc.	290 Picton St Suite 201 Ottawa ON K1Z 8P8	N/141.5	-3.64	<a href="#">55</a>
SCT	<a href="#">25</a>	Apption Software Inc.	290 Picton Ave Suite 104 Ottawa ON K1Z 8P8	N/141.5	-3.64	<a href="#">55</a>
SCT	<a href="#">25</a>	Orezone Gold Corporation	290 Picton Ave Suite 201 Ottawa ON K1Z 8P8	N/141.5	-3.64	<a href="#">55</a>
SCT	<a href="#">26</a>	Forbie Activewear	375 Churchill Ave N Ottawa ON K1Z 5C4	NW/142.9	-3.16	<a href="#">55</a>
SCT	<a href="#">40</a>	Imagnan Corp.	376 Churchill Ave N Suite 107 Ottawa ON K1Z 5C3	WNW/178.4	-2.98	<a href="#">56</a>
SCT	<a href="#">40</a>	C.J.T. Surplus Equipment Ltd.	376 Churchill Ave N Suite 306 Ottawa ON K1Z 5C3	WNW/178.4	-2.98	<a href="#">56</a>
SCT	<a href="#">46</a>	Rose Drapery Ltd.	371 Athlone Ave Ottawa ON K1Z 5M3	NE/197.8	-3.23	<a href="#">56</a>
SCT	<a href="#">46</a>	Rose Draperies Ltd.	371 Athlone Ave Ottawa ON K1Z 5M3	NE/197.8	-3.23	<a href="#">56</a>
SCT	<a href="#">51</a>	Rose Drapery Ltd.	261 Richmond Rd Ottawa ON K1Z 6X1	NE/207.6	-3.55	<a href="#">57</a>
SPL	<a href="#">14</a>	Enbridge Gas Distribution Inc.	412 & 414 Churchill Ave. Ottawa ON	SW/126.7	1.20	<a href="#">57</a>
SPL	<a href="#">23</a>	8596239 Canada Inc.<UNOFFICIAL>	400 Athlone Ave Ottawa ON	ENE/138.6	0.13	<a href="#">57</a>
SPL	<a href="#">33</a>		424 Athlone St Ottawa ON	E/157.0	2.90	<a href="#">58</a>
SPL	<a href="#">37</a>	CANADIAN WASTE SERVICES	363 CHURCHILL, NORTH OF RICHMOND MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	NW/174.6	-3.64	<a href="#">58</a>
SPL	<a href="#">42</a>	UNKNOWN	WINONA & WHITBY ST OTTAWA CITY ON	NNW/188.4	-3.64	<a href="#">58</a>
SPL	<a href="#">51</a>	ULTRAMAR	261 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6X1	NE/207.6	-3.55	<a href="#">59</a>
SPL	<a href="#">53</a>	SUNOCO	256 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6W9	NE/211.3	-0.64	<a href="#">59</a>
SPL	<a href="#">55</a>	MOTOR VEHICLE	259 RICHMOND RD. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Z 6X1	NE/212.7	-2.45	<a href="#">60</a>
SPL	<a href="#">67</a>	PRIVATE RESIDENCE	HOUSE AT 356 WHITBY AVE FURNACE OIL TANK OTTAWA CITY ON K2A 0B5	WNW/240.1	-1.88	<a href="#">60</a>
WWIS	<a href="#">15</a>		Ottawa ON	W/128.4	-2.29	<a href="#">60</a>

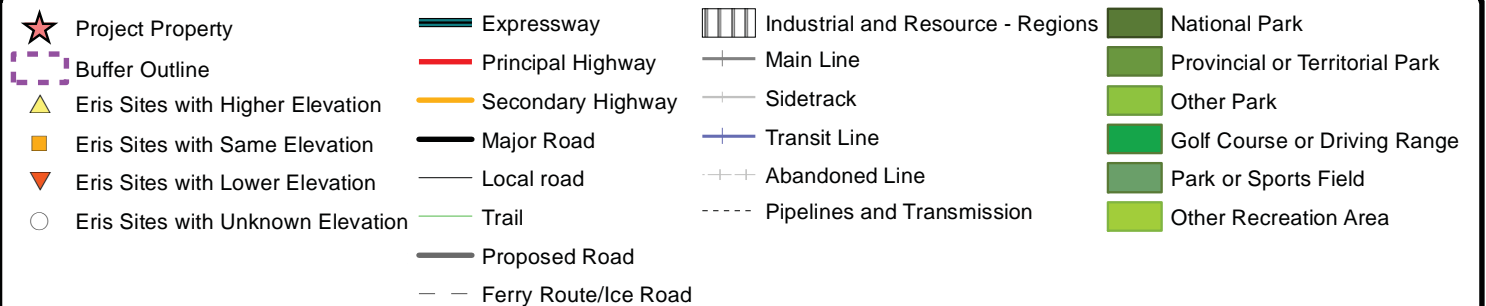
<i>DB</i>	<i>Map Key</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
WWIS	<a href="#">44</a>		Ottawa ON	NE/195.1	-2.68	<a href="#">61</a>
WWIS	<a href="#">48</a>		ON	NNE/199.0	-4.64	<a href="#">61</a>
WWIS	<a href="#">62</a>		Ottawa ON	NE/228.0	-2.67	<a href="#">62</a>
WWIS	<a href="#">69</a>		Ottawa ON	NE/244.4	-0.64	<a href="#">62</a>



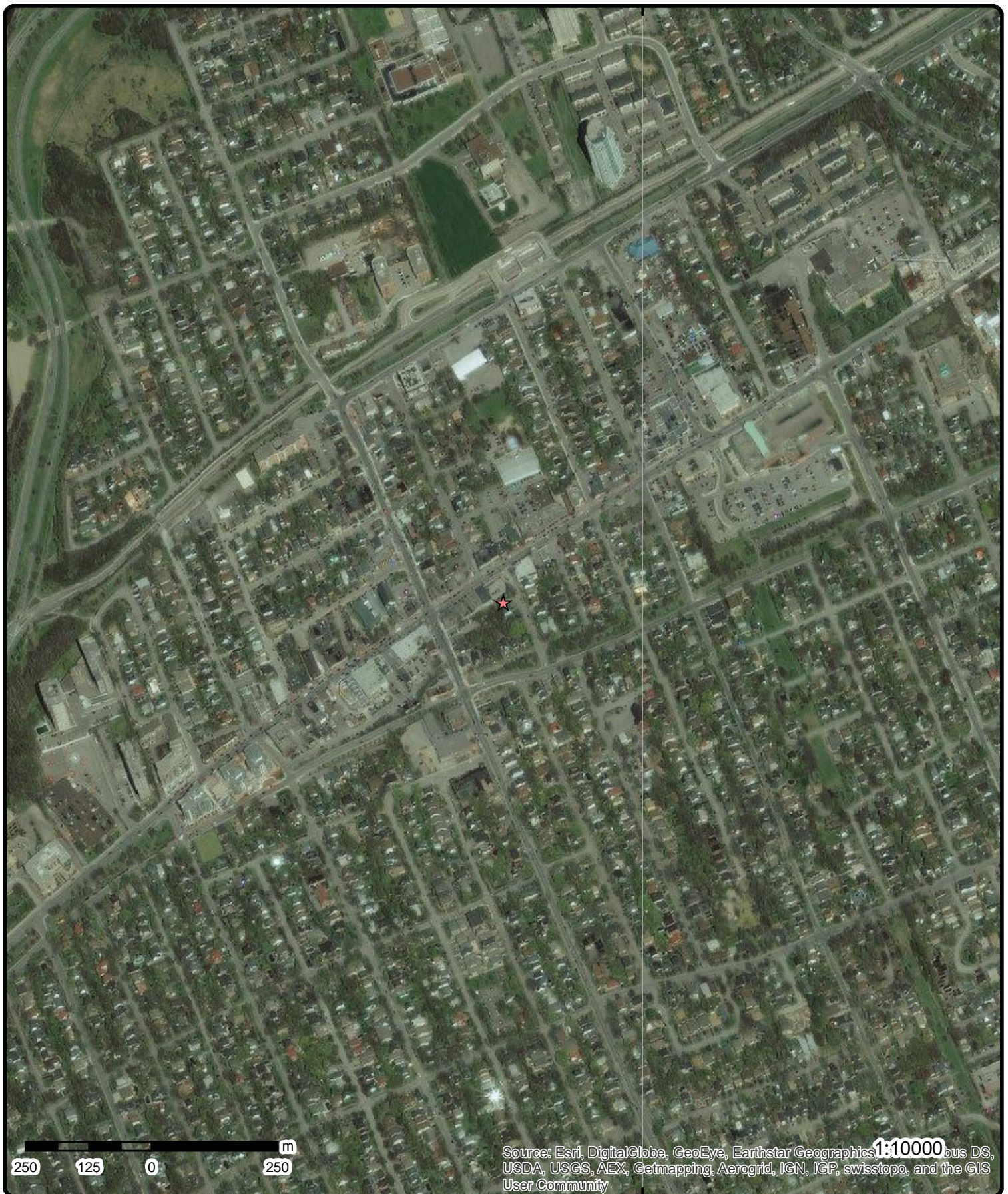
## Map

Order No: 20160202061

Address: 404 Eden Avenue, Ottawa, ON







Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, **1:10000** bus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

## Aerial

Order No: 20160202061

**Address: 404 Eden Avenue, Ottawa, ON**



# Detail Report

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
BORE	2	1 of 1	NW/37.2	68.0	ON
Borehole ID:		803616	Type:		Borehole
Use:		Geotechnical/Geological Investigation	Status:		
Drill Method:		Hollow stem auger	UTM Zone:		18
Easting:		441069.57	Northing:		5026830.52
Location Accuracy:			Orig. Ground Elev m:		98
Elev. Reliability Note:			DEM Ground Elev m:		66.8
Total Depth m:		4.4	Primary Name:		BH 1
Township:			Concession:		
Lot:			Municipality:		
Completion Date:		13-JAN-1982	Static Water Level:		-999.9
Primary Water Use:			Sec. Water Use:		
--- Details ---					
Stratum ID:		218577225	Top Depth(m):		0.0
Bottom Depth(m):		0.2	Stratum Desc:		Asphalt
+					
Stratum ID:		218577226	Top Depth(m):		0.2
Bottom Depth(m):		0.6	Stratum Desc:		Grey Crushed Stone
+					
Stratum ID:		218577227	Top Depth(m):		0.6
Bottom Depth(m):		1.2	Stratum Desc:		Brown Very Dense Till sand silt With: Cl W Gr
+					
Stratum ID:		218577228	Top Depth(m):		1.2
Bottom Depth(m):		4.4	Stratum Desc:		Grey Limestone
BORE	6	1 of 1	NNE/55.5	67.6	ON
Borehole ID:		803634	Type:		Borehole
Use:		Geotechnical/Geological Investigation	Status:		
Drill Method:		Hollow stem auger	UTM Zone:		18
Easting:		441111.36	Northing:		5026861.74
Location Accuracy:			Orig. Ground Elev m:		67.8
Elev. Reliability Note:			DEM Ground Elev m:		66.9
Total Depth m:		3.6	Primary Name:		BH 3
Township:			Concession:		
Lot:			Municipality:		
Completion Date:		27-JAN-1982	Static Water Level:		-999.9
Primary Water Use:			Sec. Water Use:		
--- Details ---					

<b>BORE</b>	<b><u>6</u></b>	<b>1 of 1</b>	<b>NNE/55.5</b>	<b>67.6</b>	<b>ON</b>
<b>Borehole ID:</b>	803634		<b>Type:</b>	Borehole	
<b>Use:</b>	Geotechnical/Geological Investigation		<b>Status:</b>		
<b>Drill Method:</b>	Hollow stem auger		<b>UTM Zone:</b>	18	
<b>Easting:</b>	441111.36		<b>Northing:</b>	5026861.74	
<b>Location Accuracy:</b>			<b>Orig. Ground Elev m:</b>	67.8	
<b>Elev. Reliability Note:</b>			<b>DEM Ground Elev m:</b>	66.9	
<b>Total Depth m:</b>	3.6		<b>Primary Name:</b>	BH 3	
<b>Township:</b>			<b>Concession:</b>		
<b>Lot:</b>			<b>Municipality:</b>		
<b>Completion Date:</b>	27-JAN-1982		<b>Static Water Level:</b>	-999.9	
<b>Primary Water Use:</b>			<b>Sec. Water Use:</b>		
--- Details ---					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>Stratum ID:</b>	218577287			<b>Top Depth(m):</b>	1.5
<b>Bottom Depth(m):</b>	3.6			<b>Stratum Desc:</b>	Grey Limestone
+					
<b>Stratum ID:</b>	218577284			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	Asphalt
+					
<b>Stratum ID:</b>	218577285			<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>	0.6			<b>Stratum Desc:</b>	Sand - Gravel With: Cob
+					
<b>Stratum ID:</b>	218577286			<b>Top Depth(m):</b>	0.6
<b>Bottom Depth(m):</b>	1.5			<b>Stratum Desc:</b>	Brown Dense Till sand silt With: Cl W Gr

<b>BORE</b>	<b>8</b>	<b>1 of 1</b>	<b>NNE/79.7</b>	<b>67.1</b>	<b>ON</b>
<b>Borehole ID:</b>	803626			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Hollow stem auger			<b>UTM Zone:</b>	18
<b>Easting:</b>	441142.16			<b>Northing:</b>	5026874.66
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	67.4
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	66.6
<b>Total Depth m:</b>	4.5			<b>Primary Name:</b>	BH 2
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	13-JAN-1982			<b>Static Water Level:</b>	3
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
--- Details ---					
<b>Stratum ID:</b>	218577253			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Asphalt
+					
<b>Stratum ID:</b>	218577254			<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>	0.6			<b>Stratum Desc:</b>	Grey Crushed Stone
+					
<b>Stratum ID:</b>	218577255			<b>Top Depth(m):</b>	0.6
<b>Bottom Depth(m):</b>	3.1			<b>Stratum Desc:</b>	Very Loose to Compact Till sand silt With: Cl W Gr
+					
<b>Stratum ID:</b>	218577256			<b>Top Depth(m):</b>	3.1
<b>Bottom Depth(m):</b>	4.5			<b>Stratum Desc:</b>	Grey Limestone

<b>BORE</b>	<b>21</b>	<b>1 of 1</b>	<b>W/136.5</b>	<b>66.0</b>	<b>ON</b>
<b>Borehole ID:</b>	804694			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Power auger			<b>UTM Zone:</b>	18
<b>Easting:</b>	440963.29			<b>Northing:</b>	5026823.5
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	67.4
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	67.1
<b>Total Depth m:</b>	.6			<b>Primary Name:</b>	AH.91-8
<b>Township:</b>				<b>Concession:</b>	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Lot:				Municipality:	
Completion Date:		13-MAR-1991	Static Water Level:		-999.9
Primary Water Use:			Sec. Water Use:		
--- Details ---					
Stratum ID:		218581688	Top Depth(m):		0.0
Bottom Depth(m):		0.6	Stratum Desc:		Dark Brown Fill-Misc sand silt Occasional: Gr

<b>BORE</b>	<b>24</b>	<b>1 of 1</b>	<b>WSW/140.7</b>	<b>67.6</b>	<b>ON</b>
<b>Borehole ID:</b>			803485	<b>Type:</b>	Borehole
<b>Use:</b>			Geotechnical/Geological Investigation	<b>Status:</b>	
<b>Drill Method:</b>			Hollow stem auger	<b>UTM Zone:</b>	18
<b>Easting:</b>			440963.65	<b>Northing:</b>	5026769
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	-999.9
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	68.1
<b>Total Depth m:</b>			1.2	<b>Primary Name:</b>	BH 1
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>			24-MAR-1983	<b>Static Water Level:</b>	-999.9
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
--- Details ---					
<b>Stratum ID:</b>			218576657	<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>			0.1	<b>Stratum Desc:</b>	Asphalt
+					
<b>Stratum ID:</b>			218576658	<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>			0.3	<b>Stratum Desc:</b>	Brown Fill-Misc Sand - Gravel With: Si
+					
<b>Stratum ID:</b>			218576659	<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>			0.6	<b>Stratum Desc:</b>	Brown Fill-Misc sand silt With: Cl W Gr
+					
<b>Stratum ID:</b>			218576660	<b>Top Depth(m):</b>	0.6
<b>Bottom Depth(m):</b>			1.2	<b>Stratum Desc:</b>	Brown Till Gravel With: Si W Sa

<b>BORE</b>	<b>28</b>	<b>1 of 1</b>	<b>W/144.7</b>	<b>67.0</b>	<b>ON</b>
<b>Borehole ID:</b> 804693			<b>Type:</b> Borehole		
<b>Use:</b> Geotechnical/Geological Investigation			<b>Status:</b>		
<b>Drill Method:</b> Power auger			<b>UTM Zone:</b> 18		
<b>Easting:</b> 440954.34			<b>Northing:</b> 5026802.67		
<b>Location Accuracy:</b>			<b>Orig. Ground Elev m:</b> 67.8		
<b>Elev. Reliability Note:</b>			<b>DEM Ground Elev m:</b> 67.3		
<b>Total Depth m:</b> .4			<b>Primary Name:</b> AH.91-7		
<b>Township:</b>			<b>Concession:</b>		
<b>Lot:</b>			<b>Municipality:</b>		
<b>Completion Date:</b> 13-MAR-1991			<b>Static Water Level:</b> -999.9		
<b>Primary Water Use:</b>			<b>Sec. Water Use:</b>		

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>--- Details ---</b>					
<b>Stratum ID:</b>	218581686			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Brown Fill-Misc Silt - Sand With: Gr
+					
<b>Stratum ID:</b>	218581687			<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>	0.4			<b>Stratum Desc:</b>	Dark Brown Fill-Misc Silt - Sand Occasional: Gr
<hr/>					
<b>BORE</b>	<b><u>30</u></b>	<b>1 of 1</b>	<b>W/147.6</b>	<b>67.0</b>	<b>ON</b>
<b>Borehole ID:</b>	804687			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Rotary (conventional)			<b>UTM Zone:</b>	18
<b>Easting:</b>	440953.69			<b>Northing:</b>	5026781.19
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	68.2
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	67.7
<b>Total Depth m:</b>	8.5			<b>Primary Name:</b>	BH.91-1
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	11-MAR-1991			<b>Static Water Level:</b>	2.7
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
<b>--- Details ---</b>					
<b>Stratum ID:</b>	218581665			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Asphalt
+					
<b>Stratum ID:</b>	218581666			<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>	0.2			<b>Stratum Desc:</b>	Brown Fill-Misc Sand - Gravel
+					
<b>Stratum ID:</b>	218581667			<b>Top Depth(m):</b>	0.2
<b>Bottom Depth(m):</b>	0.8			<b>Stratum Desc:</b>	Brown Fill-Misc clay silt Trace: Sa Tr Gr
+					
<b>Stratum ID:</b>	218581668			<b>Top Depth(m):</b>	0.8
<b>Bottom Depth(m):</b>	8.5			<b>Stratum Desc:</b>	Grey Bedrock Limestone OTTAWA FORMATION - Faintly Weathered to Fresh
<hr/>					
<b>BORE</b>	<b><u>32</u></b>	<b>1 of 1</b>	<b>WNW/152.5</b>	<b>66.0</b>	<b>ON</b>
<b>Borehole ID:</b>	804688			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Rotary (conventional)			<b>UTM Zone:</b>	18
<b>Easting:</b>	440950.29			<b>Northing:</b>	5026841.74
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	67.2
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	65.6
<b>Total Depth m:</b>	8.3			<b>Primary Name:</b>	BH.91-3
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	12-MAR-1991			<b>Static Water Level:</b>	1.5
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>--- Details ---</b>					
<b>Stratum ID:</b>	218581669			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Topsoil
+					
<b>Stratum ID:</b>	218581670			<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>	1.0			<b>Stratum Desc:</b>	Grey-Brown Fill-Misc sand silt Trace: Org M Occasional: Gr
+					
<b>Stratum ID:</b>	218581671			<b>Top Depth(m):</b>	1.0
<b>Bottom Depth(m):</b>	1.2			<b>Stratum Desc:</b>	Grey Bedrock Limestone
+					
<b>Stratum ID:</b>	218581672			<b>Top Depth(m):</b>	1.2
<b>Bottom Depth(m):</b>	8.3			<b>Stratum Desc:</b>	Grey Bedrock Limestone Ottawa Formation

<b>BORE</b>	<b><u>34</u></b>	<b>1 of 1</b>	<b>W/169.3</b>	<b>66.2</b>	<b>ON</b>
<b>Borehole ID:</b>	804692			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Power auger			<b>UTM Zone:</b>	18
<b>Easting:</b>	440929.86			<b>Northing:</b>	5026798.13
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	67.7
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	66.6
<b>Total Depth m:</b>	.3			<b>Primary Name:</b>	AH.91-6
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	13-MAR-1991			<b>Static Water Level:</b>	-999.9
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
<b>--- Details ---</b>					
<b>Stratum ID:</b>	218581683			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Asphalt
+					
<b>Stratum ID:</b>	218581684			<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>	0.2			<b>Stratum Desc:</b>	Brown Fill-Misc Silt - Sand With: Gr
+					
<b>Stratum ID:</b>	218581685			<b>Top Depth(m):</b>	0.2
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	Dark Brown Fill-Misc Silt - Sand Occasional: Gr

<b>BORE</b>	<b><u>36</u></b>	<b>1 of 1</b>	<b>W/174.2</b>	<b>66.0</b>	<b>ON</b>
<b>Borehole ID:</b>	804691			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Power auger			<b>UTM Zone:</b>	18
<b>Easting:</b>	440925.99			<b>Northing:</b>	5026828.7
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	66.3
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	65.7
<b>Total Depth m:</b>	.5			<b>Primary Name:</b>	AH.91-5
<b>Township:</b>				<b>Concession:</b>	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Lot:				Municipality:	
Completion Date:		13-MAR-1991	Static Water Level:		-999.9
Primary Water Use:			Sec. Water Use:		
--- Details ---					
Stratum ID:		218581680	Top Depth(m):		0.0
Bottom Depth(m):		0.1	Stratum Desc:		Asphalt
+					
Stratum ID:		218581681	Top Depth(m):		0.1
Bottom Depth(m):		0.2	Stratum Desc:		Brown Fill-Misc Silt - Sand With: Gr
+					
Stratum ID:		218581682	Top Depth(m):		0.2
Bottom Depth(m):		0.5	Stratum Desc:		Brown Till clay silt With: Sa Occasional: Gr

<b>BORE</b>	<b>39</b>	<b>1 of 1</b>	<b>WSW/177.3</b>	<b>67.0</b>	<b>ON</b>
<b>Borehole ID:</b> 803488			<b>Type:</b> Borehole		
<b>Use:</b> Geotechnical/Geological Investigation			<b>Status:</b>		
<b>Drill Method:</b> Hollow stem auger			<b>UTM Zone:</b> 18		
<b>Easting:</b> 440931.57			<b>Northing:</b> 5026749.1		
<b>Location Accuracy:</b>			<b>Orig. Ground Elev m:</b> -999.9		
<b>Elev. Reliability Note:</b>			<b>DEM Ground Elev m:</b> 67.7		
<b>Total Depth m:</b> 2.3			<b>Primary Name:</b> BH 2		
<b>Township:</b>			<b>Concession:</b>		
<b>Lot:</b>			<b>Municipality:</b>		
<b>Completion Date:</b> 24-MAR-1983			<b>Static Water Level:</b> -999.9		
<b>Primary Water Use:</b>			<b>Sec. Water Use:</b>		
<b>--- Details ---</b>					
<b>Stratum ID:</b> 218576669			<b>Top Depth(m):</b> 0.0		
<b>Bottom Depth(m):</b> 0.1			<b>Stratum Desc:</b> Asphalt		
+					
<b>Stratum ID:</b> 218576670			<b>Top Depth(m):</b> 0.1		
<b>Bottom Depth(m):</b> 0.3			<b>Stratum Desc:</b> Grey Crushed Stone		
+					
<b>Stratum ID:</b> 218576671			<b>Top Depth(m):</b> 0.3		
<b>Bottom Depth(m):</b> 0.4			<b>Stratum Desc:</b> Brown Fill-Misc sand silt With: Gr		
+					
<b>Stratum ID:</b> 218576672			<b>Top Depth(m):</b> 0.4		
<b>Bottom Depth(m):</b> 0.7			<b>Stratum Desc:</b> Brown Fill-Misc Sand Trace: Gr		
+					
<b>Stratum ID:</b> 218576673			<b>Top Depth(m):</b> 0.7		
<b>Bottom Depth(m):</b> 0.7			<b>Stratum Desc:</b> Limestone		
+					
<b>Stratum ID:</b> 218576674			<b>Top Depth(m):</b> 0.7		
<b>Bottom Depth(m):</b> 1.2			<b>Stratum Desc:</b> Grey Bedrock Limestone		
+					
<b>Stratum ID:</b> 218576675			<b>Top Depth(m):</b> 1.2		
<b>Bottom Depth(m):</b> 2.3			<b>Stratum Desc:</b> Grey Bedrock Limestone		

<b>BORE</b>	<b>47</b>	<b>1 of 1</b>	<b>W/198.4</b>	<b>66.4</b>	<b>ON</b>
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<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<hr/>					
<b>Borehole ID:</b>	804690			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Power auger			<b>UTM Zone:</b>	18
<b>Easting:</b>	440900.59			<b>Northing:</b>	5026813.67
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	66.1
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	65.5
<b>Total Depth m:</b>	.4			<b>Primary Name:</b>	AH.91-4
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	13-MAR-1991			<b>Static Water Level:</b>	-999.9
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
<hr/>					
<b>--- Details ---</b>					
<b>Stratum ID:</b>	218581677			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Asphalt
<b>+</b>					
<b>Stratum ID:</b>	218581678			<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>	0.2			<b>Stratum Desc:</b>	Brown Fill-Misc Sand - Gravel Trace: Si
<b>+</b>					
<b>Stratum ID:</b>	218581679			<b>Top Depth(m):</b>	0.2
<b>Bottom Depth(m):</b>	0.4			<b>Stratum Desc:</b>	Brown Fill-Misc Sand Trace: Gr
<hr/>					
<b>BORE</b>	<b>50</b>	<b>1 of 1</b>	<b>W/206.6</b>	<b>67.0</b>	<b>ON</b>
<hr/>					
<b>Borehole ID:</b>	804695			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Hand auger			<b>UTM Zone:</b>	18
<b>Easting:</b>	440895.15			<b>Northing:</b>	5026773.28
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	67.5
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	66.5
<b>Total Depth m:</b>	.7			<b>Primary Name:</b>	TP.91-9
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	13-MAR-1991			<b>Static Water Level:</b>	-999.9
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
<hr/>					
<b>--- Details ---</b>					
<b>Stratum ID:</b>	218581690			<b>Top Depth(m):</b>	0.4
<b>Bottom Depth(m):</b>	0.4			<b>Stratum Desc:</b>	Black Fill-Misc Silt - Sand Trace: Constr Debris Occasional: Gr
<b>+</b>					
<b>Stratum ID:</b>	218581691			<b>Top Depth(m):</b>	0.4
<b>Bottom Depth(m):</b>	0.7			<b>Stratum Desc:</b>	Brown Till clay silt With: Sa Occasional: Gr
<b>+</b>					
<b>Stratum ID:</b>	218581689			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.4			<b>Stratum Desc:</b>	Brown Topsoil
<hr/>					
<b>BORE</b>	<b>54</b>	<b>1 of 1</b>	<b>WSW/211.4</b>	<b>67.6</b>	<b>ON</b>

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>Borehole ID:</b>	803490			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Hollow stem auger			<b>UTM Zone:</b>	18
<b>Easting:</b>	440902.67			<b>Northing:</b>	5026729.14
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	-999.9
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	67.6
<b>Total Depth m:</b>	.7			<b>Primary Name:</b>	BH 3
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	24-MAR-1983			<b>Static Water Level:</b>	-999.9
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
<b>--- Details ---</b>					
<b>Stratum ID:</b>	218576681			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Asphalt
<b>+</b>					
<b>Stratum ID:</b>	218576682			<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>	0.2			<b>Stratum Desc:</b>	Brown Fill-Misc Sand - Gravel
<b>+</b>					
<b>Stratum ID:</b>	218576683			<b>Top Depth(m):</b>	0.2
<b>Bottom Depth(m):</b>	0.5			<b>Stratum Desc:</b>	Grey-Brown Fill-Misc Sand - Gravel With: Si Trace: Cl
<b>+</b>					
<b>Stratum ID:</b>	218576684			<b>Top Depth(m):</b>	0.5
<b>Bottom Depth(m):</b>	0.7			<b>Stratum Desc:</b>	Limestone

<b>BORE</b>	<b>57</b>	<b>1 of 1</b>	<b>W/218.2</b>	<b>67.0</b>	<b>ON</b>
<b>Borehole ID:</b>	804689			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Rotary (conventional)			<b>UTM Zone:</b>	18
<b>Easting:</b>	440880.87			<b>Northing:</b>	5026800.04
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	66.4
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	65.5
<b>Total Depth m:</b>	8.6			<b>Primary Name:</b>	BH.91-2
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	12-MAR-1991			<b>Static Water Level:</b>	2.1
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
<b>--- Details ---</b>					
<b>Stratum ID:</b>	218581673			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Asphalt
<b>+</b>					
<b>Stratum ID:</b>	218581674			<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	Dark Brown Fill-Misc Silt - Sand With: Gr
<b>+</b>					
<b>Stratum ID:</b>	218581675			<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>	0.8			<b>Stratum Desc:</b>	Grey Bedrock Limestone Ottawa Formation
<b>+</b>					
<b>Stratum ID:</b>	218581676			<b>Top Depth(m):</b>	0.8

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>Bottom Depth(m):</b>	8.6			<b>Stratum Desc:</b>	Grey Bedrock Limestone Ottawa Formation
<b>BORE</b>	<b>66</b>	<b>1 of 1</b>	<b>WSW/237.6</b>	<b>68.0</b>	<b>ON</b>
<b>Borehole ID:</b>	803491			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Hollow stem auger			<b>UTM Zone:</b>	18
<b>Easting:</b>	440879.89			<b>Northing:</b>	5026715.57
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	-999.9
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	67.6
<b>Total Depth m:</b>	2.7			<b>Primary Name:</b>	BH 4
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	24-MAR-1983			<b>Static Water Level:</b>	2.3
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
<b>--- Details ---</b>					
<b>Stratum ID:</b>	218576687			<b>Top Depth(m):</b>	0.4
<b>Bottom Depth(m):</b>	0.9			<b>Stratum Desc:</b>	Brown Till Sand - Gravel With: Si
<b>+</b>					
<b>Stratum ID:</b>	218576685			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Asphalt
<b>+</b>					
<b>Stratum ID:</b>	218576686			<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>	0.4			<b>Stratum Desc:</b>	Brown Fill-Misc Sand - Gravel With: Si
<b>+</b>					
<b>Stratum ID:</b>	218576688			<b>Top Depth(m):</b>	0.9
<b>Bottom Depth(m):</b>	1.0			<b>Stratum Desc:</b>	Limestone
<b>+</b>					
<b>Stratum ID:</b>	218576689			<b>Top Depth(m):</b>	1.0
<b>Bottom Depth(m):</b>	2.7			<b>Stratum Desc:</b>	Grey Bedrock Limestone
<b>CA</b>	<b>11</b>	<b>1 of 1</b>	<b>ESE/115.6</b>	<b>71.3</b>	<b>OTTAWA CITY EDGEWOOD AVE./LINCOLN AVE. OTTAWA CITY ON</b>
<b>Certificate #:</b>	3-0446-93-				
<b>Application Year:</b>	93				
<b>Issue Date:</b>	5/12/1993				
<b>Approval Type:</b>	Municipal sewage				
<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>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					

<b>DB</b>	<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>
CA	<a href="#">45</a>	1 of 1	ESE/196.6	70.9	OTTAWA CITY - PT.LOT 31, CONC. 1 ATHLONE AVE./BYRON AVE. OTTAWA CITY ON
<b>Certificate #:</b>		3-1116-92-			
<b>Application Year:</b>		92			
<b>Issue Date:</b>		9/1/1992			
<b>Approval Type:</b>		Municipal sewage			
<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>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
CA	<a href="#">49</a>	1 of 1	NNW/199.8	64.6	OTTAWA CITY ELMGROVE AVE./WINONA AVE. OTTAWA CITY ON
<b>Certificate #:</b>		3-1176-94-			
<b>Application Year:</b>		94			
<b>Issue Date:</b>		9/7/1994			
<b>Approval Type:</b>		Municipal sewage			
<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>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
CA	<a href="#">53</a>	1 of 18	NE/211.3	68.0	C CORP (ONTARIO) INC. 256 RICHMOND ROAD, WINKS, SWM OTTAWA CITY ON K1Z 6W9
<b>Certificate #:</b>		3-1388-97-			
<b>Application Year:</b>		97			
<b>Issue Date:</b>		9/30/1997			
<b>Approval Type:</b>		Municipal sewage			
<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>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					

<b>DB</b>	<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>
<b>CA</b>	<b><u>65</u></b>	<b>1 of 6</b>	<b>NE/233.5</b>	<b>65.5</b>	<b>Lusitania Collision Center (1996) Limited 255 Richmond road Ottawa ON K1Z 6X1</b>
<b>Certificate #:</b>		8610-5XFJMF			
<b>Application Year:</b>		2004			
<b>Issue Date:</b>		3/26/2004			
<b>Approval Type:</b>		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>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<b>EBR</b>	<b><u>65</u></b>	<b>2 of 6</b>	<b>NE/233.5</b>	<b>65.5</b>	<b>Lusitania Collision Center (1996) Limited 255 Richmond road Ottawa ON K1Z 6X1</b>
<b>Year:</b>		2003			
<b>EBR Registry No.:</b>		IA03E1015			
<b>Ministry Ref. No.:</b>		2830-5P9NYS			
<b>Type:</b>		Instrument Decision			
<b>Instrument Type:</b>		Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9			
<b>Proposal Date:</b>		7/15/03			
<b>Location:</b>		255 Richmond road Ottawa Ontario Ottawa			
<b>Proponent Address:</b>		255 Richmond Road Ottawa Ontario K1Z 6X1			
<b>EHS</b>	<b><u>9</u></b>	<b>1 of 1</b>	<b>WSW/87.1</b>	<b>68.6</b>	<b>332 and 334 Richmond Road Ottawa ON</b>
<b>Order No.:</b>		20051104004			
<b>Report Date:</b>		11/14/2005			
<b>Report Type:</b>		Custom Report			
<b>Search Radius (km):</b>		0.25			
<b>Addit. Info Ordered:</b>					
<b>EHS</b>	<b><u>10</u></b>	<b>1 of 1</b>	<b>NNE/110.4</b>	<b>66.0</b>	<b>277 Richmond Rd Ottawa On Ottawa ON K1Z6X3</b>
<b>Order No.:</b>		20140210077			
<b>Report Date:</b>		19-FEB-14			
<b>Report Type:</b>		Standard Report			
<b>Search Radius (km):</b>		.25			
<b>Addit. Info Ordered:</b>					
<b>EHS</b>	<b><u>12</u></b>	<b>1 of 1</b>	<b>W/119.9</b>	<b>67.1</b>	<b>337 Richmond Road</b>

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>Ottawa ON K2A 0E7</b>					
<b>Order No.:</b>		20110815003			
<b>Report Date:</b>		8/19/2011			
<b>Report Type:</b>		Custom Report			
<b>Search Radius (km):</b>		0.25			
<b>Addit. Info Ordered:</b>					
<b>EHS</b>	<b><u>14</u></b>	<b>1 of 5</b>	<b>SW/126.7</b>	<b>69.8</b>	<b>412 Churchill Ave Ottawa ON</b>
<b>Order No.:</b>		20041115003			
<b>Report Date:</b>		11/18/04			
<b>Report Type:</b>		Custom Report			
<b>Search Radius (km):</b>		0.25			
<b>Addit. Info Ordered:</b>					
<b>EHS</b>	<b><u>14</u></b>	<b>2 of 5</b>	<b>SW/126.7</b>	<b>69.8</b>	<b>412 Churchill Avenue Ottawa ON K1V 8Y5</b>
<b>Order No.:</b>		20061204035			
<b>Report Date:</b>		12/8/2006			
<b>Report Type:</b>		Complete Report			
<b>Search Radius (km):</b>		0.25			
<b>Addit. Info Ordered:</b>					
<b>EHS</b>	<b><u>17</u></b>	<b>1 of 1</b>	<b>NNW/133.4</b>	<b>65.0</b>	<b>305 Picton Avenue Ottawa ON K1Z 6V4</b>
<b>Order No.:</b>		20120725032			
<b>Report Date:</b>		03-AUG-12			
<b>Report Type:</b>		Standard Report			
<b>Search Radius (km):</b>		.25			
<b>Addit. Info Ordered:</b>		Fire Insur. Maps and/or Site Plans; City Directory			
<b>EHS</b>	<b><u>27</u></b>	<b>1 of 2</b>	<b>WSW/143.2</b>	<b>68.6</b>	<b>354 Richmond Road Ottawa ON K2A 0E8</b>
<b>Order No.:</b>		20030922015			
<b>Report Date:</b>		9/24/03			
<b>Report Type:</b>		Custom Report			
<b>Search Radius (km):</b>		0.25			
<b>Addit. Info Ordered:</b>					
<b>EHS</b>	<b><u>29</u></b>	<b>1 of 1</b>	<b>W/146.8</b>	<b>66.9</b>	<b>345 Richmond Road Ottawa ON K2A 0E7</b>
<b>Order No.:</b>		20090504042			
<b>Report Date:</b>		5/13/2009			
<b>Report Type:</b>		Standard Report			



<b>DB</b>	<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>
<b>Search Radius (km):</b>		0.25			
<b>Addit. Info Ordered:</b>					
<b>EHS</b>	<a href="#"><u>31</u></a>	<b>1 of 9</b>	<b>SW/149.6</b>	<b>72.7</b>	<b>424 Churchill Avenue Ottawa ON K1Z 5C8</b>
<b>Order No.:</b>		20030922008			
<b>Report Date:</b>		9/24/03			
<b>Report Type:</b>		Custom Report			
<b>Search Radius (km):</b>		0.25			
<b>Addit. Info Ordered:</b>		Fire Insur. Maps and/or Site Plans and/or Inspection Reports			
<b>EHS</b>	<a href="#"><u>38</u></a>	<b>1 of 2</b>	<b>WSW/176.1</b>	<b>67.2</b>	<b>356 Richmond Road Ottawa ON K2A 0E8</b>
<b>Order No.:</b>		20091223015			
<b>Report Date:</b>		12/31/2009			
<b>Report Type:</b>		Standard Report			
<b>Search Radius (km):</b>		0.25			
<b>Addit. Info Ordered:</b>		Fire Insur. Maps and/or Site Plans; City Directory			
<b>EHS</b>	<a href="#"><u>40</u></a>	<b>1 of 4</b>	<b>WNW/178.4</b>	<b>65.7</b>	<b>376 Churchill Avenue Ottawa ON</b>
<b>Order No.:</b>		20100330018			
<b>Report Date:</b>		4/7/2010			
<b>Report Type:</b>		Custom Report			
<b>Search Radius (km):</b>		0.25			
<b>Addit. Info Ordered:</b>					
<b>EHS</b>	<a href="#"><u>52</u></a>	<b>1 of 12</b>	<b>WNW/208.1</b>	<b>65.0</b>	<b>364 Churchill Ave N Ottawa ON K1Z5C2</b>
<b>Order No.:</b>		20130619029			
<b>Report Date:</b>		27-JUN-13			
<b>Report Type:</b>		Standard Report			
<b>Search Radius (km):</b>		.25			
<b>Addit. Info Ordered:</b>					
<b>EHS</b>	<a href="#"><u>65</u></a>	<b>3 of 6</b>	<b>NE/233.5</b>	<b>65.5</b>	<b>255 Richmond Road Ottawa ON K1Z 6X1</b>
<b>Order No.:</b>		20081003007			
<b>Report Date:</b>		10/14/2008			
<b>Report Type:</b>		Standard Report			
<b>Search Radius (km):</b>		0.25			
<b>Addit. Info Ordered:</b>		Fire Insur. Maps and/or Site Plans			
<b>EHS</b>	<a href="#"><u>68</u></a>	<b>1 of 1</b>	<b>W/242.3</b>	<b>67.0</b>	<b>363 Madison Ave</b>

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>Ottawa ON K2A0B6</b>					
<b>Order No.:</b>		20130709019			
<b>Report Date:</b>		18-JUL-13			
<b>Report Type:</b>		Standard Report			
<b>Search Radius (km):</b>		.25			
<b>Addit. Info Ordered:</b>					
<b>EXP</b>	<b><u>7</u></b>	<b>1 of 10</b>	<b>WNW/77.3</b>	<b>67.5</b>	<b>AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7</b>
<b>Instance ID:</b> <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b> 5/22/2013 10:28 <b>Instance Number:</b> 10905926 <b>Instance Type:</b> FS Liquid Fuel Tank <b>Status:</b> EXPIRED <b>Description:</b>					
<b>EXP</b>	<b><u>7</u></b>	<b>2 of 10</b>	<b>WNW/77.3</b>	<b>67.5</b>	<b>AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7</b>
<b>Instance ID:</b> <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b> 5/22/2013 10:29 <b>Instance Number:</b> 10905941 <b>Instance Type:</b> FS Liquid Fuel Tank <b>Status:</b> EXPIRED <b>Description:</b>					
<b>EXP</b>	<b><u>7</u></b>	<b>3 of 10</b>	<b>WNW/77.3</b>	<b>67.5</b>	<b>AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7</b>
<b>Instance ID:</b> <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b> 5/22/2013 10:28 <b>Instance Number:</b> 10905908 <b>Instance Type:</b> FS Liquid Fuel Tank <b>Status:</b> EXPIRED <b>Description:</b>					
<b>EXP</b>	<b><u>7</u></b>	<b>4 of 10</b>	<b>WNW/77.3</b>	<b>67.5</b>	<b>AVENUES GARAGE LTD 319 RICHMOND RD</b>

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>OTTAWA ON K1Z 6X7</b>					
<b>Instance ID:</b>		50871			
<b>TSSA Program Area:</b>					
<b>Maximum Hazard Rank:</b>					
<b>Facility Type:</b>		FS Liquid Fuel Tank			
<b>Expired Date:</b>		5/22/2013 10:28			
<b>Instance Number:</b>		10905908			
<b>Instance Type:</b>		FS Liquid Fuel Tank			
<b>Status:</b>		EXPIRED			
<b>Description:</b>		FS Gasoline Station - Full Serve			
<b>EXP</b>	<b><u>7</u></b>	<b>5 of 10</b>	<b>WNW/77.3</b>	<b>67.5</b>	<b>AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7</b>
<b>Instance ID:</b>		51309			
<b>TSSA Program Area:</b>					
<b>Maximum Hazard Rank:</b>					
<b>Facility Type:</b>		FS Liquid Fuel Tank			
<b>Expired Date:</b>		5/22/2013 10:28			
<b>Instance Number:</b>		10905926			
<b>Instance Type:</b>		FS Liquid Fuel Tank			
<b>Status:</b>		EXPIRED			
<b>Description:</b>		FS Gasoline Station - Full Serve			
<b>EXP</b>	<b><u>7</u></b>	<b>6 of 10</b>	<b>WNW/77.3</b>	<b>67.5</b>	<b>AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7</b>
<b>Instance ID:</b>		51483			
<b>TSSA Program Area:</b>					
<b>Maximum Hazard Rank:</b>					
<b>Facility Type:</b>		FS Liquid Fuel Tank			
<b>Expired Date:</b>		5/22/2013 10:29			
<b>Instance Number:</b>		10905941			
<b>Instance Type:</b>		FS Liquid Fuel Tank			
<b>Status:</b>		EXPIRED			
<b>Description:</b>		FS Gasoline Station - Full Serve			
<b>EXP</b>	<b><u>53</u></b>	<b>2 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9</b>
<b>Instance ID:</b>					
<b>TSSA Program Area:</b>					
<b>Maximum Hazard Rank:</b>					
<b>Facility Type:</b>					
<b>Expired Date:</b>		5/21/2009			
<b>Instance Number:</b>		11106196			
<b>Instance Type:</b>		FS Liquid Fuel Tank			
<b>Status:</b>		EXPIRED			
<b>Description:</b>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>EXP</b>	<b><u>53</u></b>	<b>3 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9</b>
<b>Instance ID:</b> <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b> 5/21/2009 <b>Instance Number:</b> 11106161 <b>Instance Type:</b> FS Liquid Fuel Tank <b>Status:</b> EXPIRED <b>Description:</b>					
<b>EXP</b>	<b><u>53</u></b>	<b>4 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9</b>
<b>Instance ID:</b> <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b> 5/21/2009 <b>Instance Number:</b> 11106144 <b>Instance Type:</b> FS Liquid Fuel Tank <b>Status:</b> EXPIRED <b>Description:</b>					
<b>EXP</b>	<b><u>53</u></b>	<b>5 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9</b>
<b>Instance ID:</b> <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b> 5/21/2009 <b>Instance Number:</b> 11106181 <b>Instance Type:</b> FS Liquid Fuel Tank <b>Status:</b> EXPIRED <b>Description:</b>					
<b>EXP</b>	<b><u>53</u></b>	<b>6 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON</b>
<b>Instance ID:</b> 347030					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b> <b>Instance Number:</b> 63309344 <b>Instance Type:</b> FS Piping <b>Status:</b> EXPIRED <b>Description:</b> FS Piping					
<b>EXP</b>	<b><u>53</u></b>	<b>7 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON</b>
<b>Instance ID:</b> 69351 <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b> <b>Instance Number:</b> 11106213 <b>Instance Type:</b> FS Piping <b>Status:</b> EXPIRED <b>Description:</b> FS Piping					
<b>EXP</b>	<b><u>53</u></b>	<b>8 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9</b>
<b>Instance ID:</b> 68772 <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> FS Liquid Fuel Tank <b>Expired Date:</b> 5/21/2009 <b>Instance Number:</b> 11106196 <b>Instance Type:</b> FS Liquid Fuel Tank <b>Status:</b> EXPIRED <b>Description:</b> FS Gasoline Station - Self Serve					
<b>EXP</b>	<b><u>53</u></b>	<b>9 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9</b>
<b>Instance ID:</b> 69077 <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> FS Liquid Fuel Tank <b>Expired Date:</b> 5/21/2009 <b>Instance Number:</b> 11106161 <b>Instance Type:</b> FS Liquid Fuel Tank <b>Status:</b> EXPIRED <b>Description:</b> FS Gasoline Station - Self Serve					

<b>DB</b>	<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>
<b>EXP</b>	<b>53</b>	<b>10 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9</b>
<b>Instance ID:</b>		69247			
<b>TSSA Program Area:</b>					
<b>Maximum Hazard Rank:</b>					
<b>Facility Type:</b>		FS Liquid Fuel Tank			
<b>Expired Date:</b>		5/21/2009			
<b>Instance Number:</b>		11106144			
<b>Instance Type:</b>		FS Liquid Fuel Tank			
<b>Status:</b>		EXPIRED			
<b>Description:</b>		FS Gasoline Station - Self Serve			
<b>EXP</b>	<b>53</b>	<b>11 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9</b>
<b>Instance ID:</b>		69567			
<b>TSSA Program Area:</b>					
<b>Maximum Hazard Rank:</b>					
<b>Facility Type:</b>		FS Liquid Fuel Tank			
<b>Expired Date:</b>		5/21/2009			
<b>Instance Number:</b>		11106181			
<b>Instance Type:</b>		FS Liquid Fuel Tank			
<b>Status:</b>		EXPIRED			
<b>Description:</b>		FS Gasoline Station - Self Serve			
<b>FST</b>	<b>53</b>	<b>12 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9</b>
<b>Instance Number:</b>		11515366			
<b>Cont Name:</b>					
<b>Instance Type:</b>		FS Liquid Fuel Tank			
<b>Fuel Type:</b>		Gasoline			
<b>Status:</b>		Active			
<b>Capacity:</b>		25000			
<b>Tank Material:</b>		Steel			
<b>Corrosion Protection:</b>		Sacrificial anode			
<b>Tank Type:</b>		Double Wall UST			
<b>Install Year:</b>		1997			
<b>Parent Facility Type:</b>		FS Gasoline Station - Self Serve			
<b>Facility Type:</b>		FS Liquid Fuel Tank			
<b>FST</b>	<b>53</b>	<b>13 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>MAC'S CONVENIENCE STORES INC** 256 RICHMOND RDAT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9</b>



<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<hr/>					
<b>Instance Number:</b>		11515358			
<b>Cont Name:</b>					
<b>Instance Type:</b>		FS Liquid Fuel Tank			
<b>Fuel Type:</b>		Gasoline			
<b>Status:</b>		Active			
<b>Capacity:</b>		50000			
<b>Tank Material:</b>		Steel			
<b>Corrosion Protection:</b>		Sacrificial anode			
<b>Tank Type:</b>		Double Wall UST			
<b>Install Year:</b>		1997			
<b>Parent Facility Type:</b>		FS Gasoline Station - Self Serve			
<b>Facility Type:</b>		FS Liquid Fuel Tank			

<b>FSTH</b>	<b><u>7</u></b>	<b>7 of 10</b>	<b>WNW/77.3</b>	<b>67.6</b>	<b>AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7</b>
<hr/>					
<b>License Issue Date:</b>		4/1/2002			
<b>Tank Status:</b>		Licensed			
<b>Tank Status As Of:</b>		August 2007			
<b>Operation Type:</b>		Retail Fuel Outlet			
<b>Facility Type:</b>		Gasoline Station - Full Serve			
<b>--- Details ---</b>					
<b>Status:</b>		Active			
<b>Capacity:</b>		22700			
<b>Year of Installation:</b>		1984			
<b>Corrosion Protection:</b>					
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall UST - Gasoline			
<b>+</b>					
<b>Status:</b>		Active			
<b>Capacity:</b>		22700			
<b>Year of Installation:</b>		1984			
<b>Corrosion Protection:</b>					
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall UST - Gasoline			
<b>+</b>					
<b>Status:</b>		Active			
<b>Capacity:</b>		22700			
<b>Year of Installation:</b>		1984			
<b>Corrosion Protection:</b>					
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall UST - Diesel			

<b>FSTH</b>	<b><u>7</u></b>	<b>8 of 10</b>	<b>WNW/77.3</b>	<b>67.6</b>	<b>AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7</b>
<hr/>					
<b>License Issue Date:</b>		4/1/2002			
<b>Tank Status:</b>		Licensed			
<b>Tank Status As Of:</b>		December 2008			
<b>Operation Type:</b>		Retail Fuel Outlet			
<b>Facility Type:</b>		Gasoline Station - Full Serve			
<b>--- Details ---</b>					
<b>Status:</b>		Active			
<b>Capacity:</b>		22700			
<b>Year of Installation:</b>		1984			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
<b>Corrosion Protection:</b>					
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall UST - Gasoline			
+					
<b>Status:</b>		Active			
<b>Capacity:</b>		22700			
<b>Year of Installation:</b>		1984			
<b>Corrosion Protection:</b>					
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall UST - Gasoline			
+					
<b>Status:</b>		Active			
<b>Capacity:</b>		22700			
<b>Year of Installation:</b>		1984			
<b>Corrosion Protection:</b>					
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall UST - Diesel			

<b>FSTH</b>	<b><u>53</u></b>	<b>14 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9</b>
<hr/>					
<b>License Issue Date:</b>	8/1/2002				
<b>Tank Status:</b>	Licensed				
<b>Tank Status As Of:</b>	August 2007				
<b>Operation Type:</b>	Retail Fuel Outlet				
<b>Facility Type:</b>	Gasoline Station - Self Serve				
<b>--- Details ---</b>					
<b>Status:</b>	Active				
<b>Capacity:</b>	22600				
<b>Year of Installation:</b>	1974				
<b>Corrosion Protection:</b>					
<b>Tank Fuel Type:</b>	Liquid Fuel Single Wall UST - Gasoline				
<b>+</b>					
<b>Status:</b>	Active				
<b>Capacity:</b>	22600				
<b>Year of Installation:</b>	1974				
<b>Corrosion Protection:</b>					
<b>Tank Fuel Type:</b>	Liquid Fuel Single Wall UST - Gasoline				
<b>+</b>					
<b>Status:</b>	Active				
<b>Capacity:</b>	22600				
<b>Year of Installation:</b>	1974				
<b>Corrosion Protection:</b>					
<b>Tank Fuel Type:</b>	Liquid Fuel Single Wall UST - Gasoline				
<b>+</b>					
<b>Status:</b>	Active				
<b>Capacity:</b>	22600				
<b>Year of Installation:</b>	1974				
<b>Corrosion Protection:</b>					
<b>Tank Fuel Type:</b>	Liquid Fuel Single Wall UST - Gasoline				

<b>FSTH</b>	<b><u>53</u></b>	<b>15 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9</b>
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**License Issue Date:** 8/1/2002

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Tank Status:		Licensed			
Tank Status As Of:		December 2008			
Operation Type:		Retail Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			
--- Details ---					
Status:		Active			
Capacity:		22600			
Year of Installation:		1974			
Corrosion Protection:					
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
+					
Status:		Active			
Capacity:		22600			
Year of Installation:		1974			
Corrosion Protection:					
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
+					
Status:		Active			
Capacity:		22600			
Year of Installation:		1974			
Corrosion Protection:					
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
+					
Status:		Active			
Capacity:		22600			
Year of Installation:		1974			
Corrosion Protection:					
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
+					
Status:		Active			
Capacity:		50000			
Year of Installation:		1997			
Corrosion Protection:					
Tank Fuel Type:		Liquid Fuel Double Wall UST - Gasoline			
+					
Status:		Active			
Capacity:		25000			
Year of Installation:		1997			
Corrosion Protection:					
Tank Fuel Type:		Liquid Fuel Double Wall UST - Gasoline			

<b>GEN</b>	<b><u>1</u></b>	<b>1 of 1</b>	<b>NNW/17.8</b>	<b>68.0</b>	<b>Cassone Construction 300 Richmond Rd. Ottawa ON</b>
<b>Generator #:</b>		ON4702399			
<b>Approval Yrs:</b>		2012			
<b>SIC Code:</b>		236220			
<b>SIC Description:</b>		Commercial and Institutional Building Construction			

<b>GEN</b>	<b><u>7</u></b>	<b>9 of 10</b>	<b>WNW/77.3</b>	<b>67.5</b>	<b>Avenues Garage Ltd. 319 Richmond Rd Ottawa ON</b>
<b>Generator #:</b>		ON3859040			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>Approval Yrs:</b>		2013			
<b>SIC Code:</b>		811111			
<b>SIC Description:</b>		GENERAL AUTOMOTIVE REPAIR			
<b>--- Details ---</b>					
<b>Waste Code:</b>		221			
<b>Waste Description:</b>		LIGHT FUELS			
<b>GEN</b>	<b><u>13</u></b>	<b>1 of 2</b>	<b>WSW/124.2</b>	<b>68.1</b>	<b>WESTBOROUGH PHARMASAVE 340 RICHMOND ROAD OTTAWA ON K2A 0E8</b>
<b>Generator #:</b>		ON1842422			
<b>Approval Yrs:</b>		00,01			
<b>SIC Code:</b>		6031			
<b>SIC Description:</b>		PHARMACIES			
<b>--- Details ---</b>					
<b>Waste Code:</b>		261			
<b>Waste Description:</b>		PHARMACEUTICALS			
<b>+</b>					
<b>Waste Code:</b>		312			
<b>Waste Description:</b>		PATHOLOGICAL WASTES			
<b>GEN</b>	<b><u>13</u></b>	<b>2 of 2</b>	<b>WSW/124.2</b>	<b>68.1</b>	<b>WESTBORO PHARMACY LTD WESTBORO PHARMACY LIMITED 340 RICHMOND ROAD OTTAWA ON K2A 0E8</b>
<b>Generator #:</b>		ON1842422			
<b>Approval Yrs:</b>		02,03,04			
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>--- Details ---</b>					
<b>Waste Code:</b>		261			
<b>Waste Description:</b>		PHARMACEUTICALS			
<b>+</b>					
<b>Waste Code:</b>		312			
<b>Waste Description:</b>		PATHOLOGICAL WASTES			
<b>GEN</b>	<b><u>14</u></b>	<b>3 of 5</b>	<b>SW/126.7</b>	<b>69.8</b>	<b>ALBERT &amp; SON ENGRAVERS 412B CHURCHILL AVE. OTTAWA ON K1Z 5C6</b>
<b>Generator #:</b>		ON2135900			
<b>Approval Yrs:</b>		96,97,98			
<b>SIC Code:</b>		2821			
<b>SIC Description:</b>		PLATEMAKING, ETC.			
<b>--- Details ---</b>					
<b>Waste Code:</b>		112			
<b>Waste Description:</b>		ACID WASTE - HEAVY METALS			
<b>+</b>					
<b>Waste Code:</b>		211			
<b>Waste Description:</b>		AROMATIC SOLVENTS			
<b>+</b>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>Waste Code:</b>		212			
<b>Waste Description:</b>		ALIPHATIC SOLVENTS			
<b>GEN</b>	<b><u>19</u></b>	<b>1 of 1</b>	<b>WSW/135.2</b>	<b>68.0</b>	<b>561391 Ontario Inc. 350 Richmond Road Ottawa ON K2A 0E8</b>
<b>Generator #:</b>		ON1337355			
<b>Approval Yrs:</b>		03,04			
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>GEN</b>	<b><u>22</u></b>	<b>1 of 1</b>	<b>SSW/137.5</b>	<b>73.6</b>	<b>LAUNDRY LAND 424 Churchill ave. Ottawa ON</b>
<b>Generator #:</b>		ON0550900			
<b>Approval Yrs:</b>		As of May 2015			
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>--- Details ---</b>					
<b>Waste Code:</b>		241			
<b>Waste Description:</b>		Halogenated solvents and residues			
<b>GEN</b>	<b><u>27</u></b>	<b>2 of 2</b>	<b>WSW/143.2</b>	<b>68.6</b>	<b>PEARL CLEANERS 354B RICHMOND ROAD OTTAWA ON K2A 0E8</b>
<b>Generator #:</b>		ON1984500			
<b>Approval Yrs:</b>		95,96,97,98,99,00,01			
<b>SIC Code:</b>		2499			
<b>SIC Description:</b>		OTHER CLOTHING ETC.			
<b>--- Details ---</b>					
<b>Waste Code:</b>		241			
<b>Waste Description:</b>		HALOGENATED SOLVENTS			
<b>GEN</b>	<b><u>31</u></b>	<b>2 of 9</b>	<b>SW/149.6</b>	<b>72.7</b>	<b>LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1N 6B5</b>
<b>Generator #:</b>		ON0550900			
<b>Approval Yrs:</b>		86,87,88,89			
<b>SIC Code:</b>		9721			
<b>SIC Description:</b>		POWER LAUND./CLEANERS			
<b>--- Details ---</b>					
<b>Waste Code:</b>		241			
<b>Waste Description:</b>		HALOGENATED SOLVENTS			
<b>GEN</b>	<b><u>31</u></b>	<b>3 of 9</b>	<b>SW/149.6</b>	<b>72.7</b>	<b>LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8</b>

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>Generator #:</b>		ON0550900			
<b>Approval Yrs:</b>		92,93,94,95,96,97,98			
<b>SIC Code:</b>		9721			
<b>SIC Description:</b>		POWER LAUND./CLEANER			
<b>--- Details ---</b>					
<b>Waste Code:</b>		241			
<b>Waste Description:</b>		HALOGENATED SOLVENTS			
<b>GEN</b>	<b><u>31</u></b>	<b>4 of 9</b>	<b>SW/149.6</b>	<b>72.7</b>	<b>LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8</b>
<b>Generator #:</b>		ON0550900			
<b>Approval Yrs:</b>		99,00,01,02,03,04,05,06,07,08			
<b>SIC Code:</b>		9721			
<b>SIC Description:</b>		POWER LAUND./CLEANERS			
<b>--- Details ---</b>					
<b>Waste Code:</b>		241			
<b>Waste Description:</b>		HALOGENATED SOLVENTS			
<b>GEN</b>	<b><u>31</u></b>	<b>5 of 9</b>	<b>SW/149.6</b>	<b>72.7</b>	<b>LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8</b>
<b>Generator #:</b>		ON0550900			
<b>Approval Yrs:</b>		2009			
<b>SIC Code:</b>		812310			
<b>SIC Description:</b>		Coin-Operated Laundries and Dry Cleaners			
<b>--- Details ---</b>					
<b>Waste Code:</b>		241			
<b>Waste Description:</b>		HALOGENATED SOLVENTS			
<b>GEN</b>	<b><u>31</u></b>	<b>6 of 9</b>	<b>SW/149.6</b>	<b>72.7</b>	<b>LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8</b>
<b>Generator #:</b>		ON0550900			
<b>Approval Yrs:</b>		2010			
<b>SIC Code:</b>		812310			
<b>SIC Description:</b>		Coin-Operated Laundries and Dry Cleaners			
<b>--- Details ---</b>					
<b>Waste Code:</b>		241			
<b>Waste Description:</b>		HALOGENATED SOLVENTS			
<b>GEN</b>	<b><u>31</u></b>	<b>7 of 9</b>	<b>SW/149.6</b>	<b>72.7</b>	<b>LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8</b>
<b>Generator #:</b>		ON0550900			
<b>Approval Yrs:</b>		2011			
<b>SIC Code:</b>		812310			



DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
SIC Description:		Coin-Operated Laundries and Dry Cleaners			
--- Details ---					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
GEN	<u>31</u>	8 of 9	SW/149.6	72.7	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8
Generator #:		ON0550900			
Approval Yrs:		2012			
SIC Code:		812310			
SIC Description:		Coin-Operated Laundries and Dry Cleaners			
--- Details ---					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
GEN	<u>31</u>	9 of 9	SW/149.6	72.6	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON
Generator #:		ON0550900			
Approval Yrs:		2013			
SIC Code:		812310			
SIC Description:		COIN-OPERATED LAUNDRIES AND DRY CLEANERS			
--- Details ---					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
GEN	<u>40</u>	2 of 4	WNW/178.4	65.7	regional elevator 376 churchill road ottawa ON
Generator #:		ON2901040			
Approval Yrs:		2011			
SIC Code:		238291			
SIC Description:					
GEN	<u>41</u>	1 of 2	WSW/187.8	67.6	VELO SPORTABLE CYCLE 358 RICHMOND ROAD OTTAWA ON K2A 0E8
Generator #:		ON1830701			
Approval Yrs:		00,01			
SIC Code:		6541			
SIC Description:		SPORTING GOODS STORE			
--- Details ---					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
+					
Waste Code:		212			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>Waste Description:</b>		ALIPHATIC SOLVENTS			
+					
<b>Waste Code:</b>		213			
<b>Waste Description:</b>		PETROLEUM DISTILLATES			
+					
<b>Waste Code:</b>		221			
<b>Waste Description:</b>		LIGHT FUELS			
+					
<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>GEN</b>	<b><u>41</u></b>	<b>2 of 2</b>	<b>WSW/187.8</b>	<b>67.6</b>	<b>1534244 Ontario Inc 358 Richmond Road Ottawa ON</b>
<b>Generator #:</b>	ON5993376				
<b>Approval Yrs:</b>	03,04,06				
<b>SIC Code:</b>	451110				
<b>SIC Description:</b>	Sporting Goods Stores				
<b>--- Details ---</b>					
<b>Waste Code:</b>	211				
<b>Waste Description:</b>	AROMATIC SOLVENTS				
<b>+</b>					
<b>Waste Code:</b>	213				
<b>Waste Description:</b>	PETROLEUM DISTILLATES				

<b>GEN</b>	<b><u>43</u></b>	<b>1 of 2</b>	<b>SW/190.1</b>	<b>71.0</b>	<b>Blyth Academy Ottawa 352 Danforth Ave Ottawa ON</b>
<b>Generator #:</b>		ON7687172			
<b>Approval Yrs:</b>		As of May 2015			
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>--- Details ---</b>					
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		Misc. wastes and inorganic chemicals			
<b>+</b>					
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		Misc. waste organic chemicals			

<b>GEN</b>	<b><u>43</u></b>	<b>2 of 2</b>	<b>SW/190.1</b>	<b>71.0</b>	<b>Blyth Academy Ottawa 352 Danforth Ave Ottawa ON</b>
<b>Generator #:</b>		ON7687172			
<b>Approval Yrs:</b>		2013			
<b>SIC Code:</b>		611110			
<b>SIC Description:</b>		ELEMENTARY AND SECONDARY SCHOOLS			
<b>--- Details ---</b>					
<b>Waste Code:</b>		263			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
+					
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
<b>GEN</b>	<a href="#"><u>46</u></a>	<b>1 of 3</b>	<b>NE/197.8</b>	<b>65.4</b>	<b>LAMBLE PHOTO-LAB SERVICES 24-946 371 ATHLONE AVE. OTTAWA ON K1Z 5M3</b>
<b>Generator #:</b>		ON1597100			
<b>Approval Yrs:</b>		92,93,94,95,96,97,98			
<b>SIC Code:</b>		6571			
<b>SIC Description:</b>		CAMERA/PHOTO. SUPPLY			
--- Details ---					
<b>Waste Code:</b>		264			
<b>Waste Description:</b>		PHOTOPROCESSING WASTES			
<b>GEN</b>	<a href="#"><u>52</u></a>	<b>2 of 12</b>	<b>WNW/208.1</b>	<b>65.0</b>	<b>Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON</b>
<b>Generator #:</b>		ON2549408			
<b>Approval Yrs:</b>		2013			
<b>SIC Code:</b>		541940			
<b>SIC Description:</b>		VETERINARY SERVICES			
--- Details ---					
<b>Waste Code:</b>		312			
<b>Waste Description:</b>		PATHOLOGICAL WASTES			
+					
<b>Waste Code:</b>		261			
<b>Waste Description:</b>		PHARMACEUTICALS			
<b>GEN</b>	<a href="#"><u>52</u></a>	<b>3 of 12</b>	<b>WNW/208.1</b>	<b>65.0</b>	<b>METROTYPE GRAPHICS LTD. 364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9</b>
<b>Generator #:</b>		ON0785600			
<b>Approval Yrs:</b>		88,89			
<b>SIC Code:</b>		2821			
<b>SIC Description:</b>		PLATEMAKING, ETC.			
--- Details ---					
<b>Waste Code:</b>		264			
<b>Waste Description:</b>		PHOTOPROCESSING WASTES			
<b>GEN</b>	<a href="#"><u>52</u></a>	<b>4 of 12</b>	<b>WNW/208.1</b>	<b>65.0</b>	<b>METROTYPE GRAPHICS LTD. 364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9</b>
<b>Generator #:</b>		ON0785600			
<b>Approval Yrs:</b>		90			
<b>SIC Code:</b>		2821			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
SIC Description:		PLATEMAKING, ETC.			
--- Details ---					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
GEN	<a href="#">52</a>	5 of 12	WNW/208.1	65.0	METROTYPE GRAPHICS LTD. 26-238 364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9
Generator #:		ON0785600			
Approval Yrs:		92,93,94,95,96			
SIC Code:		2821			
SIC Description:		PLATEMAKING, ETC.			
--- Details ---					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
GEN	<a href="#">52</a>	6 of 12	WNW/208.1	65.0	METRO(OUT OF BUS) 26-238 364 CHURCHILL STREET NORTH OTTAWA ON K1Z 5G9
Generator #:		ON0785600			
Approval Yrs:		97,98			
SIC Code:		2821			
SIC Description:		PLATEMAKING, ETC.			
--- Details ---					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
GEN	<a href="#">52</a>	7 of 12	WNW/208.1	65.0	Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON K1Z 5C2
Generator #:		ON2549408			
Approval Yrs:		As of May 2015			
SIC Code:					
SIC Description:					
--- Details ---					
Waste Code:		312			
Waste Description:		Pathological wastes			
+					
Waste Code:		261			
Waste Description:		Pharmaceuticals			
GEN	<a href="#">52</a>	8 of 12	WNW/208.1	65.0	Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON K1Z 5C2
Generator #:		ON2549408			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>Approval Yrs:</b>		07,08			
<b>SIC Code:</b>		541940			
<b>SIC Description:</b>		Veterinary Services			
<b>--- Details ---</b>					
<b>Waste Code:</b>		261			
<b>Waste Description:</b>		PHARMACEUTICALS			
<b>+</b>					
<b>Waste Code:</b>		312			
<b>Waste Description:</b>		PATHOLOGICAL WASTES			
<b>GEN</b>	<b><u>52</u></b>	<b>9 of 12</b>	<b>WNW/208.1</b>	<b>65.0</b>	<b>Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON K1Z 5C2</b>
<b>Generator #:</b>		ON2549408			
<b>Approval Yrs:</b>		2009			
<b>SIC Code:</b>		541940			
<b>SIC Description:</b>		Veterinary Services			
<b>--- Details ---</b>					
<b>Waste Code:</b>		261			
<b>Waste Description:</b>		PHARMACEUTICALS			
<b>+</b>					
<b>Waste Code:</b>		312			
<b>Waste Description:</b>		PATHOLOGICAL WASTES			
<b>GEN</b>	<b><u>52</u></b>	<b>10 of 12</b>	<b>WNW/208.1</b>	<b>65.0</b>	<b>Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON K1Z 5C2</b>
<b>Generator #:</b>		ON2549408			
<b>Approval Yrs:</b>		2010			
<b>SIC Code:</b>		541940			
<b>SIC Description:</b>		Veterinary Services			
<b>--- Details ---</b>					
<b>Waste Code:</b>		261			
<b>Waste Description:</b>		PHARMACEUTICALS			
<b>+</b>					
<b>Waste Code:</b>		312			
<b>Waste Description:</b>		PATHOLOGICAL WASTES			
<b>GEN</b>	<b><u>52</u></b>	<b>11 of 12</b>	<b>WNW/208.1</b>	<b>65.0</b>	<b>Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON K1Z 5C2</b>
<b>Generator #:</b>		ON2549408			
<b>Approval Yrs:</b>		2011			
<b>SIC Code:</b>		541940			
<b>SIC Description:</b>		Veterinary Services			
<b>--- Details ---</b>					
<b>Waste Code:</b>		261			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Waste Description:		PHARMACEUTICALS			
+					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
GEN	<a href="#">52</a>	12 of 12	WNW/208.1	65.0	Cameron Veterinary Professional Corporation 364 Churchill Avenue North Ottawa ON K1Z 5C2
Generator #:		ON2549408			
Approval Yrs:		2012			
SIC Code:		541940			
SIC Description:		Veterinary Services			
--- Details ---					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
+					
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
GEN	<a href="#">53</a>	16 of 18	NE/211.3	68.0	MACS CONVENIENCE STORES INC. 256 RICHMOND RD., OTTAWA ON K1Z 6W9
Generator #:		ON8452716			
Approval Yrs:		06			
SIC Code:		447110			
SIC Description:		Gasoline Stations with Convenience Stores			
--- Details ---					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
GEN	<a href="#">56</a>	1 of 2	WSW/218.1	68.0	Mountain Equipment Co-op 366 Richmond Road Ottawa ON
Generator #:		ON6336429			
Approval Yrs:		2013			
SIC Code:		451110, 811490			
SIC Description:		SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE			
--- Details ---					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
GEN	<a href="#">56</a>	2 of 2	WSW/218.1	68.0	Mountain Equipment Co-op Ottawa 366 Richmond Road Ottawa ON
Generator #:		ON6336429			
Approval Yrs:		As of May 2015			
SIC Code:					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>SIC Description:</b>					
--- Details ---					
		252			
		Waste crankcase oils and lubricants			
<b>GEN</b>	<b>60</b>	<b>1 of 2</b>	<b>WSW/223.7</b>	<b>68.0</b>	<b>Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8</b>
<b>Generator #:</b>		ON6336429			
<b>Approval Yrs:</b>		2011			
<b>SIC Code:</b>		451110, 811490			
<b>SIC Description:</b>					
<b>GEN</b>	<b>60</b>	<b>2 of 2</b>	<b>WSW/223.7</b>	<b>68.0</b>	<b>Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8</b>
<b>Generator #:</b>		ON6336429			
<b>Approval Yrs:</b>		2012			
<b>SIC Code:</b>		451110, 811490			
<b>SIC Description:</b>		Sporting Goods Stores, Other Personal and Household Goods Repair and Maintenance			
<b>GEN</b>	<b>61</b>	<b>1 of 5</b>	<b>SSW/226.6</b>	<b>75.0</b>	<b>Ottawa-Carleton District School Board Health &amp; Safety 345 Ravenhill Ave. Ottawa ON K2A 0J5</b>
<b>Generator #:</b>		ON6810332			
<b>Approval Yrs:</b>		As of May 2015			
<b>SIC Code:</b>					
<b>SIC Description:</b>					
--- Details ---					
		146			
		Other specified inorganic sludges, slurries or solids			
		145			
		Wastes from the use of pigments, coatings and paints			
<b>GEN</b>	<b>61</b>	<b>2 of 5</b>	<b>SSW/226.6</b>	<b>75.0</b>	<b>Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5</b>
<b>Generator #:</b>		ON6810332			
<b>Approval Yrs:</b>		2009			
<b>SIC Code:</b>		611110			
<b>SIC Description:</b>		Elementary and Secondary Schools			
--- Details ---					
		146			
		OTHER SPECIFIED INORGANICS			



DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
GEN	<a href="#">61</a>	3 of 5	SSW/226.6	75.0	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5
Generator #:		ON6810332			
Approval Yrs:		2010			
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
--- Details ---					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
+					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
GEN	<a href="#">61</a>	4 of 5	SSW/226.6	75.0	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5
Generator #:		ON6810332			
Approval Yrs:		2011			
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
--- Details ---					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
+					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
GEN	<a href="#">61</a>	5 of 5	SSW/226.6	75.0	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5
Generator #:		ON6810332			
Approval Yrs:		2012			
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
--- Details ---					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
+					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
GEN	<a href="#">63</a>	1 of 1	NE/230.3	65.5	Tall Tree Technologies Inc. 255 Richmond Rd. Unit 1 Ottawa ON
Generator #:		ON3292507			
Approval Yrs:		2013			
SIC Code:		451110			
SIC Description:		SPORTING GOODS STORES			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
--- Details ---					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
GEN	<u>64</u>	1 of 1	SSW/232.2	75.0	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON
Generator #:		ON6810332			
Approval Yrs:		2013			
SIC Code:		611110			
SIC Description:		ELEMENTARY AND SECONDARY SCHOOLS			
--- Details ---					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
+					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
GEN	<u>65</u>	4 of 6	NE/233.5	65.5	Tall Tree Technologies Inc. 255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1
Generator #:		ON3292507			
Approval Yrs:		2009			
SIC Code:		451110			
SIC Description:		Sporting Goods Stores			
--- Details ---					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
GEN	<u>65</u>	5 of 6	NE/233.5	65.5	Tall Tree Technologies Inc. 255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1
Generator #:		ON3292507			
Approval Yrs:		2011			
SIC Code:		451110			
SIC Description:					
--- Details ---					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
GEN	<u>65</u>	6 of 6	NE/233.5	65.5	Tall Tree Technologies Inc. 255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1
Generator #:		ON3292507			
Approval Yrs:		2012			
SIC Code:		451110			
SIC Description:		Sporting Goods Stores			
--- Details ---					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>	
<b>Waste Code:</b>		251				
<b>Waste Description:</b>		OIL SKIMMINGS & SLUDGES				
<b>GEN</b>	<b>70</b>	<b>1 of 2</b>	<b>WSW/246.7</b>	<b>68.0</b>	<b>JOSEPH C. GAFFNEY 372 RICHMOND ROAD OTTAWA ON K2A 0E8</b>	
<b>Generator #:</b>		ON1338700				
<b>Approval Yrs:</b>		90				
<b>SIC Code:</b>		6331				
<b>SIC Description:</b>		GASOLINE SERV. ST.				
<b>--- Details ---</b>						
<b>Waste Code:</b>		221				
<b>Waste Description:</b>		LIGHT FUELS				
<b>GEN</b>	<b>70</b>	<b>2 of 2</b>	<b>WSW/246.7</b>	<b>68.0</b>	<b>JOSEPH C. GAFFNEY 372 RICHMOND ROAD OTTAWA ON K2A 0E8</b>	<b>22-433</b>
<b>Generator #:</b>		ON1338700				
<b>Approval Yrs:</b>		92,93,94,95,96,97,98				
<b>SIC Code:</b>		6331				
<b>SIC Description:</b>		GASOLINE SERV. ST.				
<b>--- Details ---</b>						
<b>Waste Code:</b>		221				
<b>Waste Description:</b>		LIGHT FUELS				
<b>HINC</b>	<b>18</b>	<b>1 of 1</b>	<b>W/134.9</b>	<b>67.0</b>	<b>343 RICHMOND ROAD Ottawa ON K2A 0E7</b>	
<b>External File Num:</b>		FS INC 0609-02847				
<b>Date of Occurrence:</b>		10/18/2006				
<b>Fuel Occurrence Type:</b>		Pipeline Strike				
<b>Fuel Type Involved:</b>		Natural Gas				
<b>Status Desc:</b>		Completed - Causal Analysis(End)				
<b>Job Type Desc:</b>		Incident/Near-Miss Occurrence (FS)				
<b>Oper. Type Involved:</b>		Commercial (e.g. restaurant, business unit, etc)				
<b>Service Interruptions:</b>		Yes				
<b>Property Damage:</b>		No				
<b>Fuel Life Cycle Stage:</b>		Utilization				
<b>Root Cause:</b>		Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:No Human Factors:Yes				
<b>Reported Details:</b>						
<b>Fuel Category:</b>		Gaseous Fuel				
<b>Occurrence Type:</b>		Incident				
<b>Affiliation:</b>		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
<b>County Name:</b>		Ottawa				
<b>Approx. Quant. Rel:</b>						
<b>Nearby body of water:</b>						
<b>Enter Drainage Syst.:</b>						
<b>Approx. Quant. Unit:</b>						
<b>Environmental Impact:</b>						

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>HINC</b>	<b>35</b>	<b>1 of 1</b>	<b>NE/173.2</b>	<b>65.2</b>	<b>267 Richmond Rd OTTAWA ON</b>
<b>External File Num:</b> FS INC 0611-03751 <b>Date of Occurrence:</b> 11/4/2006 <b>Fuel Occurrence Type:</b> Fire <b>Fuel Type Involved:</b> Natural Gas <b>Status Desc:</b> Completed - Causal Analysis(End) <b>Job Type Desc:</b> Incident/Near-Miss Occurrence (FS) <b>Oper. Type Involved:</b> Commercial (e.g. restaurant, business unit, etc) <b>Service Interruptions:</b> Yes <b>Property Damage:</b> Yes <b>Fuel Life Cycle Stage:</b> Utilization <b>Root Cause:</b> Root Cause: Equipment/Material/Component:Yes Procedures:Yes Maintenance:Yes Design:No Training:No Management:No Human Factors:No <b>Reported Details:</b> <b>Fuel Category:</b> Gaseous Fuel <b>Occurrence Type:</b> Incident <b>Affiliation:</b> Member of the General Public <b>County Name:</b> Prescott and Russell <b>Approx. Quant. Rel:</b> <b>Nearby body of water:</b> <b>Enter Drainage Syst.:</b> <b>Approx. Quant. Unit:</b> <b>Environmental Impact:</b>					

<b>INC</b>	<b>14</b>	<b>4 of 5</b>	<b>SW/126.7</b>	<b>69.8</b>	<b>412 &amp; 414 Churchill Avenue, Ottawa ON</b>
<b>Incident ID:</b> 2528892 <b>Incident Number:</b> 377302 <b>SR Type:</b> FS-Incident <b>Status Code:</b> Causal Analysis Complete <b>Summary:</b> 412 & 414 Churchill Avenue, Ottawa - 1" Pipeline Hit <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> Service / Riser Distribution Pipeline <b>Pipeline Involved:</b> <b>Pipe Material:</b> Plastic <b>Depth Ground Cover:</b> .8m <b>Regulator Location:</b> Outside <b>Regulator Type:</b> Service Regulator (up to 60 psi intake)					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<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>		IP			
<b>PES</b>	<b><u>4</u></b>	<b>1 of 2</b>	<b>NNW/53.2</b>	<b>67.0</b>	<b>P. &amp; T. EQUIPMENT 311 RICHMOND ROAD, SUITE 308 OTTAWA ON K1Z 6X3</b>
<b>Licence No.:</b> <b>Licence Type:</b>		Operator			
<b>PES</b>	<b><u>38</u></b>	<b>2 of 2</b>	<b>WSW/176.1</b>	<b>67.2</b>	<b>DOVERS HARDWARE 356 RICHMOND ROAD OTTAWA ON K2A 0E8</b>
<b>Licence No.:</b> <b>Licence Type:</b>		Vendor			
<b>PINC</b>	<b><u>58</u></b>	<b>1 of 1</b>	<b>ENE/218.2</b>	<b>70.0</b>	<b>412 Tweedsmuir Ave. Ottawa ON</b>
<b>Incident ID:</b> <b>Tank Status:</b> <b>Attribute Category:</b> <b>Task Number:</b> <b>SR Type:</b> <b>Incident Number:</b> <b>Status Code:</b> <b>Summary:</b> <b>Spills Action Centre:</b> <b>Reported By:</b> <b>Affiliation:</b> <b>Method Details:</b> <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>		2696610 RC Established Excavation practices not sufficient 3245285 FS-Pipeline Incident 540152 Pipeline Damage Reason Est 412 Tweedsmuir Ave. Ottawa - 3/4" Pipeline Hit  Armstrong, Alan - Enbridge Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) E-mail Natural Gas Pipeline Strike 11/8/2010 0:00 2011/03/23 No  No Yes Yes			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>Fuel Type:</b> Natural Gas <b>Enforce Policy:</b> Yes <b>Operation Type:</b> Construction Site (pipeline strike) <b>Damage Reason:</b> FS-Perform P-line Inc Invest <b>Public Relation:</b> No <b>Pipeline System:</b> <b>Pipeline Type:</b> <b>Depth:</b> <b>Pipe Material:</b> <b>Regualtor Location:</b> <b>PSIG:</b> <b>Regulator Type:</b> <b>Notes:</b>					
<b>PINC</b>	<b><u>59</u></b>	<b>1 of 1</b>	<b>NW/222.8</b>	<b>65.0</b>	<b>351 Churchill Avenue North, Ottawa ON K1Z 5B8</b>
<b>Incident ID:</b> 2695024 <b>Tank Status:</b> <b>Attribute Category:</b> <b>Task Number:</b> <b>SR Type:</b> FS-Pipeline Incident <b>Incident Number:</b> 538578 <b>Status Code:</b> Pipeline Damage Reason Est <b>Summary:</b> 351 Churchill Avenue North, Ottawa - 1/2" Pipeline Hit <b>Spills Action Centre:</b> <b>Reported By:</b> Stiles, Jeff - Enbridge <b>Affiliation:</b> Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) <b>Method Details:</b> utility damage <b>Fuel Category:</b> Heating Fuel <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>Regualtor Location:</b> <b>PSIG:</b> <b>Regulator Type:</b> <b>Notes:</b>					
<b>PRT</b>	<b><u>7</u></b>	<b>10 of 10</b>	<b>WNW/77.3</b>	<b>67.6</b>	<b>TWENTY FIRST CENTURY MOTORS INC 319 RICHMOND RD</b>

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
OTTAWA ON K1Z6X7					
Location ID:		11058			
Type:		retail			
Expiry Date:		1995-11-30			
Capacity (L):		68100			
Licence #:		0076376086			
PRT	<u>53</u>	17 of 18	NE/211.3	68.0	C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON
Location ID:		19762			
Type:		retail			
Expiry Date:		1996-02-28			
Capacity (L):		15926			
Licence #:		0076355528			
SCT	<u>3</u>	1 of 1	WNW/37.7	68.0	Forbie Activewear 314 Richmond Rd Ottawa ON K1Z 6X6
Established:		1993			
Plant Size (ft²):					
Employment:					
--- Details ---					
SIC/NAICS Code:		315210			
Description:		Cut and Sew Clothing Contracting			
+					
SIC/NAICS Code:		315229			
Description:		Other Men's and Boys' Cut and Sew Clothing Manufacturing			
+					
SIC/NAICS Code:		315239			
Description:		Other Women's and Girls' Cut and Sew Clothing Manufacturing			
+					
SIC/NAICS Code:		315299			
Description:		All Other Cut and Sew Clothing Manufacturing			
+					
SIC/NAICS Code:		315990			
Description:		Clothing Accessories and Other Clothing Manufacturing			
SCT	<u>4</u>	2 of 2	NNW/53.2	67.0	GEVC Interactive Inc. 311 Richmond Rd Suite 204 Ottawa ON K1Z 6X3
Established:		01-AUG-94			
Plant Size (ft²):					
Employment:					
--- Details ---					
SIC/NAICS Code:		511210			
Description:		Software Publishers			



DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
SCT	<u>5</u>	1 of 1	WSW/54.1	68.2	Valberg Imaging 322 Richmond Rd Ottawa ON K1Z 6X6
Established:		01-DEC-85			
Plant Size (ft²):					
Employment:					
--- Details ---					
SIC/NAICS Code:		323119			
Description:		Other Printing			
+					
SIC/NAICS Code:		541920			
Description:		Photographic Services			
SCT	<u>16</u>	1 of 1	WSW/129.1	68.0	BlackCherry Digital Media Inc. 346 Richmond Rd Suite 210 Ottawa ON K2A 0E8
Established:		01-AUG-04			
Plant Size (ft²):					
Employment:					
--- Details ---					
SIC/NAICS Code:		541430			
Description:		Graphic Design Services			
+					
SIC/NAICS Code:		511210			
Description:		Software Publishers			
+					
SIC/NAICS Code:		541510			
Description:		Computer Systems Design and Related Services			
+					
SIC/NAICS Code:		512110			
Description:		Motion Picture and Video Production			
SCT	<u>20</u>	1 of 1	WNW/135.2	65.9	Gold Cast 377 Churchill Ave N Ottawa ON K1Z 5C4
Established:		01-AUG-93			
Plant Size (ft²):					
Employment:					
--- Details ---					
SIC/NAICS Code:		339910			
Description:		Jewellery and Silverware Manufacturing			
SCT	<u>25</u>	1 of 4	N/141.5	65.0	Y'S OWL CO-OPERATIVE INC 290 PICTON AVE OTTAWA ON K1Z 8P8
Established:		1981			
Plant Size (ft²):		8000			
Employment:		17			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
--- Details --- SIC/NAICS Code: 3089 Description: PLASTICS PRODUCTS, N.E.C.					
SCT	<a href="#">25</a>	2 of 4	N/141.5	65.0	Orezone Resources Inc. 290 Picton St Suite 201 Ottawa ON K1Z 8P8
Established:		1987			
Plant Size (ft²):					
Employment:		10			
--- Details --- SIC/NAICS Code: 541510 Description: Computer Systems Design and Related Services					
+ SIC/NAICS Code:		541510			
Description:		Computer Systems Design and Related Services			
SCT	<a href="#">25</a>	3 of 4	N/141.5	65.0	Apption Software Inc. 290 Picton Ave Suite 104 Ottawa ON K1Z 8P8
Established:		01-NOV-04			
Plant Size (ft²):					
Employment:					
--- Details --- SIC/NAICS Code: 541510 Description: Computer Systems Design and Related Services					
+ SIC/NAICS Code:		541510			
Description:		Computer Systems Design and Related Services			
SCT	<a href="#">25</a>	4 of 4	N/141.5	65.0	Orezone Gold Corporation 290 Picton Ave Suite 201 Ottawa ON K1Z 8P8
Established:		01-JUL-87			
Plant Size (ft²):					
Employment:					
--- Details --- SIC/NAICS Code: 213119 Description: Other Support Activities for Mining					
SCT	<a href="#">26</a>	1 of 1	NW/142.9	65.5	Forbie Activewear 375 Churchill Ave N Ottawa ON K1Z 5C4
Established:		01-MAY-93			
Plant Size (ft²):					
Employment:					
--- Details --- SIC/NAICS Code: 315210 Description: Cut and Sew Clothing Contracting					
+ SIC/NAICS Code:		315229			
Description:		Other Men's and Boys' Cut and Sew Clothing Manufacturing			
+ SIC/NAICS Code:					
Description:					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>SIC/NAICS Code:</b> 315299 <b>Description:</b> All Other Cut and Sew Clothing Manufacturing + <b>SIC/NAICS Code:</b> 315210 <b>Description:</b> Cut and Sew Clothing Contracting + <b>SIC/NAICS Code:</b> 315990 <b>Description:</b> Clothing Accessories and Other Clothing Manufacturing + <b>SIC/NAICS Code:</b> 315239 <b>Description:</b> Other Women's and Girls' Cut and Sew Clothing Manufacturing					
<b>SCT</b>	<b><u>40</u></b>	<b>3 of 4</b>	<b>WNW/178.4</b>	<b>65.7</b>	<b>Imagnan Corp. 376 Churchill Ave N Suite 107 Ottawa ON K1Z 5C3</b>
<b>Established:</b> 01-JUN-95 <b>Plant Size (ft²):</b> <b>Employment:</b> --- Details --- <b>SIC/NAICS Code:</b> 418210 <b>Description:</b> Stationery and Office Supplies Wholesaler-Distributors + <b>SIC/NAICS Code:</b> 333299 <b>Description:</b> All Other Industrial Machinery Manufacturing					
<b>SCT</b>	<b><u>40</u></b>	<b>4 of 4</b>	<b>WNW/178.4</b>	<b>65.7</b>	<b>C.J.T. Surplus Equipment Ltd. 376 Churchill Ave N Suite 306 Ottawa ON K1Z 5C3</b>
<b>Established:</b> 01-DEC-70 <b>Plant Size (ft²):</b> <b>Employment:</b> --- Details --- <b>SIC/NAICS Code:</b> 419120 <b>Description:</b> Wholesale Trade Agents and Brokers + <b>SIC/NAICS Code:</b> 419120 <b>Description:</b> Wholesale Trade Agents and Brokers					
<b>SCT</b>	<b><u>46</u></b>	<b>2 of 3</b>	<b>NE/197.8</b>	<b>65.4</b>	<b>Rose Drapery Ltd. 371 Athlone Ave Ottawa ON K1Z 5M3</b>
<b>Established:</b> 1978 <b>Plant Size (ft²):</b> <b>Employment:</b> 6 --- Details --- <b>SIC/NAICS Code:</b> 314120 <b>Description:</b> Curtain and Linen Mills					
<b>SCT</b>	<b><u>46</u></b>	<b>3 of 3</b>	<b>NE/197.8</b>	<b>65.4</b>	<b>Rose Draperies Ltd. 371 Athlone Ave</b>

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Ottawa ON K1Z 5M3					
Established:		01-JUN-78			
Plant Size (ft²):		2500			
Employment:					
--- Details ---					
SIC/NAICS Code:		314120			
Description:		Curtain and Linen Mills			
SCT	<a href="#">51</a>	1 of 2	NE/207.6	65.1	Rose Drapery Ltd. 261 Richmond Rd Ottawa ON K1Z 6X1
Established:		1978			
Plant Size (ft²):					
Employment:		6			
--- Details ---					
SIC/NAICS Code:		314120			
Description:		Curtain and Linen Mills			
SPL	<a href="#">14</a>	5 of 5	SW/126.7	69.8	Enbridge Gas Distribution Inc. 412 & 414 Churchill Ave. Ottawa ON
Ref NO:		8482-84ZNTG			
Contaminant Code:		35			
Contaminant Name:		NATURAL GAS (METHANE)			
Contaminant Quantity:		40 min (duration)			
Incident Cause:		Discharge or Emission to Air			
Incident Dt:					
Incident Reason:		Equipment/Vehicles			
Incident Summary:		TSSA: Enbridge:1" plastic damage, methane to atmosphere			
MOE Reported Dt:		4/30/2010			
Environmental Impact:		Not Anticipated			
Nature of Impact:					
Receiving Medium:					
SAC Action Class:		TSSA - Fuel Safety Branch			
Sector Source Type:		Pipeline			
Site Municipality:					
SPL	<a href="#">23</a>	1 of 1	ENE/138.6	68.8	8596239 Canada Inc.<UNOFFICIAL> 400 Athlone Ave Ottawa ON
Ref NO:		7053-9DKMY8			
Contaminant Code:		15			
Contaminant Name:		HYDRAULIC OIL			
Contaminant Quantity:		0 other - see incident description			
Incident Cause:		Vandalism			
Incident Dt:		2013/11/14			
Incident Reason:		Deliberate Act			
Incident Summary:		400 Athlone Ave: excavator fire, fuel & operating fluids			
MOE Reported Dt:		2013/11/18			
Environmental Impact:		Possible			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>Nature of Impact:</b>		Soil Contamination			
<b>Receiving Medium:</b>					
<b>SAC Action Class:</b>		Land Spills			
<b>Sector Source Type:</b>		Motor Vehicle			
<b>Site Municipality:</b>		Ottawa			
<b>SPL</b>	<b><u>33</u></b>	<b>1 of 1</b>	<b>E/157.0</b>	<b>71.5</b>	<b>424 Athlone St Ottawa ON</b>
<b>Ref NO:</b>		6566-9UVP49			
<b>Contaminant Code:</b>		35			
<b>Contaminant Name:</b>		METHANE GAS, COMPRESSED (NATURAL GAS)			
<b>Contaminant Quantity:</b>		1 other - see incident description			
<b>Incident Cause:</b>		Leak/Break			
<b>Incident Dt:</b>		3/23/2015			
<b>Incident Reason:</b>		Material Failure - Poor Design/Substandard Material			
<b>Incident Summary:</b>		TSSA: line strike 424 Athlone St, made safe			
<b>MOE Reported Dt:</b>		3/23/2015			
<b>Environmental Impact:</b>					
<b>Nature of Impact:</b>		Air			
<b>Receiving Medium:</b>					
<b>SAC Action Class:</b>		Air Spills - Gases and Vapours			
<b>Sector Source Type:</b>					
<b>Site Municipality:</b>		Ottawa			
<b>SPL</b>	<b><u>37</u></b>	<b>1 of 1</b>	<b>NW/174.6</b>	<b>65.0</b>	<b>CANADIAN WASTE SERVICES 363 CHURCHILL, NORTH OF RICHMOND MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON</b>
<b>Ref NO:</b>		207678			
<b>Contaminant Code:</b>					
<b>Contaminant Name:</b>					
<b>Contaminant Quantity:</b>					
<b>Incident Cause:</b>		VALVE/FITTING LEAK OR FAILURE			
<b>Incident Dt:</b>		8/2/2001			
<b>Incident Reason:</b>		MATERIAL FAILURE			
<b>Incident Summary:</b>		CAN WASTE: TRUCK BLEW HYDRAULIC LINE, 140 L TO ROAD, C/B-CLEANING			
<b>MOE Reported Dt:</b>		8/2/2001			
<b>Environmental Impact:</b>		Not Anticipated			
<b>Nature of Impact:</b>		Other			
<b>Receiving Medium:</b>		Land, Water			
<b>SAC Action Class:</b>					
<b>Sector Source Type:</b>					
<b>Site Municipality:</b>		20107			
<b>SPL</b>	<b><u>42</u></b>	<b>1 of 1</b>	<b>NNW/188.4</b>	<b>65.0</b>	<b>UNKNOWN WINONA &amp; WHITBY ST OTTAWA CITY ON</b>
<b>Ref NO:</b>		128862			
<b>Contaminant Code:</b>					
<b>Contaminant Name:</b>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<b>Contaminant Quantity:</b> <b>Incident Cause:</b> OTHER CONTAINER LEAK <b>Incident Dt:</b> // <b>Incident Reason:</b> OTHER <b>Incident Summary:</b> UNK SOURCE-FURNACE OIL IN-FILTRATED TO STORM C- BASINS.PUMPING OUT-WORKS. <b>MOE Reported Dt:</b> 7/6/1996 <b>Environmental Impact:</b> CONFIRMED <b>Nature of Impact:</b> Water course or lake <b>Receiving Medium:</b> LAND <b>SAC Action Class:</b> <b>Sector Source Type:</b> <b>Site Municipality:</b> 20101					
<b>SPL</b>	<b><u>51</u></b>	<b>2 of 2</b>	<b>NE/207.6</b>	<b>65.1</b>	<b>ULTRAMAR</b> <b>261 RICHMOND ROAD TANK TRUCK</b> <b>(CARGO)</b> <b>OTTAWA CITY ON K1Z 6X1</b>
<b>Ref NO:</b> 138508 <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Quantity:</b> <b>Incident Cause:</b> CONTAINER OVERFLOW <b>Incident Dt:</b> 3/21/1997 <b>Incident Reason:</b> ERROR <b>Incident Summary:</b> ULTRAMAR: 45 L FUEL TO BASEMENT; FUMES AFFECTED NEIGHBOURS <b>MOE Reported Dt:</b> 3/21/1997 <b>Environmental Impact:</b> CONFIRMED <b>Nature of Impact:</b> Human health <b>Receiving Medium:</b> AIR <b>SAC Action Class:</b> <b>Sector Source Type:</b> <b>Site Municipality:</b> 20101					
<b>SPL</b>	<b><u>53</u></b>	<b>18 of 18</b>	<b>NE/211.3</b>	<b>68.0</b>	<b>SUNOCO</b> <b>256 RICHMOND ROAD TANK TRUCK</b> <b>(CARGO)</b> <b>OTTAWA CITY ON K1Z 6W9</b>
<b>Ref NO:</b> 77610 <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Quantity:</b> <b>Incident Cause:</b> PIPE/HOSE LEAK <b>Incident Dt:</b> 10/16/1992 <b>Incident Reason:</b> ERROR <b>Incident Summary:</b> SUNOCO: 5 L GASOLINE SPILLED AT SERVICE STATION <b>MOE Reported Dt:</b> 10/16/1992 <b>Environmental Impact:</b> NOT ANTICIPATED <b>Nature of Impact:</b> <b>Receiving Medium:</b> LAND <b>SAC Action Class:</b> <b>Sector Source Type:</b> <b>Site Municipality:</b> 20101					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
SPL	<a href="#">55</a>	1 of 1	NE/212.7	66.2	MOTOR VEHICLE 259 RICHMOND RD. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Z 6X1
Ref NO:		65543			
Contaminant Code:					
Contaminant Name:					
Contaminant Quantity:					
Incident Cause:		OTHER CONTAINER LEAK			
Incident Dt:		12/25/1991			
Incident Reason:		DAMAGE BY MOVING EQUIPMENT			
Incident Summary:		MOTOR VEHICLE ACCIDENT: GASOLINE LEAK TO	CATCHBASIN		
MOE Reported Dt:		12/25/1991			
Environmental Impact:		POSSIBLE			
Nature of Impact:		Surface Water Pollution			
Receiving Medium:		LAND / WATER			
SAC Action Class:					
Sector Source Type:					
Site Municipality:		20101			
SPL	<a href="#">67</a>	1 of 1	WNW/240.1	66.8	PRIVATE RESIDENCE HOUSE AT 356 WHITBY AVE FURNACE OIL TANK OTTAWA CITY ON K2A 0B5
Ref NO:		44037			
Contaminant Code:					
Contaminant Name:					
Contaminant Quantity:					
Incident Cause:		UNKNOWN			
Incident Dt:		//			
Incident Reason:		UNKNOWN			
Incident Summary:		PRIVATE RESIDENCE:UNK	QUANTITY OF FURNACE OIL	TO GROUND.	
MOE Reported Dt:		8/1/1996			
Environmental Impact:		POSSIBLE			
Nature of Impact:		Soil contamination			
Receiving Medium:		LAND			
SAC Action Class:					
Sector Source Type:					
Site Municipality:		20101			
WWIS	<a href="#">15</a>	1 of 1	W/128.4	66.4	Ottawa ON
Well ID:		7171703	Lot:		
Concession:			Concession Name:		
County:		OTTAWA-CARLETON	Municipality:		OTTAWA CITY
Easting Nad83:		440971	Northing Nad83:		5026819
Zone:		18	Utm Reliability:		margin of error : 10 - 30 m
Primary Water Use:		Monitoring and Test Hole	Construction Date:		08-SEP-11
Sec. Water Use:			Well Depth:		9.14 m
Pump Rate:			Static Water Level:		
Flow Rate:			Clear/Cloudy:		



<b>DB</b>	<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>
<b>Specific Capacity:</b>				<b>Final Well Status:</b>	Test Hole
<b>Construction Method:</b>	Air Percussion			<b>Flowing (y/n):</b>	
<b>Elevation (m):</b>				<b>Elevation Reliability:</b>	
<b>Depth to Bedrock:</b>				<b>Overburden/Bedrock:</b>	
<b>Water Type:</b>				<b>Casing Material:</b>	Not stated
<b>--- Details ---</b>					
<b>Thickness:</b>	.61 m			<b>Original Depth:</b>	.61 m
<b>Material Colour:</b>	BROWN			<b>Material:</b>	SAND, GRAVEL, SOFT
<b>+ Thickness:</b>	8.53 m			<b>Original Depth:</b>	9.14 m
<b>Material Colour:</b>	GREY			<b>Material:</b>	LIMESTONE, DRY, HARD

<b>WWIS</b>	<b>44</b>	<b>1 of 1</b>	<b>NE/195.1</b>	<b>66.0</b>	<b>Ottawa ON</b>
<b>Well ID:</b>	7136557			<b>Lot:</b>	
<b>Concession:</b>				<b>Concession Name:</b>	
<b>County:</b>	OTTAWA-CARLETON			<b>Municipality:</b>	OTTAWA CITY
<b>Easting Nad83:</b>	441229			<b>Northing Nad83:</b>	5026953
<b>Zone:</b>	18			<b>Utm Reliability:</b>	margin of error : 30 m - 100 m
<b>Primary Water Use:</b>	Monitoring			<b>Construction Date:</b>	05-NOV-09
<b>Sec. Water Use:</b>				<b>Well Depth:</b>	ft
<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>	Air Percussion			<b>Flowing (y/n):</b>	
<b>Elevation (m):</b>	65.92			<b>Elevation Reliability:</b>	
<b>Depth to Bedrock:</b>				<b>Overburden/Bedrock:</b>	
<b>Water Type:</b>				<b>Casing Material:</b>	Not stated
<b>--- Details ---</b>					
<b>Thickness:</b>	ft			<b>Original Depth:</b>	ft
<b>Material Colour:</b>				<b>Material:</b>	

<b>WWIS</b>	<b>48</b>	<b>1 of 1</b>	<b>NNE/199.0</b>	<b>64.0</b>	<b>ON</b>
<b>Well ID:</b>	1532963			<b>Lot:</b>	
<b>Concession:</b>				<b>Concession Name:</b>	
<b>County:</b>	OTTAWA-CARLETON			<b>Municipality:</b>	OTTAWA CITY
<b>Easting Nad83:</b>	441163.3			<b>Northing Nad83:</b>	5026996
<b>Zone:</b>	18			<b>Utm Reliability:</b>	margin of error : 100 m - 300 m
<b>Primary Water Use:</b>	Domestic			<b>Construction Date:</b>	21-JUN-02
<b>Sec. Water Use:</b>				<b>Well Depth:</b>	51 ft
<b>Pump Rate:</b>	1 GPM			<b>Static Water Level:</b>	13 ft
<b>Flow Rate:</b>				<b>Clear/Cloudy:</b>	CLOUDY
<b>Specific Capacity:</b>				<b>Final Well Status:</b>	Water Supply
<b>Construction Method:</b>	Air Percussion			<b>Flowing (y/n):</b>	N
<b>Elevation (m):</b>	64.36			<b>Elevation</b>	

<b>DB</b>	<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>
<b>Depth to Bedrock:</b>	4			<b>Reliability:</b>	
<b>Water Type:</b>				<b>Overburden/Bedrock:</b>	Bedrock
				<b>Casing Material:</b>	FRESH, MINERIAL
<b>--- Details ---</b>					
<b>Thickness:</b>	4 ft			<b>Original Depth:</b>	4 ft
<b>Material Colour:</b>				<b>Material:</b>	SAND, GRAVEL
<b>+</b>					
<b>Thickness:</b>	47 ft			<b>Original Depth:</b>	51 ft
<b>Material Colour:</b>	GREY			<b>Material:</b>	LIMESTONE

<b>WWIS</b>	<b>62</b>	<b>1 of 1</b>	<b>NE/228.0</b>	<b>66.0</b>	<b>Ottawa ON</b>
<b>Well ID:</b>	7115803			<b>Lot:</b>	
<b>Concession:</b>				<b>Concession Name:</b>	
<b>County:</b>	OTTAWA-CARLETON			<b>Municipality:</b>	OTTAWA CITY
<b>Easting Nad83:</b>	441257			<b>Northing Nad83:</b>	5026972
<b>Zone:</b>	18			<b>Utm Reliability:</b>	margin of error : 10 - 30 m
<b>Primary Water Use:</b>	Monitoring			<b>Construction Date:</b>	17-OCT-08
<b>Sec. Water Use:</b>				<b>Well Depth:</b>	7.5 m
<b>Pump Rate:</b>				<b>Static Water Level:</b>	6.7 m
<b>Flow Rate:</b>				<b>Clear/Cloudy:</b>	
<b>Specific Capacity:</b>				<b>Final Well Status:</b>	Test Hole
<b>Construction Method:</b>	Diamond			<b>Flowing (y/n):</b>	
<b>Elevation (m):</b>	66			<b>Elevation</b>	
<b>Depth to Bedrock:</b>				<b>Reliability:</b>	
<b>Water Type:</b>				<b>Overburden/Bedrock:</b>	
<b>+</b>				<b>Casing Material:</b>	
<b>Thickness:</b>	3 m			<b>Original Depth:</b>	7.5 m
<b>Material Colour:</b>	GREY			<b>Material:</b>	ROCK, LIMESTONE
<b>--- Details ---</b>					
<b>Thickness:</b>	2.3 m			<b>Original Depth:</b>	2.3 m
<b>Material Colour:</b>	BROWN			<b>Material:</b>	FILL, SAND, GRAVEL
<b>+</b>					
<b>Thickness:</b>	2.2 m			<b>Original Depth:</b>	4.5 m
<b>Material Colour:</b>	BROWN			<b>Material:</b>	FILL, BOULDERS

<b>WWIS</b>	<b>69</b>	<b>1 of 1</b>	<b>NE/244.4</b>	<b>68.0</b>	<b>Ottawa ON</b>
<b>Well ID:</b>	7136558			<b>Lot:</b>	
<b>Concession:</b>				<b>Concession Name:</b>	
<b>County:</b>	OTTAWA-CARLETON			<b>Municipality:</b>	OTTAWA CITY
<b>Easting Nad83:</b>	441301			<b>Northing Nad83:</b>	5026945
<b>Zone:</b>	18			<b>Utm Reliability:</b>	margin of error : 30 m - 100 m
<b>Primary Water Use:</b>	Monitoring			<b>Construction Date:</b>	05-NOV-09
<b>Sec. Water Use:</b>				<b>Well Depth:</b>	ft
<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</b>	Air Percussion			<b>Flowing (y/n):</b>	

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<hr/>					
<b>Method:</b>				<b>Elevation</b>	
<b>Elevation (m):</b>	68.1			<b>Reliability:</b>	
<b>Depth to Bedrock:</b>				<b>Overburden/Bedrock:</b>	
<b>Water Type:</b>				<b>Casing Material:</b>	Not stated
<b>--- Details ---</b>					
<b>Thickness:</b>	ft			<b>Original Depth:</b>	ft
<b>Material Colour:</b>				<b>Material:</b>	

# Unplottable Summary

Total: **44** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Tweedsmuir Avenue	Ottawa ON	
CA	Ottawa-Carleton District School Board	Part of Lot 10, Concession 8, Geographic Township of Cumberland	Ottawa ON	
CA	CITY	BYRON AVE.	OTTAWA ON	
CA	OTTAWA CITY	BYRON AVENUE	OTTAWA CITY ON	
CA	Bourke Family Development Inc.	Byron Ave Registered Plan No. 204	Ottawa ON	
CA	OTTAWA CITY	CHURCHILL AVE.	OTTAWA CITY ON	
CA	City of Ottawa	Madison Avenue Madison Avenue (Churchill Avenue to Winston Avenue)	Ottawa ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA		Richmond Road	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	4461916 Canada Corp.	Wesley St. R.O.W. east of Bevan Ave.	Ottawa ON	
CA	Larco Land Corporation	Part of Lot 32, Concession 1, Ottawa Front	Ottawa ON	
CA	Ottawa-Carleton District School Board		Ottawa ON	

CA	NON PROFIT HOUSING CORPORATION	PRIVATE (ON SITE) RICHMOND ST.	OTTAWA CITY ON
CA	Ottawa-Carleton District School Board	Part of Lot 10, Concession 8, Geographic Township of Cumberland	Ottawa ON
CONV	CANADIAN WASTE SERVICES INC.		ON
CONV	CANADIAN WASTE SERVICES INC.		ON
CONV	CANADIAN WASTE SERVICES INC.		ON
CONV	CANADIAN WASTE SERVICE INC.		ON
CONV	CANADIAN WASTE SERVICES INC.		ON
CONV	CANADIAN WASTE SERVICES INC.		ON
ECA	Air Rock Drilling Co. Ltd.	Multiple Sites in Ontario Richmond	Ottawa ON
ECA	Ashcroft Homes - 108 Richmond Road Inc.	Richmond Road Lots 32 and 33, Concession 1	Ottawa ON
ECA	Ultramar Ltd.	Part 1, Reference Plan 4R-23561	Ottawa ON
GEN	Ottawa Greenbelt Construction Company Limited	Churchill Ave Reconstruction - Carling to Byron	Ottawa ON
NATE	ULTRAMAR		OTTAWA ON
NATE	SUNOCO		OTTAWA ON
NEES	ULTRAMAR		OTTAWA ON
NEES	SUNOCO		OTTAWA ON
RST	ULTRAMAR LTÉE	OTTAWA	OTTAWA ON
SPL	City of Ottawa	Richmond Rd. at Lovitt Westbound<UNOFFICIAL>	Ottawa ON
SPL	Hydro-Ottawa	Richmond	Ottawa ON
SPL		Richmond	Ottawa ON
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON

SPL	CONSTRUCTION COMPANY	DSB ASSOCIATES, RICHMOND MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
WWIS		lot 31	ON
WWIS			ON
WWIS		lot 31	ON
WWIS		lot 32	ON
WWIS		lot 32	ON

# Unplottable Report

---

Database: CA

Site:

*Tweedsmuir Avenue Ottawa ON*

**Certificate #:** 2750-4XTGXB  
**Application Year:** 01  
**Issue Date:** 6/20/01  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Corporation of the City of Ottawa  
**Client Address:** 111 Sussex Drive, 7th Floor  
**Client City:** Ottawa  
**Client Postal Code:** K1N 5A1  
**Project Description:** This application is for the construction of watermain and appurtenances on Tweedsmuir Avenue.  
**Contaminants:**  
**Emission Control:**

---

Database: CA

Site:

*Ottawa-Carleton District School Board  
Part of Lot 10, Concession 8, Geographic Township of Cumberland Ottawa  
ON*

**Certificate #:** 2170-6ARMNA  
**Application Year:** 2005  
**Issue Date:** 3/31/2005  
**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:**

---

Database: CA

Site:

*CITY  
BYRON AVE. OTTAWA ON*

**Certificate #:** 3-0302-85-006  
**Application Year:** 85  
**Issue Date:** 4/22/85  
**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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**Database:** CA **Site:** OTTAWA CITY  
BYRON AVENUE OTTAWA CITY ON

**Certificate #:** 3-1320-88-  
**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:**

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**Database:** CA **Site:** Bourke Family Development Inc.  
Byron Ave Registered Plan No. 204 Ottawa ON

**Certificate #:** 3911-7BKMY9  
**Application Year:** 2008  
**Issue Date:** 2/7/2008  
**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:**

---

**Database:** CA **Site:** OTTAWA CITY  
CHURCHILL AVE. OTTAWA CITY ON

**Certificate #:** 3-1441-92-  
**Application Year:** 92  
**Issue Date:** 10/29/1992  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**

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**Emission Control:**

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**Database:** CA **Site:** City of Ottawa  
Madison Avenue Madison Avenue (Churchill Avenue to Winston Avenue)  
Ottawa ON

**Certificate #:** 5586-8LWQCS  
**Application Year:** 2011  
**Issue Date:** 9/23/2011  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Database:** CA **Site:** NON-PROFIT HOUSING CORPORATION  
RICHMOND RD.NON-PROFIT HOUSING OTTAWA CITY ON

**Certificate #:** 7-0925-87-  
**Application Year:** 87  
**Issue Date:** 7/7/1987  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Database:** CA **Site:** OTTAWA CITY  
RICHMOND ROAD OTTAWA CITY ON

**Certificate #:** 3-0159-96-  
**Application Year:** 96  
**Issue Date:** 4/1/1996  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Database:** CA

**Site:** OTTAWA CITY  
RICHMOND ROAD OTTAWA CITY ON

**Certificate #:** 3-1088-90-  
**Application Year:** 90  
**Issue Date:** 6/26/1990  
**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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**Database:** CA

**Site:** Richmond Road Ottawa ON

**Certificate #:** 7965-5ERRRZ  
**Application Year:** 02  
**Issue Date:** 10/11/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** City of Ottawa  
**Client Address:** 110 Laurier Avenue West  
**Client City:** Ottawa  
**Client Postal Code:** K1P 1J1  
**Project Description:** This application is for the construction of storm and sanitary sewers and appurtenances on Richmond Road  
**Contaminants:**  
**Emission Control:**

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**Database:** CA

**Site:** City of Ottawa  
Richmond Road Ottawa ON

**Certificate #:** 1424-6CXJGA  
**Application Year:** 2005  
**Issue Date:** 6/3/2005  
**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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**Database:** CA **Site:** City of Ottawa  
Richmond Road Ottawa ON

**Certificate #:** 7893-5NLQJH  
**Application Year:** 2003  
**Issue Date:** 6/18/2003  
**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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**Database:** CA **Site:** City of Ottawa  
Richmond Road Ottawa ON

**Certificate #:** 6859-5X8K46  
**Application Year:** 2004  
**Issue Date:** 3/23/2004  
**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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**Database:** CA **Site:** 4461916 Canada Corp.  
Wesley St. R.O.W. east of Bevan Ave. Ottawa ON

**Certificate #:** 4132-8J8LLW  
**Application Year:** 2011  
**Issue Date:** 6/30/2011  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Database:** CA **Site:** Larco Land Corporation

**Part of Lot 32, Concession 1, Ottawa Front Ottawa ON**

**Certificate #:** 6996-5F5HDF  
**Application Year:** 2002  
**Issue Date:** 10/22/2002  
**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:**

---

**Database:** CA **Site:** Ottawa-Carleton District School Board  
Ottawa ON

**Certificate #:** 3668-7ZNLYJ  
**Application Year:** 2010  
**Issue Date:** 2/11/2010  
**Approval Type:** Air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Database:** CA **Site:** NON PROFIT HOUSING CORPORATION  
PRIVATE (ON SITE) RICHMOND ST. OTTAWA CITY ON

**Certificate #:** 3-1118-87-  
**Application Year:** 87  
**Issue Date:** 7/7/1987  
**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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**Database:** CA **Site:** Ottawa-Carleton District School Board  
Part of Lot 10, Concession 8, Geographic Township of Cumberland Ottawa  
ON

**Certificate #:** 5281-6RNKKS  
**Application Year:** 2006  
**Issue Date:** 11/16/2006  
**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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**Database:** CONV **Site:** CANADIAN WASTE SERVICES INC.  
ON

**File No.:**  
**Crown Brief No.:** 99-0165-0243  
**Ministry District:** KINGSTON  
**Region:** EASTERN REGION  
**Description:** OPERATE A HEAVY DIESEL-FUELLED MOTOR VEHICLE THAT CONTRAVENES THE EMISSION STANDARDS.

--- Details ---

**Date Charged:** 4/30/00  
**Fine:** \$325.00  
**Act/Regulation/Section:** EPA-361/98-12(5)  
**Charge Disposition:** SUSPENDED SENTENCE

---

**Database:** CONV **Site:** CANADIAN WASTE SERVICES INC.  
ON

**File No.:**  
**Crown Brief No.:** 99-0136-0187  
**Ministry District:** KINGSTON  
**Region:** EASTERN REGION  
**Description:** OPERATE A HEAVY DIESEL-FUELLED MOTOR VEHICLE THAT CONTRAVENES THE EMISSION STANDARDS.

--- Details ---

**Date Charged:** 10/18/00  
**Fine:** \$425.00  
**Act/Regulation/Section:** EPA-361/98-12(5)  
**Charge Disposition:** SUSPENDED SENTENCE

---

**Database:** CONV **Site:** CANADIAN WASTE SERVICES INC.  
ON

**File No.:**  
**Crown Brief No.:** 99-0086-0115  
**Ministry District:** KINGSTON  
**Region:** EASTERN REGION  
**Description:** FAILED TO PROVIDE CERTAIN DOCUMENT WITH EACH VEHICLE CONTRAVENING A PROVISIONAL CERTIFICATE OF APPROVAL.

--- Details ---

**Date Charged:** 3/15/00  
**Fine:** \$305.00  
**Act/Regulation/Section:** EPA- -186(3)  
**Charge Disposition:** SUSPENDED SENTENCE

---

**Database:** CONV **Site:** CANADIAN WASTE SERVICE INC.  
ON

**File No.:**  
**Crown Brief No.:** 98-0000-9004  
**Ministry District:**  
**Region:** EASTERN REGION  
**Description:** THIS IS THE EASTERN BRIEF FOR ALL P.O.A. TICKETS

--- Details ---

**Date Charged:** 12/19/00  
**Fine:** \$305.00  
**Act/Regulation/Section:** EPA- -186 (3)  
**Charge Disposition:** SUSPENDED SENTENCE

---

**Database:** CONV **Site:** CANADIAN WASTE SERVICES INC.  
ON

**File No.:**  
**Crown Brief No.:** 99-0188-0235  
**Ministry District:** KINGSTON  
**Region:** EASTERN REGION  
**Description:** TRANSPORTING LEACHATE WASTE FROM AN APPROVED WASTE DISPOSAL SITE WITHOUT THE GENERATOR, CARRIER AND/OR RECEIVER COMPLETING A MANIFEST.

--- Details ---

**Date Charged:** 7/19/01  
**Fine:** \$17,000.00  
**Act/Regulation/Section:** EPA-347-19(1) (A)  
**Charge Disposition:** SUSPENDED SENTENCE

---

**Database:** CONV **Site:** CANADIAN WASTE SERVICES INC.  
ON

**File No.:**  
**Crown Brief No.:** 99-0164-0282  
**Ministry District:** KINGSTON  
**Region:** EASTERN REGION  
**Description:** OPERATE A HEAVY DIESEL-FUELLED MOTOR VEHICLE THAT CONTRAVENES THE EMISSION STANDARDS.

--- Details ---

**Date Charged:** 1/27/00  
**Fine:** \$425.00  
**Act/Regulation/Section:** EPA-361/98-12(5)  
**Charge Disposition:** SUSPENDED SENTENCE

---

**Database:** ECA **Site:** Air Rock Drilling Co. Ltd.



**Multiple Sites in Ontario Richmond Ottawa ON**

**CofA Number:** 5645-8XTKGR  
**Date:** 9/5/2012  
**Status:** Approved  
**Project Type:** Air/Noise

---

**Database:** **ECA**                      **Site:** **Ashcroft Homes - 108 Richmond Road Inc.**  
**Richmond Road Lots 32 and 33, Concession 1 Ottawa ON**

**CofA Number:** 7171-9AYQGT  
**Date:** 30-AUG-13  
**Status:** Approved  
**Project Type:** Municipal and Private Sewage

---

**Database:** **ECA**                      **Site:** **Ultramar Ltd.**  
**Part 1, Reference Plan 4R-23561 Ottawa ON**

**CofA Number:** 1928-8W2Q6W  
**Date:** 7/10/2012  
**Status:** Approved  
**Project Type:** Industrial Sewage

---

**Database:** **GEN**                      **Site:** **Ottawa Greenbelt Construction Company Limited**  
**Churchill Ave Reconstruction - Carling to Byron Ottawa ON**

**Generator #:** ON4886021  
**Approval Yrs:** 2013  
**SIC Code:** 237110  
**SIC Description:** WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION

**--- Details ---**

**Waste Code:** 251  
**Waste Description:** OIL SKIMMINGS & SLUDGES

---

**Database:** **NATE**                      **Site:** **ULTRAMAR**  
**OTTAWA ON**

**File No.:** 44622O  
**Spill Date:** 871020  
**Lead Agency:**  
**DOE on Scene:**  
**Reported By:** Province  
**Material Reaction:**  
**Basin:** St. Lawrence River Drainage  
**Air:**  
**Land:** Y  
**Fresh Water:**  
**Ground Water:**  
**Salt Water:**  
**Other Environment:**  
**Waterbody:**

---

**Cause:** Overflow  
**Reason:** Unknown  
**Source:** Other Industrial Plant  
**Sector:** General Manufacturing  
**Ship No.:**  
**Ship Name:**  
**Clean Up By:** polluter  
**Disposal Method:** other  
**Recovery %:** 80.00  
**Act Invoked:** None  
**Enforcement Resp:**  
**Fish Kill:** N  
**Oiled Birds:** N  
**Other Kill:** N  
**Vegetation Damage:** N  
**Property Damage:** N  
**Drinking Water:** N  
**Income Loss:** N  
**Other Consequences:** N  
**No. of Injuries:**  
**No. of Evacuations:**  
**Fine:** 0.00  
**No. of Dead:**  
**Cleanup Cost:** 0.00  
**Material:** fuel oil no. 2  
**Amount (ton):** 0.19  
**Volume (L):** 0.00  
**Concentration:** 0.00  
**Phase:**  
**Additional Info:**

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**Database:** **NATE**      **Site:** **SUNOCO**  
**OTTAWA ON**

**File No.:** MOE83226  
**Spill Date:** 830428  
**Lead Agency:**  
**DOE on Scene:**  
**Reported By:** Province  
**Material Reaction:**  
**Basin:** St. Lawrence River Drainage  
**Air:**  
**Land:**  
**Fresh Water:**  
**Ground Water:**  
**Salt Water:**  
**Other Environment:**  
**Waterbody:** GREEN CREEK  
**Cause:** Pipe Leak  
**Reason:** Equipment Failure  
**Source:** Service Station  
**Sector:** Petroleum  
**Ship No.:**  
**Ship Name:**  
**Clean Up By:** none  
**Disposal Method:** none  
**Recovery %:** 0.00  
**Act Invoked:** None  
**Enforcement Resp:**

**Fish Kill:** N  
**Oiled Birds:** N  
**Other Kill:** N  
**Vegetation Damage:** N  
**Property Damage:** N  
**Drinking Water:** N  
**Income Loss:** N  
**Other Consequences:** N  
**No. of Injuries:**  
**No. of Evacuations:**  
**Fine:** 0.00  
**No. of Dead:**  
**Cleanup Cost:**  
**Material:** fuel oil no. 2  
**Amount (ton):** 0.40  
**Volume (L):**  
**Concentration:**  
**Phase:**  
**Additional Info:**

---

**Database:** **NEES**                      **Site:** **ULTRAMAR**  
**OTTAWA ON**

**Incident Date:** 10/20/87  
**Contaminant:** fuel oil no. 2  
**Amount:** 0.19  
**Units:** Tonnes (Metric)  
**Quantity:**  
**Cause:** Overflow  
**Source:** Other Industrial Plant  
**Reason:** Unknown  
**Sector:** General Manufacturing

---

**Database:** **NEES**                      **Site:** **SUNOCO**  
**OTTAWA ON**

**Incident Date:** 4/28/83  
**Contaminant:** fuel oil no. 2  
**Amount:** 0.4  
**Units:** Tonnes (Metric)  
**Quantity:**  
**Cause:** Pipe Leak  
**Source:** Service Station  
**Reason:** Equipment Failure  
**Sector:** Petroleum

---

**Database:** **RST**                      **Site:** **ULTRAMAR LTÉE**  
**OTTAWA OTTAWA ON**

**Facility:** Oils-Fuel  
**Description:**

**Database:** [SPL](#) **Site:** *City of Ottawa  
Richmond Rd. at Lovitt Westbound<UNOFFICIAL> Ottawa ON*

**Ref NO:** 3557-6HLVQ9  
**Contaminant Code:**  
**Contaminant Name:** Engine Coolant  
**Contaminant Quantity:**  
**Incident Cause:** Valve / Fitting Leak Or Failure  
**Incident Dt:** 10/28/2005  
**Incident Reason:** Equipment/Vehicles  
**Incident Summary:** OC transit - spill 2L of engine coolant to C/B  
**MOE Reported Dt:** 10/28/2005  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:**  
**Receiving Medium:** Water  
**SAC Action Class:** Land Spills  
**Sector Source Type:** Other  
**Site Municipality:** Ottawa

---

**Database:** [SPL](#) **Site:** *Hydro-Ottawa  
Richmond Ottawa ON*

**Ref NO:** 3852-5V7S7N  
**Contaminant Code:** 13  
**Contaminant Name:** MINERAL OIL  
**Contaminant Quantity:** 100 L  
**Incident Cause:** Cooling System Leak  
**Incident Dt:** 11/6/2003  
**Incident Reason:** Unknown - Reason not determined  
**Incident Summary:** Hydro Ottawa - non PCB- 100 L Xformer oil  
**MOE Reported Dt:** 1/14/2004  
**Environmental Impact:** Confirmed  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**SAC Action Class:** Spill to Land  
**Sector Source Type:** Transformer  
**Site Municipality:** Ottawa

---

**Database:** [SPL](#) **Site:** *Richmond Ottawa ON*

**Ref NO:** 6637-67GQEZ  
**Contaminant Code:** 13  
**Contaminant Name:** FURNACE OIL  
**Contaminant Quantity:**  
**Incident Cause:**  
**Incident Dt:** 8/6/2004  
**Incident Reason:**  
**Incident Summary:** 6570 Franktown Rd - furnace oil spill  
**MOE Reported Dt:** 12/8/2004  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**SAC Action Class:** Notification  
**Sector Source Type:**

Site Municipality: Ottawa

---

Database: **SPL** Site: **TEXACO**  
**RICHMOND RD. SERVICE STATION OTTAWA CITY ON**

Ref NO: 14431  
Contaminant Code:  
Contaminant Name:  
Contaminant Quantity:  
Incident Cause: OTHER CAUSE (N.O.S.)  
Incident Dt: 2/2/1989  
Incident Reason: ERROR  
Incident Summary:  
MOE Reported Dt: 2/2/1989  
Environmental Impact: NOT ANTICIPATED  
Nature of Impact:  
Receiving Medium: LAND  
SAC Action Class:  
Sector Source Type:  
Site Municipality: 20101

---

Database: **SPL** Site: **CONSTRUCTION COMPANY**  
**DSB ASSOCIATES, RICHMOND MOTOR VEHICLE (OPERATING FLUID)**  
**OTTAWA CITY ON**

Ref NO: 217920  
Contaminant Code:  
Contaminant Name:  
Contaminant Quantity:  
Incident Cause: OTHER CAUSE (N.O.S.)  
Incident Dt: 12/7/2001  
Incident Reason: VANDALISM  
Incident Summary: CONSTRUCTION MACHINERY - < 50 L DIESEL FUEL TO GROUND DUE TO FIRE.  
MOE Reported Dt: 12/10/2001  
Environmental Impact: Possible  
Nature of Impact: Soil contamination  
Receiving Medium: Land  
SAC Action Class:  
Sector Source Type:  
Site Municipality: 20107

---

Database: **WWIS** Site: **lot 31 ON**

Well ID:	1534734	Lot:	031
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	OTTAWA CITY
Easting Nad83:		Northing Nad83:	
Zone:	18	Utm Reliability:	unknown UTM
Primary Water Use:	Not Used	Construction Date:	31-MAY-04
Sec. Water Use:		Well Depth:	40 ft
Pump Rate:		Static Water Level:	8 ft
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	Not A Well

<b>Construction Method:</b>	Other Method	<b>Flowing (y/n):</b>	N
<b>Elevation (m):</b>		<b>Elevation Reliability:</b>	
<b>Depth to Bedrock:</b>		<b>Overburden/Bedrock:</b>	Overburden
<b>Water Type:</b>		<b>Casing Material:</b>	
<b>--- Details ---</b>			
<b>Thickness:</b>	40 ft	<b>Original Depth:</b>	40 ft
<b>Material Colour:</b>		<b>Material:</b>	PREV. DRILLED

**Database:** [WWIS](#) **Site:** **ON**

<b>Well ID:</b>	7106417	<b>Lot:</b>	
<b>Concession:</b>		<b>Concession Name:</b>	
<b>County:</b>	OTTAWA-CARLETON	<b>Municipality:</b>	OTTAWA CITY
<b>Easting Nad83:</b>	436864	<b>Northing Nad83:</b>	5021698
<b>Zone:</b>	18	<b>Utm Reliability:</b>	margin of error : 10 - 30 m
<b>Primary Water Use:</b>		<b>Construction Date:</b>	15-APR-08
<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>	Abandoned-Other
<b>Construction Method:</b>		<b>Flowing (y/n):</b>	
<b>Elevation (m):</b>	68.7	<b>Elevation Reliability:</b>	
<b>Depth to Bedrock:</b>		<b>Overburden/Bedrock:</b>	
<b>Water Type:</b>		<b>Casing Material:</b>	

**Database:** [WWIS](#) **Site:** **lot 31 ON**

<b>Well ID:</b>	1528149	<b>Lot:</b>	031
<b>Concession:</b>		<b>Concession Name:</b>	
<b>County:</b>	OTTAWA-CARLETON	<b>Municipality:</b>	OTTAWA CITY
<b>Easting Nad83:</b>		<b>Northing Nad83:</b>	
<b>Zone:</b>	18	<b>Utm Reliability:</b>	unknown UTM
<b>Primary Water Use:</b>	Not Used	<b>Construction Date:</b>	27-JUL-94
<b>Sec. Water Use:</b>		<b>Well Depth:</b>	20 ft
<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>	Boring	<b>Flowing (y/n):</b>	
<b>Elevation (m):</b>		<b>Elevation Reliability:</b>	
<b>Depth to Bedrock:</b>		<b>Overburden/Bedrock:</b>	Unknown type above a bedrock layer
<b>Water Type:</b>		<b>Casing Material:</b>	Not stated

<b>--- Details ---</b>			
<b>Thickness:</b>	2 ft	<b>Original Depth:</b>	2 ft
<b>Material Colour:</b>	BLACK	<b>Material:</b>	UNKNOWN TYPE
<b>+</b>			
<b>Thickness:</b>	0 ft	<b>Original Depth:</b>	2 ft
<b>Material Colour:</b>	GREY	<b>Material:</b>	GRANITE

+	<b>Thickness:</b>	1 ft	<b>Original Depth:</b>	3 ft
	<b>Material Colour:</b>	BROWN	<b>Material:</b>	CLAY, GRAVEL
+	<b>Thickness:</b>	1 ft	<b>Original Depth:</b>	4 ft
	<b>Material Colour:</b>	BROWN	<b>Material:</b>	FINE SAND, GRAVEL
+	<b>Thickness:</b>	16 ft	<b>Original Depth:</b>	20 ft
	<b>Material Colour:</b>	GREY	<b>Material:</b>	CLAY, LAYERED

**Database:** [WWIS](#)

**Site:**

lot 32 ON

**Well ID:** 1536399  
**Concession:**  
**County:** OTTAWA-CARLETON  
**Easting Nad83:**  
**Zone:**  
**Primary Water Use:**  
**Sec. Water Use:**  
**Pump Rate:**  
**Flow Rate:**  
**Specific Capacity:**  
**Construction Method:**  
**Elevation (m):**  
**Depth to Bedrock:**

**Lot:** 032  
**Concession Name:**  
**Municipality:**  
**Northing Nad83:**  
**Utm Reliability:** unknown UTM  
**Construction Date:** 06-MAY-06  
**Well Depth:** 4.87 m  
**Static Water Level:**  
**Clear/Cloudy:**  
**Final Well Status:** Abandoned-Other  
**Flowing (y/n):**  
**Elevation Reliability:**  
**Overburden/Bedrock:** Unknown type in the lower layers(s)  
**k:**  
**Casing Material:**

**Water Type:**

--- Details ---

**Thickness:** .77 m  
**Material Colour:** GREY  
 +  
**Thickness:** 4.1 m  
**Material Colour:**

**Original Depth:** .77 m  
**Material:** CLAY, SILTY  
**Original Depth:** 4.87 m  
**Material:**

**Database:** [WWIS](#)

**Site:**

lot 32 ON

**Well ID:** 1531568  
**Concession:**  
**County:** OTTAWA-CARLETON  
**Easting Nad83:**  
**Zone:** 18  
**Primary Water Use:**  
**Sec. Water Use:**  
**Pump Rate:** 10 GPM  
**Flow Rate:**  
**Specific Capacity:**  
**Construction Method:** Rotary (Air)  
**Elevation (m):**  
**Depth to Bedrock:** 16

**Lot:** 032  
**Concession Name:**  
**Municipality:** OTTAWA CITY  
**Northing Nad83:**  
**Utm Reliability:** unknown UTM  
**Construction Date:** 06-NOV-00  
**Well Depth:** 23 ft  
**Static Water Level:** 10 ft  
**Clear/Cloudy:** CLOUDY  
**Final Well Status:** Dewatering  
**Flowing (y/n):** N  
**Elevation Reliability:**  
**Overburden/Bedrock:** Bedrock  
**k:**  
**Casing Material:** FRESH, MINERAL

**Water Type:** FRESH

--- Details ---



**Thickness:** 3 ft  
**Material Colour:** BROWN

+

**Thickness:** 9 ft  
**Material Colour:** BROWN

+

**Thickness:** 4 ft  
**Material Colour:** BROWN

+

**Thickness:** 7 ft  
**Material Colour:** GREY

**Original Depth:** 3 ft  
**Material:** GRAVEL, SAND, FILL

**Original Depth:** 12 ft  
**Material:** BOULDERS, GRAVEL, SAND

**Original Depth:** 16 ft  
**Material:** SAND, GRAVEL, TILL

**Original Depth:** 23 ft  
**Material:** LIMESTONE, FRACTURED

## Appendix: Database Descriptions

*EcoLog Environmental Risk Information Services Ltd (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 all 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-Jan 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 all 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-Nov 2015*

**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: Oct 31 2011-Oct 2015*

**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-Nov 2015*

**Environmental Compliance Approval:**Provincial [ECA](#)

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

*Government Publication Date: Oct 31, 2011-Jun 2015*

**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 EIIS

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

*Government Publication Date: 1992-2001\**

**Emergency Management Historical Event:**

Provincial EMHE

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 all 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 all 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*

**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 all 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: 1994-2012***National Defence & Canadian Forces Fuel Tanks:**Federal [NDFT](#)

The Department of National Defence 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 Defence & Canadian Forces Spills:**

Federal

NDSP

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

*Government Publication Date: 1988-2008\**

**National Pollutant Release Inventory:**

Federal

NPRI

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

*Government Publication Date: 1993-2013*

**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: 1800-2013*

**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-Nov 2015*

**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 all 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: June 2009-2014*

**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-Nov 2015*

**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-Nov 2015*

**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: 1990-2011*

**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 2014*

**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: 1970-Jun 2015*

**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 were included as reference.

### City Directory Information Source

Vernon's Ottawa, ON City Directory

<b>PROJECT NUMBER:</b> 20160202061	
<b>Site Address:</b>	404 Eden Avenue, Ottawa, Ontario
<b>Year:</b> 2011	
<b>Site Listing:</b>	-Res (1 tenant)
<b>Adjacent Properties:</b>	
<b>413 Churchill Avenue</b>	-Acct. Office -Kelly Mortgage Svcs. -Nation Drywall Contractors -Falcon Crest Homes
<b>277 Richmond Road</b>	-Tattoo Removal -Beauty Salon
<b>298 Richmond Road</b>	-BF Vacuum Cleaner Ctr.

	-Optometric Ctr.
<b>300 Richmond Road</b>	-Address Not Listed
<b>310 Richmond Road</b>	-Address Not Listed
<b>312 Richmond Road</b>	-Address Not Listed
<b>314 Richmond Road</b>	-Truffle Treasures
<b>319 Richmond Road</b>	-Avenues Garage -Sunys Energy
<b>408 Richmond Road</b>	-Address Not Listed
<b>456 Richmond Road</b>	-Address Not Listed

<b>PROJECT NUMBER:</b> 20160202061	
<b>Site Address:</b>	404 Eden Avenue, Ottawa, Ontario
<b>Year:</b> 2005/06	
<b>Site Listing:</b>	-Res (1 tenant)
<b>Adjacent Properties:</b>	
<b>413 Churchill Avenue</b>	-Paterson & Co.



	-Kelly Mortgage Svcs. -Nation Drywall Contractors -Falcon Crest Homes
<b>277 Richmond Road</b>	-Beauty Salon
<b>298 Richmond Road</b>	-BF Vacuum Cleaner Ctr.
<b>300 Richmond Road</b>	-G Cars Inc.
<b>310 Richmond Road</b>	-Address Not Listed
<b>312 Richmond Road</b>	-Caspian Convenience
<b>314 Richmond Road</b>	-Forbie Activewear
<b>319 Richmond Road</b>	-Avenues Garage -Sunys Energy
<b>408 Richmond Road</b>	-Address Not Listed
<b>456 Richmond Road</b>	-Address Not Listed

<b>PROJECT NUMBER:</b> 20160202061	
<b>Site Address:</b>	404 Eden Avenue, Ottawa, Ontario
<b>Year:</b> 2001/02	

<b>Site Listing:</b>	-Res (1 tenant)
<b>Adjacent Properties:</b>	
<b>413 Churchill Avenue</b>	-Paterson & Co. -Kelly Mortgage Svcs. -Nation Drywall Contractors -Falcon Crest Homes
<b>277 Richmond Road</b>	-Beauty Salon
<b>298 Richmond Road</b>	-BF Vacuum Cleaner Ctr.
<b>300 Richmond Road</b>	-G Cars Inc.
<b>310 Richmond Road</b>	-Address Not Listed
<b>312 Richmond Road</b>	-Caspian Convenience
<b>314 Richmond Road</b>	-Forbie Activewear
<b>319 Richmond Road</b>	-Avenues Garage -Sunys Energy
<b>408 Richmond Road</b>	-Address Not Listed

<b>456 Richmond Road</b>	-Address Not Listed
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<b>PROJECT NUMBER:</b> 20160202061	
<b>Site Address:</b>	404 Eden Avenue, Ottawa, Ontario
<b>Year:</b> 1995/96	
<b>Site Listing:</b>	-Res (1 tenant)
<b>Adjacent Properties:</b>	
<b>413 Churchill Avenue</b>	-Alive Mgmt.  -Sid Productions  -Nation Drywall Contractors  -Falcon Crest Homes
<b>277 Richmond Road</b>	-Beauty Salon
<b>298 Richmond Road</b>	-BF Vacuum Cleaner Ctr.
<b>300 Richmond Road</b>	-Gravelle Auto.
<b>310 Richmond Road</b>	-Address Not Listed
<b>312 Richmond Road</b>	-Res (1 tenant)
<b>314 Richmond Road</b>	-Westboro Convenience

<b>319 Richmond Road</b>	-Century Motors
<b>408 Richmond Road</b>	-Address Not Listed
<b>456 Richmond Road</b>	-Address Not Listed

<b>PROJECT NUMBER:</b> 20160202061	
<b>Site Address:</b>	404 Eden Avenue, Ottawa, Ontario
<b>Year:</b> 1984	
<b>Site Listing:</b>	-Res (1 tenant)
<b>Adjacent Properties:</b>	
<b>413 Churchill Avenue</b>	-Vacant
<b>277 Richmond Road</b>	-Beauty Salon
<b>298 Richmond Road</b>	-BF Vacuum Cleaner Ctr.
<b>300 Richmond Road</b>	-Bytown Motors
<b>310 Richmond Road</b>	-Address Not Listed
<b>312 Richmond Road</b>	-Perfect Stitch Sewing Ctr.

<b>314 Richmond Road</b>	-Westboro Convenience
<b>319 Richmond Road</b>	-BP Svc. Stn.
<b>408 Richmond Road</b>	-Address Not Listed
<b>456 Richmond Road</b>	-Address Not Listed

<b>PROJECT NUMBER: 20160202061</b>	
<b>Site Address:</b>	404 Eden Avenue, Ottawa, Ontario
<b>Year: 1965</b>	
<b>Site Listing:</b>	-Res (1 tenant)
<b>Adjacent Properties:</b>	
<b>413 Churchill Avenue</b>	-Police Stn.
<b>277 Richmond Road</b>	-Airway Vacuum Cleaner Ctr.
<b>298 Richmond Road</b>	-Jacquot Motors
<b>300 Richmond Road</b>	-Rothberg Motors
<b>310 Richmond Road</b>	-Address Not Listed

<b>312 Richmond Road</b>	-Arco Automatic Retail
<b>314 Richmond Road</b>	-Schneider Meat Packer
<b>319 Richmond Road</b>	-Supertest Svc. Stn.
<b>408 Richmond Road</b>	-Parkway Taxi
<b>456 Richmond Road</b>	-Address Not Listed

<b>PROJECT NUMBER:</b> 20160202061	
<b>Site Address:</b>	404 Eden Avenue, Ottawa, Ontario
<b>Year:</b> 1950	
<b>Site Listing:</b>	-Res (1 tenant)
<b>Adjacent Properties:</b>	
<b>413 Churchill Avenue</b>	-City Health Dept.
<b>277 Richmond Road</b>	-Flower Shop
<b>298 Richmond Road</b>	-Elgin Motors
<b>300 Richmond Road</b>	-Address Not Listed

<b>310 Richmond Road</b>	-Address Not Listed
<b>312 Richmond Road</b>	-Address Not Listed
<b>314 Richmond Road</b>	-You Laundry
<b>319 Richmond Road</b>	-Supertest Svc. Stn.
<b>408 Richmond Road</b>	-Barber Shop
<b>456 Richmond Road</b>	-Address Not Listed

<b>PROJECT NUMBER: 20160202061</b>	
<b>Site Address:</b>	404 Eden Avenue, Ottawa, Ontario
<b>Year: 1946</b>	
<b>Site Listing:</b>	-Res (1 tenant)
<b>Adjacent Properties:</b>	
<b>413 Churchill Avenue</b>	-City Offices
<b>277 Richmond Road</b>	-Flower Shop
<b>298 Richmond Road</b>	-Vacant



<b>300 Richmond Road</b>	-Address Not Listed
<b>310 Richmond Road</b>	-Address Not Listed
<b>312 Richmond Road</b>	-Address Not Listed
<b>314 Richmond Road</b>	-You Laundry
<b>319 Richmond Road</b>	-Address Not Listed
<b>408 Richmond Road</b>	-Barber Shop
<b>456 Richmond Road</b>	-Address Not Listed

<b>PROJECT NUMBER:</b> 20160202061	
<b>Site Address:</b>	404 Eden Avenue, Ottawa, Ontario
<b>Year:</b> 1941	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>413 Churchill Avenue</b>	-Address Not Listed
<b>277 Richmond Road</b>	-Address Not Listed

<b>298 Richmond Road</b>	-Address Not Listed
<b>300 Richmond Road</b>	-Address Not Listed
<b>310 Richmond Road</b>	-Address Not Listed
<b>312 Richmond Road</b>	-Address Not Listed
<b>314 Richmond Road</b>	-Address Not Listed
<b>319 Richmond Road</b>	-Address Not Listed
<b>408 Richmond Road</b>	-Address Not Listed
<b>456 Richmond Road</b>	-Address Not Listed

<b>PROJECT NUMBER:</b> 20160202061	
<b>Site Address:</b>	404 Eden Avenue, Ottawa, Ontario
<b>Year:</b> 1935	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>413 Churchill Avenue</b>	-Address Not Listed

<b>277 Richmond Road</b>	-Address Not Listed
<b>298 Richmond Road</b>	-Address Not Listed
<b>300 Richmond Road</b>	-Address Not Listed
<b>310 Richmond Road</b>	-Address Not Listed
<b>312 Richmond Road</b>	-Address Not Listed
<b>314 Richmond Road</b>	-Address Not Listed
<b>319 Richmond Road</b>	-Address Not Listed
<b>408 Richmond Road</b>	-Address Not Listed
<b>456 Richmond Road</b>	-Address Not Listed

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory



# **APPENDIX C**

## **Site Photographs**



## Appendix C - Site Photographs, Phase One ESA 404 Eden Avenue, Ottawa, Ontario



**Photograph 1:** Looking northwest at the front of the residential building, the parking garage and the paved driveway located on the Phase One Property.



**Photograph 2:** Looking east at the west side (the back) of the residential building and the snow covered back yard on the Phase One Property.



## Appendix C - Site Photographs, Phase One ESA 404 Eden Avenue, Ottawa, Ontario



**Photograph 3:** Looking west at the backyard and storage sheds that were located on the southwest corner of the Site. The fencing along the northern and western Site boundaries and the fencing on the rock retaining wall along the southern Site boundary are visible.



**Photograph 4:** View of fill and vent pipes in the basement foundation on the north side of the on-Site residential building associated with a former fuel oil ASTs.





## Appendix C - Site Photographs, Phase One ESA 404 Eden Avenue, Ottawa, Ontario



**Photograph 5:** Looking southwest at the natural gas meter, hydrometer and fill and vent pipes of the former fuel oil AST located along the northern exterior wall of the residential dwelling.



**Photograph 6:** Photo of the fill and vent pipes for the former fuel oil AST that have been cut off and stuffed with newspaper. This photo was taken by the Site Representative from the basement of the house.





## Appendix C - Site Photographs, Phase One ESA 404 Eden Avenue, Ottawa, Ontario



**Photograph 7:** Photo of the concrete basement floor, likely in the area of the former heating oil AST. This photos was taken by the Site Representative.



**Photograph 8:** Looking southwest at a school and a recreational hall located on the surrounding properties south of the Site along Churchill Avenue.



## Appendix C - Site Photographs, Phase One ESA 404 Eden Avenue, Ottawa, Ontario



**Photograph 9:** View of the Laundry Land Dry Cleaning facility located on the adjacent lands southwest of the Site at 434 Churchill Avenue.



**Photograph 10:** Looking south at residential dwellings on the surrounding properties south of the Site along Highcroft Avenue.





## Appendix C - Site Photographs, Phase One ESA 404 Eden Avenue, Ottawa, Ontario



**Photograph 11:** Looking north at residential dwellings on the surrounding properties east of the Site along Athlone Avenue.



**Photograph 12:** Looking southeast at the Mac's retail fuel outlet located on the adjacent land east of the Site at 256 Richmond Road.



## Appendix C - Site Photographs, Phase One ESA 404 Eden Avenue, Ottawa, Ontario



**Photograph 13:** Looking southeast at commercial properties located north of the Site along Richmond Road.



**Photograph 14:** Looking south at the multi-tenant commercial building located immediately north of the Phase One Property.





## Appendix C - Site Photographs, Phase One ESA 404 Eden Avenue, Ottawa, Ontario



**Photograph 15:** Looking northwest at Avenue's Garage located on the surrounding lands north of the Site at 319 Richmond Road.



**Photograph 16:** Looking southwest at the intersection of Churchill Avenue and Danforth Avenue and commercial properties along Churchill Avenue on the adjacent lands west of the Site.



**Photograph 17:** View of the residential properties located on the adjacent lands north of the Site along Winona Avenue.



**Photograph 18:** Looking south at the recreational centre located north of the Site at the east end of Elmgrove Avenue.





## Appendix C - Site Photographs, Phase One ESA 404 Eden Avenue, Ottawa, Ontario



**Photograph 19:** Looking southeast at residential properties along the east side of Eden Avenue from the Phase One Property. The land's significant slope to the north is evident.

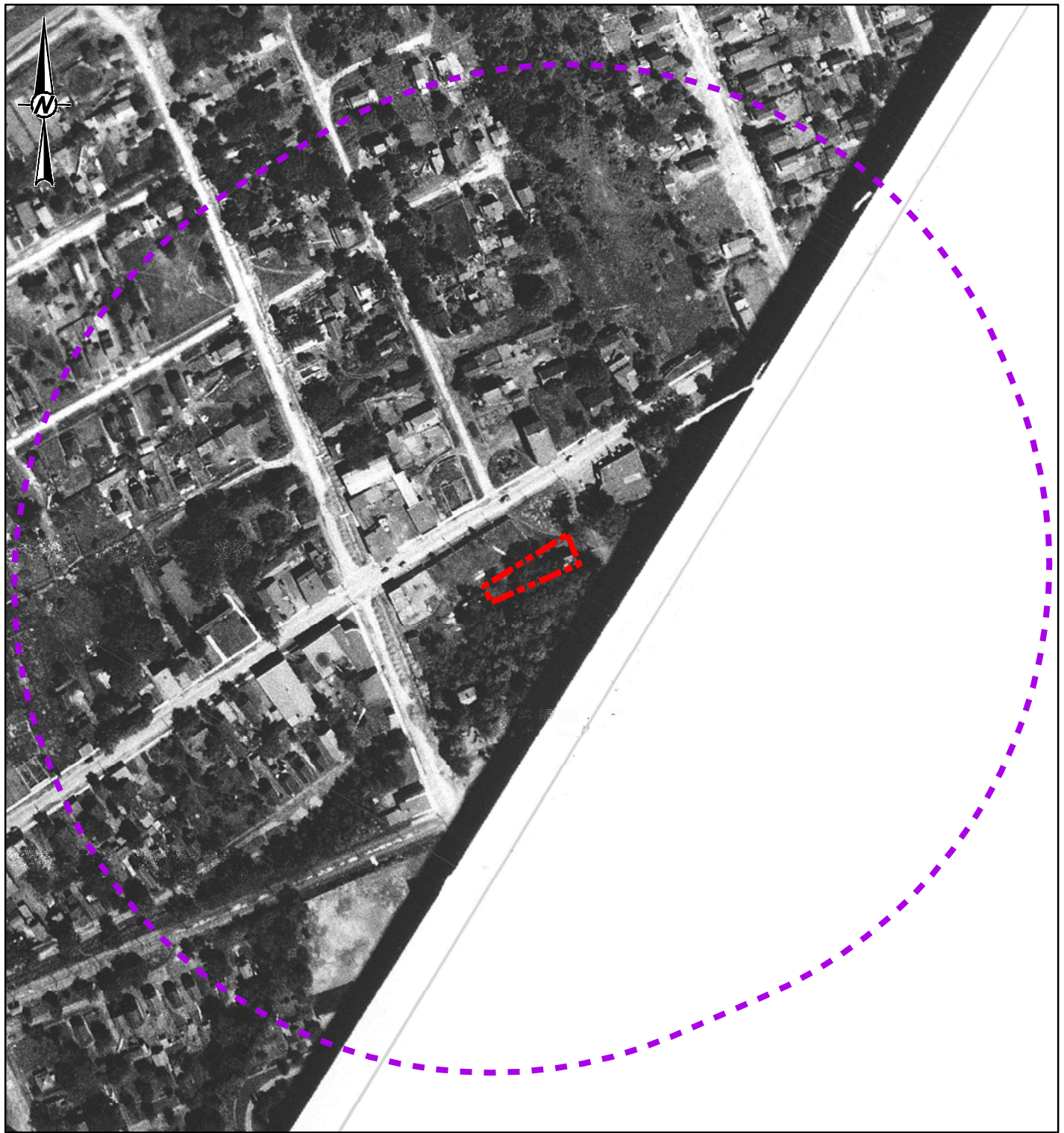
\\golder.gds\gal\Ottawa\Active\2016\3 Proj\1650401 404 Eden Proposed Development Ottawa\1000\_Environmental\Phase I ESA Report\Appendix C - Site Photographs\App C - Site Photographs - 1650401.docx







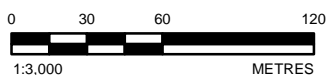
# **APPENDIX D**

## **Aerial Photographs**



#### LEGEND

-  PHASE ONE ESA SITE BOUNDARY
-  PHASE ONE ESA STUDY AREA



#### NOTE(S)

1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1650401-1000.

#### REFERENCE(S)

1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83  
COORDINATE SYSTEM: UTM ZONE 18 VERTICAL DATUM: CGVD28

#### CLIENT

404 EDEN LIMITED

#### PROJECT

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
404 EDEN AVENUE, OTTAWA, ONTARIO

#### TITLE

1931 AIR PHOTO

#### CONSULTANT



YYYY-MM-DD 2016-02-02

DESIGNED ----

PREPARED JEM

REVIEWED AT

APPROVED TDR

PROJECT NO.  
1650401

PHASE  
1000

REV.  
0

FIGURE  
D1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm





#### LEGEND



PHASE ONE ESA SITE BOUNDARY

PHASE ONE ESA STUDY AREA



#### NOTE(S)

1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1650401-1000.

#### REFERENCE(S)

1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83  
COORDINATE SYSTEM: UTM ZONE 18 VERTICAL DATUM: CGVD28

#### CLIENT

404 EDEN LIMITED

#### PROJECT

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
404 EDEN AVENUE, OTTAWA, ONTARIO

#### TITLE

1945 AIR PHOTO

#### CONSULTANT



YYYY-MM-DD 2016-02-02

DESIGNED ----

PREPARED JEM

REVIEWED AT

APPROVED TDR

PROJECT NO.  
1650401

PHASE  
1000

REV.  
0



FIGURE  
D2

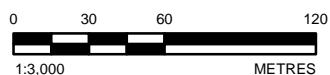
IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm





#### LEGEND

-  PHASE ONE ESA SITE BOUNDARY
-  PHASE ONE ESA STUDY AREA



#### NOTE(S)

1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1650401-1000.

#### REFERENCE(S)

1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83  
COORDINATE SYSTEM: UTM ZONE 18 VERTICAL DATUM: CGVD28

#### CLIENT

404 EDEN LIMITED

#### PROJECT

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
404 EDEN AVENUE, OTTAWA, ONTARIO

#### TITLE

1985 AIR PHOTO

#### CONSULTANT



YYYY-MM-DD 2016-02-02

DESIGNED ----

PREPARED JEM

REVIEWED AT

APPROVED TDR

PROJECT NO.  
1650401

PHASE  
1000

REV.  
0

FIGURE  
D3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

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