



# Phase ONE Environmental Site Assessment

## 24 Hawthorne Avenue

## Ottawa, Ontario

## FINAL REPORT

Prepared for  
*TC United Group*  
*Unit 9*

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## Executive Summary

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McIntosh Perry Consulting Engineers Ltd. (McIntosh Perry) was retained by TC United Group (TC United) to conduct a Phase One Environmental Site Assessment (ESA) for the property located at 24 Hawthorne Avenue in the City of Ottawa, Ontario (the 'Site'). The Site is currently occupied by a residential dwelling, garage/shed, paved driveway, and associated vegetated areas. It is McIntosh Perry's understanding that TC United is in the process of purchasing the site. This Phase One ESA is being completed for environmental due diligence purposes, and in support of a Site Plan Approval application for the eventual redevelopment of the site with a residential building. This does not represent a change to a more sensitive land use, and as such, a Record of Site Condition (RSC) is not considered to be required.

The Phase One ESA has been prepared in accordance with the requirements of Ontario Regulation (O.Reg.) 153/04 - Records of Site Condition - Part XV.1 of the Environmental Protection Act as amended by O.Reg.511/09. The Phase One ESA is also in general compliance with CSA Z768-01 (R 2006), and CHMC Standard 11 9907-02, 1993.

The Phase One ESA study area includes all properties within 250 m of the subject Site.

No Potentially Contaminating Activities (PCAs) were identified on, in, or under the Phase One ESA property. Numerous PCAs were identified within the Phase One Study Area. The majority of these PCAs are not considered to represent Areas of Potential Environmental Concern (APECs) to the Site, based on their separation distance and/or cross-gradient location with respect to the Site. However, records indicate that a spill of approximately 200 L of fuel oil occurred in November 2016 on the property immediately adjacent to the Site (22 Hawthorne Avenue). Given the proximity of this spill to the Site, it is considered to represent an Area of Potential Environmental Concern with respect to the Site.

During the Phase One site visit, McIntosh Perry staff observed one monitoring well on the Site, two monitoring wells on or near the property boundary between 22 and 24 Hawthorne Avenue, and an additional eight monitoring wells at 22 Hawthorne Avenue. The presence of these monitoring wells is considered indicative of a significant subsurface investigation; it is our understanding that a Phase 2 ESA is being completed by the owner of 22 Hawthorne Avenue. *It is our recommendation that the Phase 2 ESA be reviewed prior to the finalization of the sale of the property.* Depending on the results of our review, further investigation may be recommended to mitigate TC United's environmental risk in purchasing the Site and determine whether the spill at 22 Hawthorne Avenue has affected the Site. *If the Phase 2 ESA is not available for review, it is recommended that a subsurface investigation be completed to determine whether the spill at 22 Hawthorne Avenue has affected the soil and/or groundwater at the Site.*



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## 1.0 INTRODUCTION

### 1.1 General

McIntosh Perry Consulting Engineers Ltd. (McIntosh Perry) was retained by TC United Group (TC United) to conduct a Phase One Environmental Site Assessment (ESA) for the property located at 24 Hawthorne Avenue in the City of Ottawa, Ontario (the 'Site'). The Site consists of a residential building, a shed/garage structure, and a paved driveway. The remainder of the Site is either paved or vegetated. The total area of the Site is approximately 292 m<sup>2</sup>. The Site location is indicated on Figure 1 (Site Location Map). The Site layout and surface infrastructure features are indicated on Figure 2 (Site Layout Plan/Aerial Photograph).

It is understood that TC United requires the Phase One ESA for environmental due diligence purposes, as well as submission to the City of Ottawa, in support of Site Plan Approval for the redevelopment of the Site with a residential building. No change to property use is proposed.

Based on aerial photographs and review of historical information the Site has been occupied with the residential structure and shed/garage since at least 1958.

### 1.2 Phase One Property Information

#### 1.2.1 Property Identification

The municipal address for the Site is 24 Hawthorne Avenue, Ottawa, Ontario. The legal description of the property is:

Plan 220 Part Lots 5 and 6; Hawthorne S

PIN 041260014

#### 1.2.2 Property Ownership and Contact Details

The property at 24 Hawthorne Avenue is currently owned by Prem Sookdeo. McIntosh Perry was retained to complete this Phase One ESA by TC United, who are currently in negotiations to purchase the property. McIntosh Perry's owner contact person is Ryan Rutherford, who can be contacted via telephone at 613-680-5582.

#### 1.2.3 Current and Proposed Future Uses

The Site is occupied by a residential building, a shed/garage structure, and a paved driveway. The remainder of the Site is vegetated.

### 1.3 Surrounding Land Use

Surrounding land uses include:

- North – Commercial (Redshaw Auto Care) and residential
- East – Residential

- West – Residential and commercial (The Royal Oak, Pretoria Bridge Dental)
- South – Residential and institutional (schools)



## 2.0 SCOPE OF INVESTIGATION

A Phase One ESA is a preliminary environmental screening tool designed to provide a qualitative assessment of the environmental condition of a site based on a desktop review of available documentation pertaining to the site, observations made during a site visit, and information from interviews with people who have knowledge of the site and its history. Sampling and chemical analysis of soils, groundwater, and/or other materials/substances are beyond the scope of work for a Phase One ESA.

This Phase One ESA has been prepared in general accordance with the requirements of the following legislation:

- Ontario Regulation (O.Reg.) 153/04 - Records of Site Condition - Part XV.1 of the Environmental Protection Act as amended by O.Reg.511/09.

The report is also in general compliance with:

- "Phase I Environmental Site Assessment", Canadian Standards Association (CSA) Standard CSA Z768-01 (Reaffirmed 2006).
- "Environmental Site Investigation Procedures, Phase I Environmental Site Assessments", Canadian Mortgage and Housing Corporation (CHMC) standard 11 9907-02, 1993. PHASE I ESA - Scope of Work.

The subject property is not an 'Enhanced Investigation Property' as defined in O.Reg. 153/04 (as amended).

## 3.0 RECORDS REVIEW

### 3.1 General

#### 3.1.1 Phase One ESA Study Area Determination

The Phase One ESA study area includes the following properties:

- The Site (interior and exterior); and
- All properties within 250 m of the Site boundary.

#### 3.1.2 First Developed Use Determination

Based on review of aerial photographs and review of historical information, the present day residential building on the Site was constructed between 1938 and 1958. The Site appears to have been vacant prior to 1938, and as such the present-day on-site structure is deemed to be the first developed use. This determination is supported by the Aerial Photographs included as Appendix A and by the City Directory Search completed as part of the EcoLog ERIS report, included in Appendix D.

#### 3.1.3 Fire Insurance Plans

The Catalogue of Canadian Fire Insurance Plans (FIPs) was searched by EcoLog ERIS of Toronto, Ontario. Records from 1956 were reviewed. The FIPs did not identify any fuel storage tanks or other potentially contaminating activities on the Site or in the immediate vicinity of the Site. The FIPs identified several PCAs within the 250 m Phase One ESA study area, which are listed in Section 6.2 of this report. FIPs are included as Appendix D.

#### 3.1.4 Chain of Title

A land title search and the Legal Plan were not available at the time of report writing. In the event that a Record of Site Condition (RSC) is required for the site, these outstanding documents would be required prior to the filing of the RSC.

#### 3.1.5 Environmental Reports

In order to identify any previous environmental reports concerning the Site, a Ministry of Environment and Climate Change (MOECC) freedom of information (FOI) request was submitted to the FOI Office. At the time of writing there have been no official responses from the MOECC (the request was submitted on April 14, 2017 and the turn-around-time for MOECC FOI Reports is typically one to two months).

A request for information was also submitted to the Historical Land Use Information Department of the City of Ottawa. At the time of writing there have been no official responses from the City of Ottawa (the request was submitted on April 11, 2017).

An FOI request was also submitted to the Technical Standards and Safety Authority (TSSA). Email correspondence from TSSA indicates that they do not have any record of fuel storage tanks at the Site.

A copy of all the above-noted correspondence is found in Appendix D.

### 3.1.6 *Former Reports*

While there are various approval documents and plans for the redevelopment of the Site in the process of being created, McIntosh Perry is not currently aware of any former reports pertaining to the Site.

## 3.2 Environmental Source Information

McIntosh Perry completed a records review to obtain information about the Site pertaining to items of actual and/or potential environmental concern.

### 3.2.1 *Databases Searched*

McIntosh Perry obtained information contained in the databases listed below from EcoLog ERIS of Toronto, Ontario. Details about the sources of information and the years included for each database, as well as the pertinent information obtained from these databases are included in the EcoLog ERIS report which is included as Appendix E.

#### Federal Government Databases:

- Environmental Effects Monitoring
- Environmental Issues Inventory System
- Federal Convictions
- Contaminated Sites on Federal Land
- Fisheries & Oceans Fuel Tanks
- Indian and Northern Affairs Fuel Tanks
- National Analysis of Trends in Emergencies System (NATES)
- National Defence & Canadian Forces Fuel Tanks
- National Defence & Canadian Forces Spills
- National Defence & Canadian Forces Waste Disposal Sites
- National Environmental Emergencies System (NEES)
- National PCB Inventory
- National Pollutant Release Inventory
- Parks Canada Fuel Storage Tanks
- Transport Canada Fuel Storage Tanks

#### Provincial Government Databases:

- Abandoned Aggregate Inventory
- Aggregate Inventory
- Abandoned Mines Information System
- Certificates of Approval



- Coal Gasification Plants
- Compliance and Convictions
- Drill Holes
- Environmental Registry
- Ontario Regulation 347 Waste Generators Summary
- Mineral Occurrences
- Non-Compliance Reports
- Ontario Oil and Gas Wells
- Ontario Inventory of PCB Storage Sites
- Ministry Orders
- Occurrence Reporting Information System
- Pesticide Register
- Private Fuel Storage Tanks
- Ontario Regulation 347 Waste Receivers Summary
- Record of Site Condition
- Wastewater Discharger Registration Database
- Waste Disposal Sites – MOE CA Inventory
- Waste Disposal Sites – MOE 1991 Historical Approval Inventory
- Water Well Information System

#### Private Databases:

- Anderson's Waste Disposal Sites
- Automobile Wrecking and Supplies
- Commercial Fuel Oil Tanks
- Chemical Register
- ERIS Historical Searches
- Canadian Mine Locations
- Oil and Gas Wells
- Canadian Pulp and Paper
- Retail Fuel Storage Tanks
- Scott's Manufacturing Directory
- Anderson's Storage Tanks

#### 3.2.2 Database Findings Relevant to the Phase One ESA

The databases searched by EcoLog ERIS contained the following information pertaining to the Site as well as properties within a 275 metre radius from the centre of the Site (approximately 250 m from the Site boundary):

- Thirty-Eight Borehole records
- Ten Certificates of Approval
- One Environmental Compliance Approval
- Eight ERIS Historical Searches
- Thirteen TSSA Expired Facility records
- Sixty Ontario Regulation 347 Waste Generators Summary records
- Three TSSA Incidents
- Three TSSA Pipeline Incidents
- One Private and Retail Fuel Storage Tank records
- Two Records of Site Condition
- One Scott's Manufacturing Directory records
- Six Ontario Spills records
- Seventeen Water Well Information System records

Pertinent information from the EcoLog ERIS report is summarized as follows:

### Borehole Records

Thirty-Eight Borehole records were located within a 275 m radius from the centre of the Site. The following list/table summarizes the details of each borehole:

Table 1: Borehole Records

Borehole ID	Location relative to site	Completion Depth (m bgs)	Depth to Bedrock (m bgs)
613238	North-northeast	5.3	n/a
802684	Southwest	4.3	n/a
847600	North-northwest	10.1	n/a
847433	Northwest	38.1	n/a
847598	North	10.1	n/a
847435	West-northwest	18.7	n/a
801539	West-southwest	33.5	30.6
801011	Southwest	6.9	n/a
801556	West-southwest	33.5	30.5
847437	West-northwest	35.8	32.8
847599	North-northeast	10.1	n/a
802686	North-northwest	5.8	n/a
801002	Southwest	4.3	n/a
847597	Northeast	34.1	31.4
802683	South	5.2	n/a
801580	Southeast	1.8	31.0

Borehole ID	Location relative to site	Completion Depth (m bgs)	Depth to Bedrock (m bgs)
800999	Southwest	7.3	n/a
847434	West-northwest	32.9	n/a
801582	West-southwest	35.3	32.2
847398	West	36.1	32.9
847596	North-northeast	31.5	27.0
613251	North	34.2	31.3
847432	West	36.6	32.8
847436	West	17.3	n/a
613211	Southeast	10.4	n/a
613255	North	n/a	n/a
807401	East	13.4	n/a
802688	North	4.3	n/a
613249	Northwest	n/a	n/a
613252	North-northeast	n/a	22
847431	West	19.8	n/a
613233	West-northwest	n/a	n/a
802681	South-southeast	4.3	n/a
808715	Northwest	8.5	n/a
805667	West-southwest	4.3	n/a
847429	West	41.1	38.3
613245	West-northwest	14.3	n/a

The average depth of completion for the boreholes is 18.5 metres below ground surface (m bgs). Where listed, the average depth to bedrock in the boreholes is 31.1 m bgs.

### Certificates of Approval

No Certificates of Approval (C of A) records were returned for the Site, however seven C of A records were noted for properties within a 275 m radius from the centre of the Site. These are summarized as follows:

- C of A 3-0505-95 (1995) is listed for the City of Ottawa at Graham Ave/Echo Dr/Main St for municipal sewage.
- C of A 7311-6GNPV4 (2005) is listed for Sherbrooke Urban Developments Ltd. at 103 Main St/43 to 55 Evelyn Ave for municipal and private sewage works.
- C of A 7-0179-99 (1999) is listed for the Municipality of Ottawa-Carleton at Queen Elizabeth Dr/Pretoria Ave for municipal water.



- C of A 3464-4LJGVF (2000) is listed for Claridge Homes (Crown Point) Inc. at 145 to 165 Echo Dr for municipal and private sewage. The approval is for a stormwater management facility to accommodate the construction of 25 townhouses.
- C of A 5136-544KS2 (2001) is listed for Limestone Developments Ltd. at 40 and 44 Main St for municipal and private sewage.
- C of A 5604-4TWSC5 (2001) is listed for Limestone Developments Ltd. at 40 and 44 Main St for municipal and private sewage. The approval is for municipal sewage works for a stormwater management system.
- C of A 7-1299-91 (1991) is listed for the Ottawa Board of Education at Evelyn Ave/Main St for municipal water.
- C of A 5085-4WQPHN (2001) is listed for Charlesfort Developments Ltd. at 29 Main St for municipal and private sewage.
- C of A 1478-4TVK4K (2001) is listed for Charlesfort Developments Ltd. at 29 Main St for municipal and private sewage. The approval is for the attenuation of stormwater runoff during peak flow rates, by restriction utilizing an inlet control device at the downstream end of an oversized sewer.
- C of A 3-0129-98 (1998) is listed for Michael G. Gallazka at 123 Main St for municipal sewage.

These Certificates of Approval are not considered to represent environmental concerns to the Site.

### Environmental Compliance Approval

One Environmental Compliance Approval (ECA) was noted within a 275 m radius from the centre of the Site. ECA 6595-99MKMF (2013) is listed for the City of Ottawa at Elgin St/Isabella St for municipal and private sewage. This ECA is not considered to represent an environmental concern to the Site.

### ERIS Historical Searches

The EcoLog ERIS report indicates that there were eight Environmental Risk Information Services (ERIS) Historical searches performed for properties within a 275 m radius from the centre of the Site:

- A custom report for 56 Hawthorne Avenue in 2009
- A standard report for 31 Graham Avenue in 2014
- A custom report for 221 Echo Drive in 2005
- A standard report for 59 Main Street in 2012
- A standard report for 143 and 145 Echo Drive in 2009
- A basic report for 29 Main Street in 2001
- A custom report for 135 Echo Drive in 2008
- A standard report for 176 Greenfield Avenue in 2015

### TSSA Expired Facility Records

There are thirteen TSSA Expired Facility records noted for properties within a 275 m radius from the centre of the Site. All records are associated with 29 Main St (R M Fedorchuk Ltd.) for tanks and associated piping at a full service gas station. Where provided, it appears that the facility approvals expired in 1989.

### Ontario Regulation 347 Waste Generators Summary

No waste generator records were returned for the Site, however sixty records were noted for properties within a 275 m radius from the centre of the Site. Records were found for several cycling shops, a doctor's office, several garages/service centres, several cleaning companies, the Ottawa Catholic District School Board, and for construction-related purposes. These records are summarized in Appendix D. These records are not considered to represent an environmental concern to the Site.

### TSSA Incidents

No TSSA incident records were returned for the Site. Three TSSA incidents were listed within a 275 m radius from the Site:

- Fuel oil leak at 22 Hawthorne Ave on November 18 and December 1, 2016 (two records)
- Natural gas fire at 63 Evelyn Ave on September 19, 2016.

The records from 22 Hawthorne Ave (adjacent to the Site) have the potential to represent an environmental concern to the Site, due to the spill's proximity to the Site. Further discussion is provided in Section 6.3 – Areas of Potential Environmental Concern (APEC).

### TSSA Pipeline Incidents

There are three TSSA Pipeline Incident records noted for properties within a 275 m radius from the centre of the Site:

- A natural gas pipeline was damaged at 83 Main St due to insufficient excavation practices, on December 14, 2015. Environmental impacts were not noted.
- A natural gas pipeline was damaged at 47 Lees Ave due to insufficient excavation practices, on July 3, 2014. Environmental impacts were not noted.
- A natural gas pipeline was damaged at 214 Queen Elizabeth Dr due to insufficient excavation practices, on May 14, 2012. Environmental impacts were not noted.

### Private and Retail Fuel Storage Tank Records

There was one Private and Retail Fuel Storage Tank record noted within a 275 m radius from the centre of the Site. The license, which expired in 1995, is listed under R M Fedorchuk Ltd. at 29 Main St for the private retail of fuel.

## Record of Site Condition

Two Records of Site Condition (RSC) were noted within a 275 m radius from the centre of the Site. The RSCs were completed in 2000 (145-159 Echo Dr; 163-165 Echo Drive; 23-25 Harvey St.) and 2001 (29 Main St). An RSC is a certification that the soil and groundwater quality at the property for which the RSC was filed were in compliance with the applicable MOECC Site Condition Standards at the time of RSC filing, but does not address the environmental conditions of adjacent or nearby properties. However, given the separation distance of these properties from the Site, they are not considered to represent an environmental concern to the Site.

## Scott's Manufacturing Directory Records

One Scott's Manufacturing Directory record was noted for T-Base Communications Inc. at 50 Main St. The record is for digital and other printing, manufacturing and reproducing magnetic and optical media, and publishing software.

## Ontario Spills

Six Ontario Spills records were listed for properties within a 275 m radius from the Site. They are summarized in the table below:

Table 2: MOECC Spill Records

Company	Address	Year	Incident
Bruce Fuels	22 Hawthorne Ave	2016	Above-ground storage tank furnace oil leak (200 L) due to equipment failure
Parks Canada	Rideau Canal – Colonel By Dr/Hawthorne Ave	2009	Oil sheen on Rideau Canal – environmental impacts possible
Shell Canada Products Ltd.	29 Main St	1994	Underground waste oil tank leak due to corrosion – environmental impacts possible
Ottawa Hydro	Queen Elizabeth Dr/Cartier	1994	Cooling system leak of non-PCB oil (45 L) due to storm/flood/wind – environmental impacts not anticipated
Drain-All Ltd.	Isabella/Elgin St	1998	Truck leak of water-based paint (8 L) due to equipment failure – environmental impacts not anticipated
Private Owner	63 Evelyn	1994	Fuel tank leak of gasoline (unknown amount) due to corrosion – environmental impacts possible

It is noted that the 2016 spill at 22 Hawthorne Ave (adjacent to the Site) represents an environmental risk to the Site. Further discussion is provided in Section 6.3 – Areas of Potential Environmental Concern (APEC).

## Water Well Information System

A total of seventeen Water Well Information System records occur within a 275 m radius from the centre of the Site. All wells were listed as being used for testing/monitoring purposes, with the exception of one record, which was listed as abandoned. Well record details are summarized in the table below:

Table 3: MOECC Well Records

Well ID	Completion Material	Well Depth (m bgs)	Well Use
7235381	Clay	6.1	Test Hole
7235380	Clay	6.1	Test Hole
7235382	Clay	6.1	Test Hole
7155881	Clay	6.1	Test Hole
7162756	Clay	5.39	Test Hole
7162755	Clay	5.79	Test Hole
7159685	Clay	5.49	Test Hole
7162753	Clay	5.79	Test Hole
7162754	Clay	5.79	Test Hole
7155882	Clay	4.57	Test Hole
7159669	Clay	5.49	Test Hole
7159668	Clay	5.49	Test Hole
7159670	Clay	5.49	Test Hole
7225387	-	5.79	Test Hole
7225388	-	-	Test Hole
7225389	-	5.79	Abandoned-Other
7225390	-	5.79	Test Hole

### 3.2.3 Aerial Photographs

The following table describes observations about current and historical land uses for the Site and surrounding properties that were noted during review of aerial photographs of the area taken between 1928 and 2014. Aerial photographs are included in Appendix A. Current land use designations in the area where the Site is situated are included on Figure 4.

Table 4: Aerial Photographs

Date	Roll #	Observations
1928	geoOttawa	Site appears to be undeveloped. Surrounding area is predominantly medium-density residential with some larger buildings (possibly commercial or institutional use) and a major railroad (location of the present-day Highway 417 corridor).
1938	National Air Photo Library	Site appears to be undeveloped. Surrounding area is predominantly medium-density residential with some larger buildings (possibly commercial or institutional use) and a major railroad (location of the present-day Highway 417 corridor).
1958	geoOttawa	Site appears to be developed to its current configuration. Surrounding area has developed significantly, predominantly residential with commercial and institutional use.
1965	geoOttawa	No significant changes to the Site. Surrounding area has developed significantly; Highway 417 is being built approximately 60 m north of the Site, replacing a railroad.
1976	geoOttawa	No significant changes to the Site. Highway 417 construction appears complete.
1991	geoOttawa	No significant changes to the Site or surrounding area. The Site and surrounding area appear similar to current conditions.
1999	geoOttawa	No significant changes to the Site or surrounding area. The Site and surrounding area appear similar to current conditions.
2005	geoOttawa	No significant changes to the Site or surrounding area. The Site and surrounding area appear similar to current conditions.
2011	geoOttawa	No significant changes to Site or surrounding areas since 2008. The Site and surrounding lands appear similar to current conditions.
2014	geoOttawa	No significant changes to Site or surrounding areas since 2008. The Site and surrounding lands appear similar to current conditions.

Air photographs from 1928 and 1958 show portions of the former Canadian National Railway line, which was located approximately 60-70 m north of the Site, at its closest point. Due to its proximity to the Site, the former rail line is considered a potentially contaminating activity that was identified from inspection of air photographs.

### 3.2.4 Topography

The on-site elevation ranges from approximately 69-70 m above sea level (asl). The ground surface in the area appears to slope to the north and east, toward the Ottawa and Rideau Rivers, respectively. Figure 5 depicts the topography for the area.

### 3.2.5 Hydrology

The subject Site occurs within the Lower Ottawa – Rideau watershed. The Site is located approximately 105 m east of the Rideau Canal; surface water flow is likely to the west, towards the canal. The Rideau River is located approximately 630 m east of the Site.

Surface drainage from the property is controlled by topography and generally consists of sheet flow in impermeable areas and infiltration in permeable areas. Sheet flow likely flows to storm sewers located along Hawthorne Ave.

Figure 5 shows the major surface water drainage features in the local area.

### 3.2.6 Geology

#### Surficial Geology

Geological maps of the area indicate that the overburden at the Site consists of fine-textured glaciomarine deposits, described as massive to well-laminated silt and clay, with minor amounts of sand and gravel (OGS, 2017).

#### Bedrock Geology

Bedrock at the Site and in the surrounding area is described as shale, limestone, dolostone, and siltstone of the Billings formation (Eastview member) (OGS, 2017).

### 3.2.7 Hydrogeology

The subject property is located within the Lower Ottawa – Rideau watershed. Shallow groundwater is presumed to flow to the west towards the Rideau Canal, which is located approximately 105 m to the west of the Site. The Rideau Canal eventually terminates in the Ottawa River.

### 3.2.8 Fill Materials

No significant fill material of unknown quality was observed at the Site. Some fill material, which appeared to have been excavated from the east wall of an adjacent property (22 Hawthorne Avenue), was present along the property line during McIntosh Perry's Site visit. Given the minor amounts of fill present at the ground surface, this material is not considered to represent a significant environmental concern to the Site.

### 3.2.9 Water Bodies and Areas of Natural Significance

The closest permanent natural water body is the Rideau Canal, which is approximately 105 m to the west of the Site, at its closest point.

MNR maintained areas of natural significance include:

- Areas of Natural and Scientific Interest (ANSI) - earth science and life science
- Provincially Significant Wetlands (PSWs)
- Wildlife Management Areas (WMAs)

There are no areas of natural significance in the study area.

#### *3.2.10 Well Records*

A total of 17 Water Well Information System records occur within a 275 m radius from the centre of the Site. All wells were listed as being used for testing/monitoring purposes, with the exception of one record, which was listed as abandoned.

#### *3.2.11 MOECC Freedom of Information Request*

In order to identify any previous environmental reports concerning the Site, a Ministry of Environment and Climate Change (MOECC) freedom of information (FOI) request was submitted to the FOI Office. At the time of writing there have been no official responses from the MOECC (the request was submitted on April 14, 2017 and the turn-around-time for MOECC FOI Reports is typically one to two months).

### **3.3 Site Operating Records**

Given the residential nature of the site, no site operating records were available for the Site. The Phase One ESA property is not an 'enhanced investigation property', as defined by O.Reg. 153/04. Accordingly, the requirement to review available site operating records does not apply.

### **3.4 City Directory Search**

A City Directory Search was requested from EcoLog ERIS as part of McIntosh Perry's Site investigations. The search results provided valuable information as to the land use history of the Site and surrounding properties in the Study Area. Several new Potentially Contaminating Activities (PCAs), which are discussed in Section 6.3, were identified in reviewing the City Directory Search. These search results were generally consistent with other sources.

## 4.0 INTERVIEWS

McIntosh Perry personnel conducted an interview to obtain information about the subject property pertaining to items of actual and/or potential environmental concern. An interview was conducted with the current owner of the Site, Prem Sookdeo, in person on April 19, 2017. The interview was conducted using a standard set of questions. The completed interview log sheet is included in Appendix G.

Table 5: Interview Summary

Potential Item of Concern	Interview Comments (Any knowledge of the following?)
Accidents/Spills	None on-site
Previous Use of Site	Residential since at least 1980
Adjacent Properties	Residential, commercial/garage across street
Fuel Handling/Storage	None (always a gas furnace)
Maintenance/ Operational Areas	None
Hazardous Materials Storage	Household materials only (propane, etc.)
Salt Storage	None
Fuel Storage Tanks	None
Odours	None
Potable Water	Municipal
Septic and Wastewater Discharges	Municipal
Pesticides	None
Mould	No concerns
Heating and Cooling Systems	Natural gas heating / window AC (two units)
Major Mechanical Equipment	None
Waste Oils, Solvents, Batteries	None
PCBs	None
Asbestos	None
Lead Paint	None
ODS	Refrigerator, two window AC units, refrigerant refill station
Electromagnetic Radiation	None
UFFI	None
Mercury	None
Radon Gas	None/not tested
Soil and Groundwater Conditions	Currently being tested (will get copy of report from 22 Hawthorne Avenue land owner) – no concerns elsewhere
Wells	None
Waste Disposal and Recycling	Residential pickup
Fill Material	None
Floor drains	None
Other	N/A



Please Note: Statements made by the interviewee were not made categorically and are limited by their personal knowledge of, and experience with, the Site. The significance of environmental concerns that have been identified by other methods was not reduced based on the interview statements.

## 5.0 SITE RECONNAISSANCE

The objectives of the Site reconnaissance were as follows:

- To identify Areas of Potential Environmental Concern (APECs) associated with current and past uses of the Site;
- To identify Potentially Contaminating Activities (PCAs) on, in or under the Site;
- To identify, as practicable, current and past uses and activities and PCAs in the Phase One Study Area;
- To identify details of potential contaminant pathways on, in or under the Site, as well as APECs and contaminants of potential concern.

McIntosh Perry had open and ready access to the entire Site during the site visits. No access restrictions were encountered that would have limited the extent of the inspection.

### 5.1 General Requirements

McIntosh Perry conducted the site reconnaissance on April 19, 2017 (from 11:45 hr to 13:45 hr). At this time Jordan Bowman of McIntosh Perry inspected all of the interior and exterior areas of the Site and observed all other properties in the Phase One ESA Study Area.

#### 5.1.1 Qualifications of the Assessors

Field assessment for this report was undertaken by Jordan Bowman, B.Sc. of McIntosh Perry. Mr. Bowman has conducted Phase One ESAs during the past several years. Most of these assessments have been conducted at commercial properties.

Senior Review was carried out by Dan Arnott, P.Eng., of McIntosh Perry Consulting Engineers Ltd. Mr. Arnott is a registered Professional Engineer in Ontario and a Qualified Person (QP) under O.Reg. 153/04, as amended. At present, Mr. Arnott is a Geo-Environmental Engineer with the Environmental Science and Engineering division of McIntosh Perry. Over the past 10 years, he has conducted and reviewed numerous Phase 1 and 2 ESAs for corporations, individuals, and government agencies.

McIntosh Perry is licensed to practice engineering and geoscience in the Province of Ontario. McIntosh Perry holds Certificates of Authorization with the Professional Engineers of Ontario (PEO) and the Association of Professional Geoscientists of Ontario (APGO) and is a full member of the Consulting Engineers of Ontario (CEO).

#### 5.1.2 Weather Conditions at Time of Inspection

Weather conditions at the time of the exterior site visit were overcast and raining, with temperatures around 7-10°C.

### *5.1.3 Property Occupancy/Use Status at time of Inspections*

The Site currently consists of a single family residential dwelling and detached shed/garage. The property was not occupied at the time of inspection, and much of the interior furnishings had been removed. There is a small asphalt driveway along the west side of the house.

### *5.1.4 Site Photographs*

Photographs of the interior and exterior portions of the Phase One ESA property are included in Appendix H. A brief description is included with each photograph, including location and orientation.

## **5.2 Specific Observations at the Phase One ESA Property**

### *5.2.1 Structures and Other Improvements*

The following structures are present at the Site:

- Single family residential dwelling (house)
- Shed/garage
- Closed pen for waste/scrap storage
- Asphalt driveway

### *5.2.2 Below Ground Structures*

Other than presumed service trenches, there are no known below ground structures on the Site.

### *5.2.3 Storage tanks*

There were no storage tanks observed on the subject property. There were no records of oil tanks on the subject property; however, given the observed age of the building, it is possible that it was heated with oil in the past, most likely stored in an interior above-ground storage tank. Based on the interview with the owner and evidence of environmental investigations observed on-site and the adjacent property to the southwest, an oil tank appears to have existed at 22 Hawthorne Avenue immediately adjacent to the Site at one time.

### *5.2.4 Potable and Non-Potable Water Sources*

The Site is supplied by municipal services.

### *5.2.5 Underground Service Trenches*

There are likely sanitary and storm sewers located on-site and in the area. Other underground utilities in the area include natural gas, water, electrical power, and communication lines. These services are normally installed in relatively small and shallow trenches (i.e. generally less than 1.5 m deep); if a shallow spill occurred at an adjacent property and entered the subsurface, there is the potential that service trenches could function as contaminant migration pathways. However, this could not be confirmed at the time of the Phase One ESA.

#### *5.2.6 Exit and Entry Points*

The exit and entry points to the Site and to the on-site building were inspected. No concerns were identified.

#### *5.2.7 Existing and Former Heating Systems*

The on-site residential dwelling is heated by a natural gas furnace located in the basement. No evidence of historical fuel or oil tanks was observed at the Site.

#### *5.2.8 Cooling Systems*

The on-site residential dwelling is cooled by two window air-conditioning units.

#### *5.2.9 Drains, Pits, and Sumps*

No drains, pits, or sumps were observed on-site.

#### *5.2.10 Unidentified Substances*

No unidentified substances were observed on-site.

#### *5.2.11 Stains and/or Corrosion Near Drains, Pits and Sumps*

No drains, pits, or sumps were observed on-site, however some staining was observed in the shed/garage and on the asphalt driveway.

#### *5.2.12 Well Details*

One well was observed on-site, near the southwest corner of the house, and two wells were observed near the property boundary between 22 and 24 Hawthorne Avenue. Nine additional monitoring wells were observed on 22 Hawthorne Avenue. No further information was available concerning these monitoring wells at the time of writing this report. However, it is our understanding that a Phase 2 ESA report is being completed for the adjacent property. It is recommended that McIntosh Perry be provided with this report, if possible, upon its completion.

#### *5.2.13 Details of Sewage Works*

None on-site; the area is supplied by municipal services.

#### *5.2.14 Ground Surface Details*

The ground surface at the Site that is not covered by the structures is either asphalt (driveway), covered in wood pallets/boards, or vegetated with grass and bushes trees.

#### *5.2.15 Current and Former Railway Lines*

The former Canadian National Railway line was located approximately 60-70 m north of the Site, at its closest point (current location of Highway 417).

#### *5.2.16 Staining to soil, vegetation, pavement*

Some apparent surface staining was observed in the shed/garage and the asphalt driveway. This staining is considered to have been associated with historic vehicle parking.

#### *5.2.17 Stressed Vegetation*

No signs of stressed vegetation were identified at the Site.

#### *5.2.18 Fill and Debris*

Some fill from the adjacent property (22 Hawthorne Avenue) was observed to have been placed onto the on-site driveway. A significant amount of wood and metal debris was observed in an outdoor, enclosed area immediately west of the shed/garage.

#### *5.2.19 Mould*

Mould or mould-like substances were observed in the basement and upper level of the residential dwelling. These areas appeared to have been impacted by water damage.

#### *5.2.20 Potentially Contaminating Activity*

No Potentially Contaminating Activities (PCAs) were observed at the Site. In the past, the shed/garage may have been used to store automotive repair equipment (i.e. refrigerant refill station and pressurized gas canister refill station); however this storage in itself does not constitute a PCA.

Various PCAs were observed within the Phase One study area. The majority of these PCAs are located a significant distance from the Site; however, the presence of monitoring wells on the Site and on the adjacent property (22 Hawthorne Avenue) indicates the potential for environmental impacts at the Site. Further discussion is provided below.

#### *5.2.21 Special Attention Items*

None observed.

### **5.3 Description of Investigations**

#### *5.3.1 Phase One ESA Property*

The interior and exterior inspection was conducted on April 19, 2017. Select photographs are included in Appendix H.

#### *5.3.2 Phase One ESA Study Area*

All properties located within 250 m of the subject Site boundaries were observed from publicly accessible locations on April 19, 2017. Select photographs are included in Appendix H.

## 6.0 REVIEW AND EVALUATION OF INFORMATION

The following sections provide a review, evaluation, and an interpretation of the information from the records review, interviews, and Site reconnaissance.

### 6.1 Current and Past Uses of the Phase One ESA Property

The following table summarizes the land use history of the subject Site:

Table 6: Current and Past Uses of the Phase One ESA Property

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1900-1940	Not Identified	Not Identified	Not Identified	-
1940-1969	Not Identified	Single Tenant Residential	Residential	Aerial photograph from 1958 is similar to current conditions
1974	Not Identified	No Return	Not Identified	Aerial photograph from 1976 is similar to current conditions
1979	Not Identified	Single Tenant Residential	Residential	
1984	Not Identified	Vacant	Residential	Aerial photograph from 1991 is similar to current conditions
1988	Not Identified	Single Tenant Residential	Residential	
1995	Not Identified	Not Identified	Not Identified	Aerial photograph from 1999 is similar to current conditions
2000-2007	Prem Sookdeo	Single Tenant Residential	Residential	
2011	Paradigm Development Mini U-Store-It	Not Identified	Not Identified	Aerial photographs from 2011 and 2014 are similar to current conditions

## 6.2 Potentially Contaminating Activity

No potentially contaminating activities (PCAs) were identified on, in, or under the Phase One ESA property (i.e. the Site).

The Phase One ESA identified the following PCAs in the Study Area, listed in Table 5, below.

Table 7: Potentially Contaminating Activities (PCAs) in Phase One ESA Study Area

Address	PCA (business name(s), activity, incident, etc.)	Details
60 Main St	Sun Oil Co Ltd. Bowden Fred A Service Station Clarey Walter Service Station Henderson Dave J Service Station Fred's BP Service Station	60 Main St has historical landuse which includes automobile service and potential bulk fuel storage.  Potentially contaminating activity at this property appears to have ceased in 1965.  69 m east of the Site
25 Hawthorne Ave	Hawthorne Motors/Morrison Taxi Service Aldion Motors Pretoria Body and Paint Shop Dan Robitaille Body Shop Redshaw British Auto Care	25 Hawthorne Ave currently, and has historically housed landuse which includes automobile service and repairs.  Redshaw British Auto Care currently operates at this property.  17 m north of the Site
163 Echo Dr	Canus Equipment Ltd. Attica Auto Care	163 Echo Dr has historical landuse which includes plastics manufacturing and automobile service and repairs.  Potentially contaminating activity at this property appears to have ceased no later than 2001.  117 m north of the Site
62 Main St	Spic and Span Cleaners	62 Main St has historical landuse which includes cleaning operations.  Potentially contaminating activity at this property appears to have ceased no later than 1969.  114 m east of the Site

Address	PCA (business name(s), activity, incident, etc.)	Details
99 Main St	Smith R and Associate Printers Ltd. Harmony Woodcrafts	99 Main St has historical landuse which includes printing operations. Potentially contaminating activity at this property appears to have ceased at some time between 1979 to 1984.  160 m southeast of the Site
89 Main St	Betty Brite Cleaners Main Cleaners	89 Main St currently houses of a cleaning operation. Main Cleaners currently operates at this property.  156 m east of the Site
123 Main St	Mike Galazka Service Centre	123 Main St currently houses an automobile service and repair shop. Mike Galazka Service Centre currently operates at this property.  228 m southeast of the Site
29 Main St	R M Fedorchuk Ltd. Shell Canada Products Ltd.	29 Main St is noted as having thirteen TSSA Expired Facility records for various tanks and associated piping at a full service gas station, registered to R M Fedorchuk Ltd. In 1994 an underground waste oil tank leak was detected. This was deemed to be the responsibility of Shell Canada Products Ltd.  214 m northeast of the Site
22 Hawthorne Ave	Fuel oil leak	200 L of fuel oil was leaked from an above-ground oil storage tank on November 18, 2016. It appears that subsurface investigations of soil and groundwater are currently ongoing at 22 Hawthorne Ave.  Adjacent/0 m from the Site

Note: the above listed items are referenced on Figure 6.

Based on the nature of the fuel oil spill at 22 Hawthorne Avenue, this adjacent property currently creates an area of potential environmental concern (APEC) on the Site. All other PCAs are not considered to pose a



significant environmental risk to the Site, based on their proximity, and/or cross-gradient location with respect to the Site.

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

The Phase One ESA identified the following on-site APEC, listed in Table 6, below.

Table 8: Areas of Potential Environmental Concern (APEC)

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil, or Sediment)
Potential hydrocarbon impacts to soil and/or groundwater under Site	Disseminating from southwest portion of Site, near asphalt driveway	PHCs BTEX	Soil Groundwater

The above-noted APEC is indicated on Figure 6. It was noted that during the Phase One ESA Site Inspection, McIntosh Perry observed approximately eleven monitoring wells and evidence of soil investigations at 22 Hawthorne Avenue. Given TC United's relationship with the owner of 22 Hawthorne Ave, McIntosh Perry has requested that TC United obtain a copy of a Phase 2 ESA, for the observed adjacent site investigations.

### 6.4 Phase One Conceptual Site Model

The Phase One Conceptual Site Model is based on information presented in the following Figures:

- Figure 2 shows on-site and adjacent structures;
- Figure 3 shows all other buildings and structures in the Phase One ESA Study Area;
- Figure 5 shows drainage features in the local area;
- Figure 3 shows the names of all roads in the Phase One ESA Study Area;
- Figure 4 shows land use of properties adjacent to the Site; and
- Figure 6 shows areas where potentially contaminating activities (PCAs) have occurred, as well as areas of potential environmental concern (APEC) and potential contaminants of concern.

There are no areas of natural significance in the Phase One ESA study area, and there are no drinking water wells or above-ground storage tanks on the Site. After a thorough inspection of fire insurance plans (Appendix D) and discussions with the owner of the Site, it would appear that on-site heating has consisted of natural gas; there are no records to indicate the historical present of fuel oil tanks at the Site.

The potential for underground service trenches to function as contaminant migration pathways could not be assessed at the time of the Phase One ESA; it is expected that when the Site is redeveloped, service connections will be thoroughly inspected and possibly upgraded.

Available topographic, surface drainage and hydrogeological information suggests that the direction of shallow groundwater flow is to the west.

## 7.0 CONCLUSIONS

No potentially contaminating activities (PCAs) were identified on, in, or under the Phase One ESA property. There were nine current or historical PCAs noted in the Phase One ESA Study Area, as summarized in Table 5, above. Of these PCAs, the 2016 leakage of 200 L of fuel oil from an above ground storage tank at 22 Hawthorne Avenue (adjacent to Site) is considered to have created an area of potential environmental concern (APEC) on the Site. All other PCAs are not considered to pose a significant environmental risk to the Site, based on their proximity and/or cross-gradient location with respect to the Site.

### 7.1 Is a Phase 2 ESA Required?

Based on the on-site APEC as a result of the 2016 leakage of 200 L of fuel oil from an above ground storage tank at 22 Hawthorne Avenue (adjacent to Site), McIntosh Perry recommends that,

- A scoped Phase 2 ESA be carried out to assess the condition of soil and groundwater along the southwestern property line; or
- A copy of any existing Phase 2 ESA completed for 22 Hawthorne Avenue be obtained, reviewed by a qualified third party, and be relied upon in the form of a reliance letter written by the author of the original Phase 2 ESA report.

Given that long-term redevelopment plans for the Site are being developed, it is McIntosh Perry's opinion that a Phase 2 ESA be carried out, or that a copy of an existing Phase 2 ESA be reviewed and legally relied upon as soon as possible. *It is recommended that the closure date of the sale of the property be suspended until the environmental condition of the site can be confirmed.*

It is our understanding that a Record of Site Condition will not be undertaken at this time.

## 8.0 LIMITATIONS

This report has been prepared, and the work referred to in this report has been undertaken by, McIntosh Perry Consulting Engineers Ltd. for "TC United Group". It is intended for the sole, and exclusive use of TC United Group, any affiliated companies and partners and their respective financial institutions, insurers, agents, employees and advisors (collectively, 'TC United Group'). The report may not be relied upon by any other person or entity without the express written consent of McIntosh Perry Consulting Engineers Ltd. (in the form of a *Reliance Letter*).

Any use which a third party makes of this report, or any reliance on decisions made based on it, without a *Reliance Letter* are the responsibility of such third parties. McIntosh Perry Consulting Engineers Ltd. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

Some of the information presented in this report was provided through maps, air photographs, and interviews. Although attempts were made, whenever possible, to obtain a minimum of two confirmatory sources of information, McIntosh Perry Consulting Engineers Ltd., in certain instances, has been required to assume that the information provided is accurate.

The conclusions presented represent the best professional judgment of the assessor based on current environmental standards and on the site conditions observed during the site inspections on April 19, 2017. Due to the nature of the investigation and the limited data available, the assessor cannot warrant against undiscovered environmental liabilities.

Should additional information become available, McIntosh Perry Consulting Engineers Ltd. requests that this information be brought to our attention so that we may be afforded the opportunity to re-assess the conclusions presented herein.

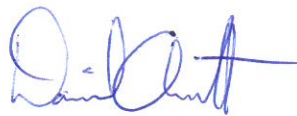
We trust that this information is satisfactory for your present requirements. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

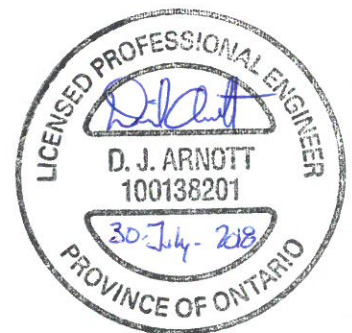
McIntosh Perry Consulting Engineers Ltd.



Jordan Bowman, B.Sc.  
Environmental Scientist



Daniel J. Arnott, P.Eng., QP<sub>ESA</sub>  
Geo-Environmental Engineer



## 9.0 REFERENCES

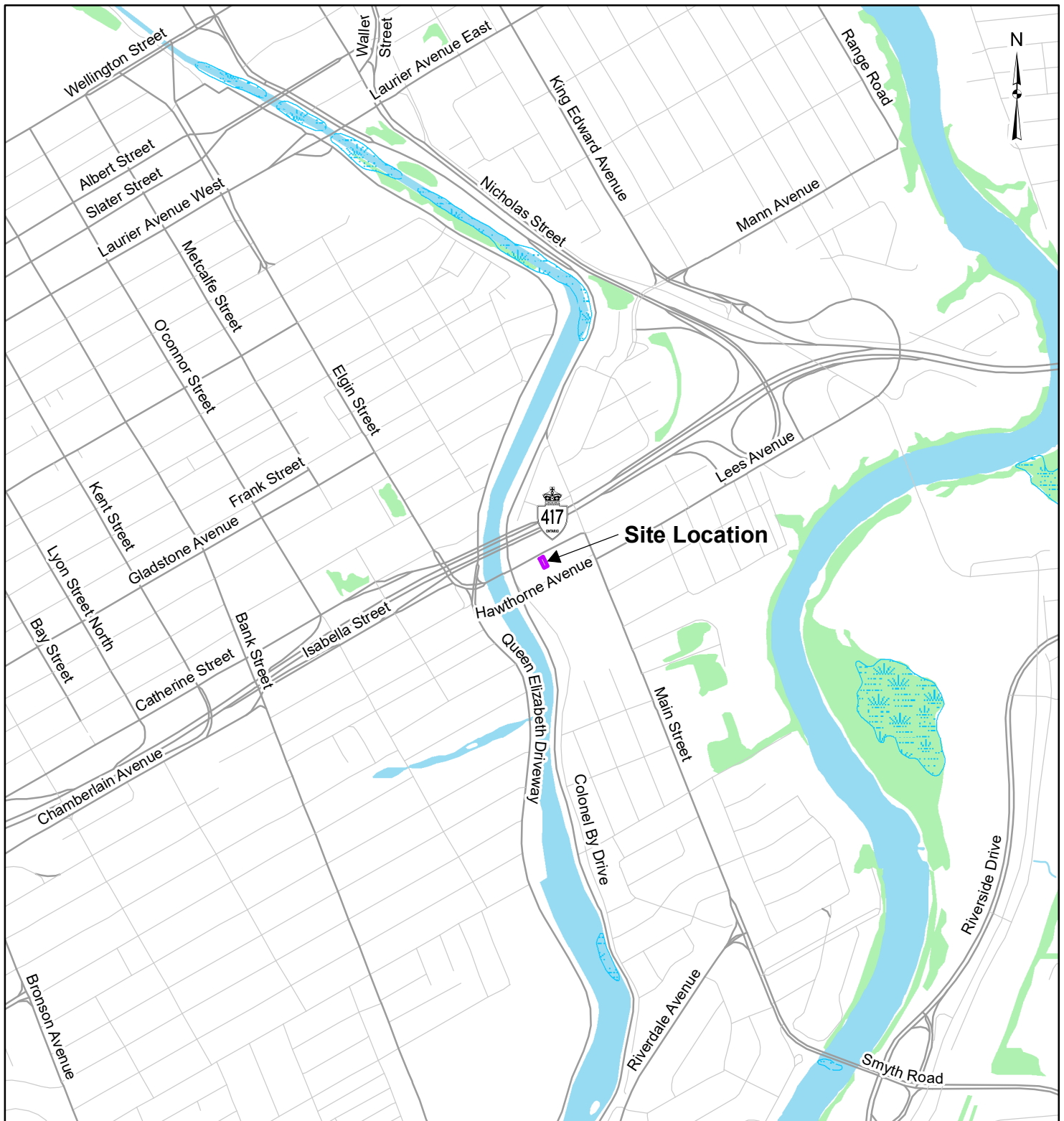
Canadian Standards Association (CSA), Z768-01: Phase I Environmental Site Assessment, CSA International, Toronto, 2001 (Updated 2003, Reaffirmed 2012).

EcoLog ERIS, 2014. Site 0.25 km Search Report Results.

Ontario Ministry of Environment (MOE), Ontario Regulation (O.Reg.) 153/04; Records of Site Condition – Part XV.1 of the Act (i.e. The Environmental Protection Act), as amended.

Ontario Geological Survey (OGS) – Google Earth™ (website: [http://www.mndmf.gov.on.ca/mines/ogs\\_earth\\_e.asp](http://www.mndmf.gov.on.ca/mines/ogs_earth_e.asp)).

## FIGURES

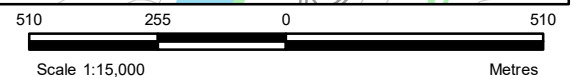


#### LEGEND

- Approximate Property Boundary
- Local Road
- Major Road
- Wooded Area
- Watercourse
- Waterbody
- Unevaluated Wetland

#### REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2017.



CLIENT:		TC UNITED GROUP	
PROJECT:		PHASE ONE ESA 24 HAWTHORNE AVE	
TITLE:		SITE LOCATION	
<b>McINTOSH PERRY</b> <small>115 Walgreen Road, RR3, Carp, ON K0A1L0  Tel: 613-836-2184 Fax: 613-836-3742  www.mcintoshperry.com</small>		PROJECT NO: CP-17-0197	FIGURE:
		Date	Apr., 25, 2017
		GIS	JD
		Checked By	JB
		1	



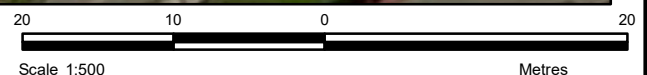


#### LEGEND

Approximate Property Boundary

#### REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2017.



CLIENT:		TC UNITED GROUP	
PROJECT:		PHASE ONE ESA 24 HAWTHORNE AVE	
TITLE:		SITE LAYOUT	
<b>McINTOSH PERRY</b> <small>115 Walgreen Road, RR3, Carp, ON K0A1L0  Tel: 613-836-2184 Fax: 613-836-3742  www.mcintoshperry.com</small>		PROJECT NO: CP-17-0197	FIGURE:
		Date	Apr., 25, 2017
		GIS	JD
		Checked By	JB
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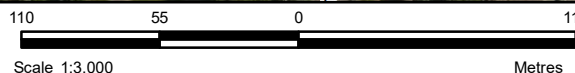
© 2017 DigitalGlobe Image courtesy of USGS Earthstar Geographics SIO © 2017 Microsoft Corporation

#### LEGEND

- Approximate Property Boundary
- 250m Buffer
- Property Parcel

#### REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2017.



Scale 1:3,000

Metres

CLIENT:

TC UNITED GROUP

PROJECT:

PHASE ONE ESA  
24 HAWTHORNE AVE

TITLE:

STUDY AREA AND  
SURROUNDING PROPERTIES

**McINTOSH PERRY**

115 Walgreen Road, RR3, Carp, ON K0A1L0  
Tel: 613-836-2184 Fax: 613-836-3742  
www.mcintoshperry.com

PROJECT NO: CP-17-0197

FIGURE:

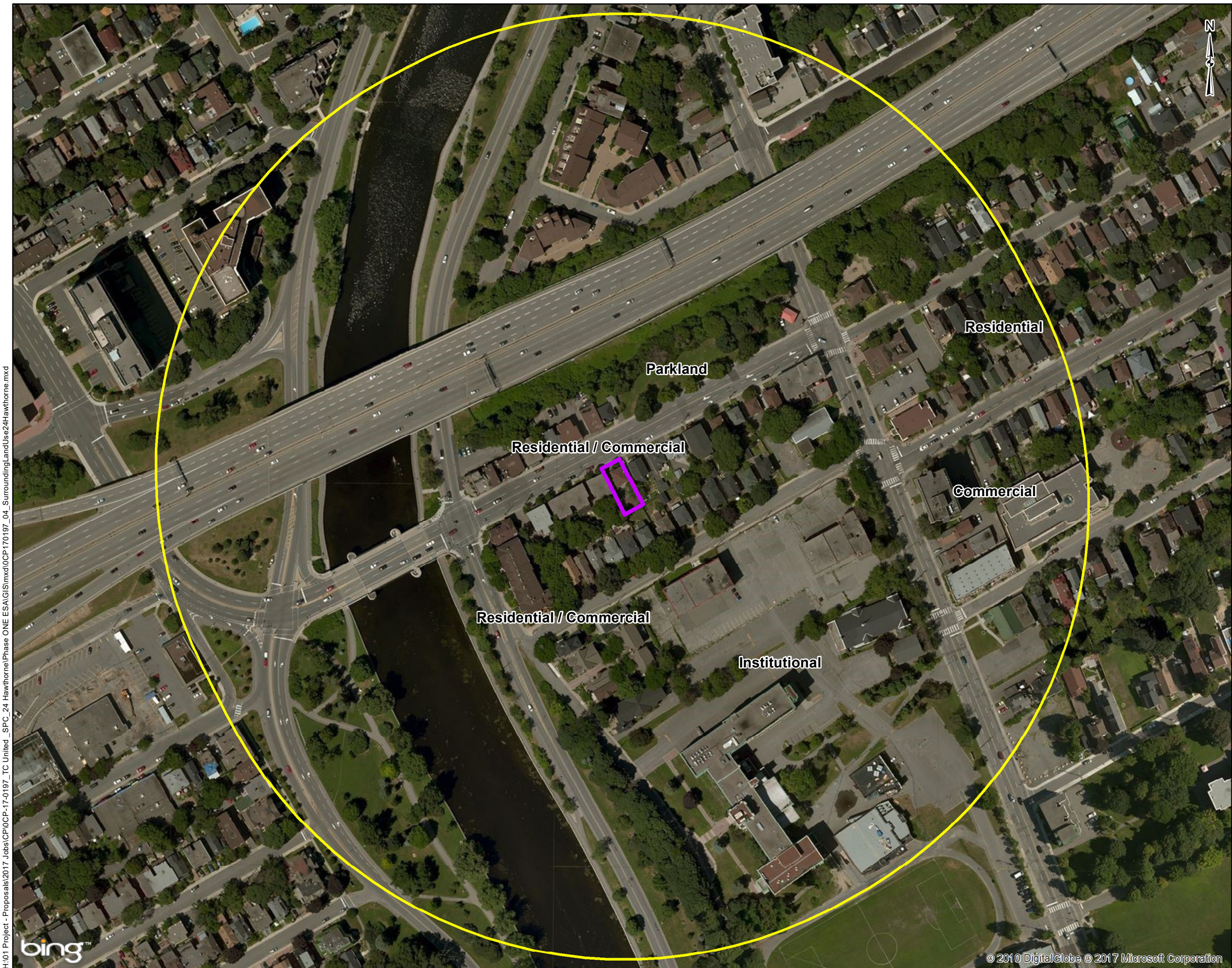
Date Apr., 25, 2017

GIS JD


Checked By JB


**3**





LEGEND

 Approximate Property Boundary

 250m Buffer


REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2017.

Scale 1:2,100

80 40 0 80 Metres

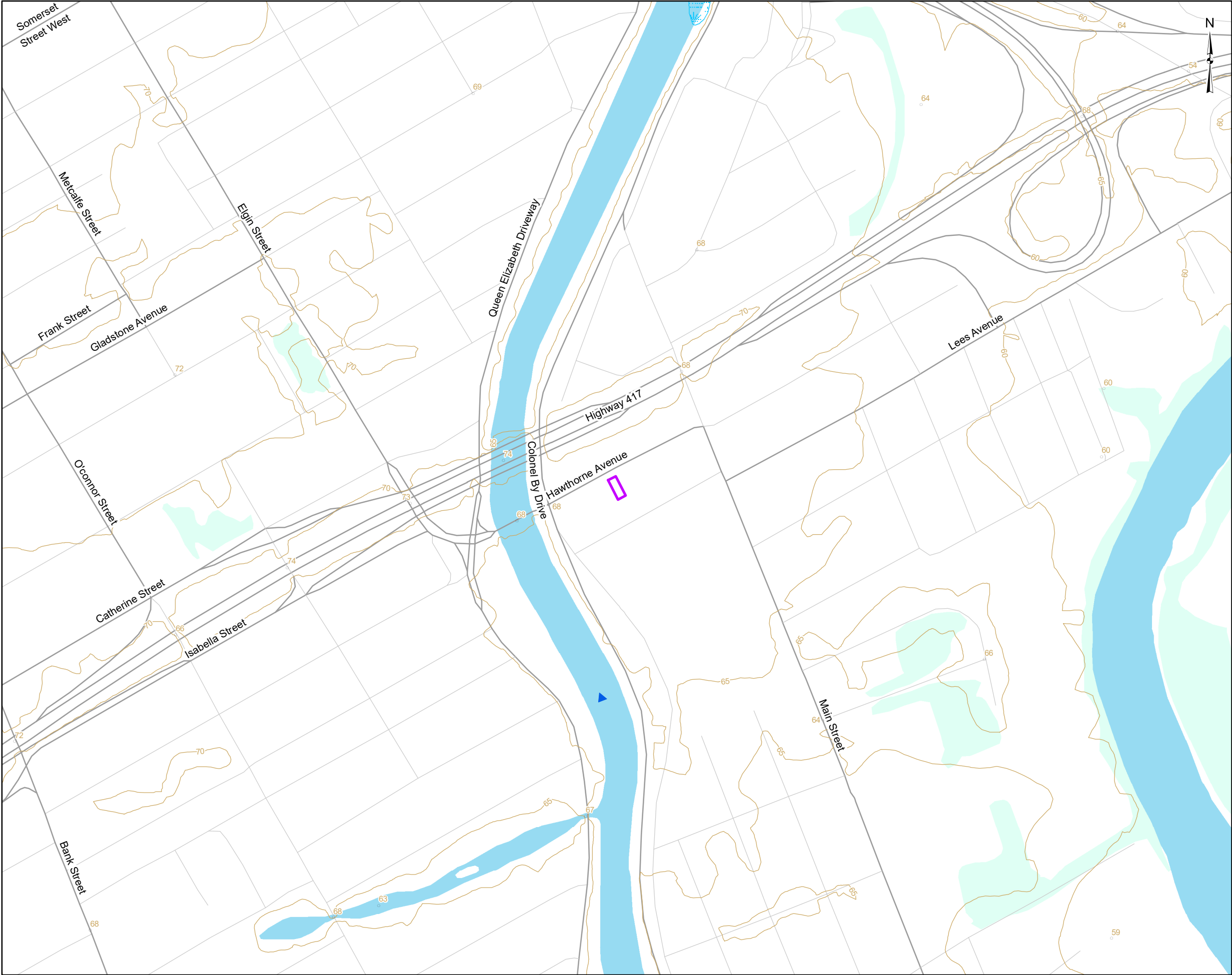
CLIENT:	TC UNITED GROUP	
PROJECT:	PHASE ONE ESA 24 HAWTHORNE AVE	
TITLE:	SURROUNDING LAND USE	

 115 Walgreen Road, RR3, Carp, ON K0A1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com	PROJECT NO: CP-17-0197	FIGURE:
	Date	Apr., 25, 2017
	GIS	JD
	Checked By	MC

4



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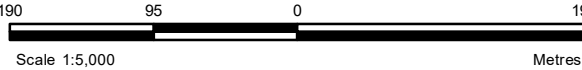


LEGEND

- Approximate Property Boundary
- Spot Height (masl)
- Contour (masl)
- Local Road
- Major Road
- Watercourse
- Waterbody
- Unevaluated Wetland
- Provincially Significant Wetland
- Wooded Area

REFERENCE

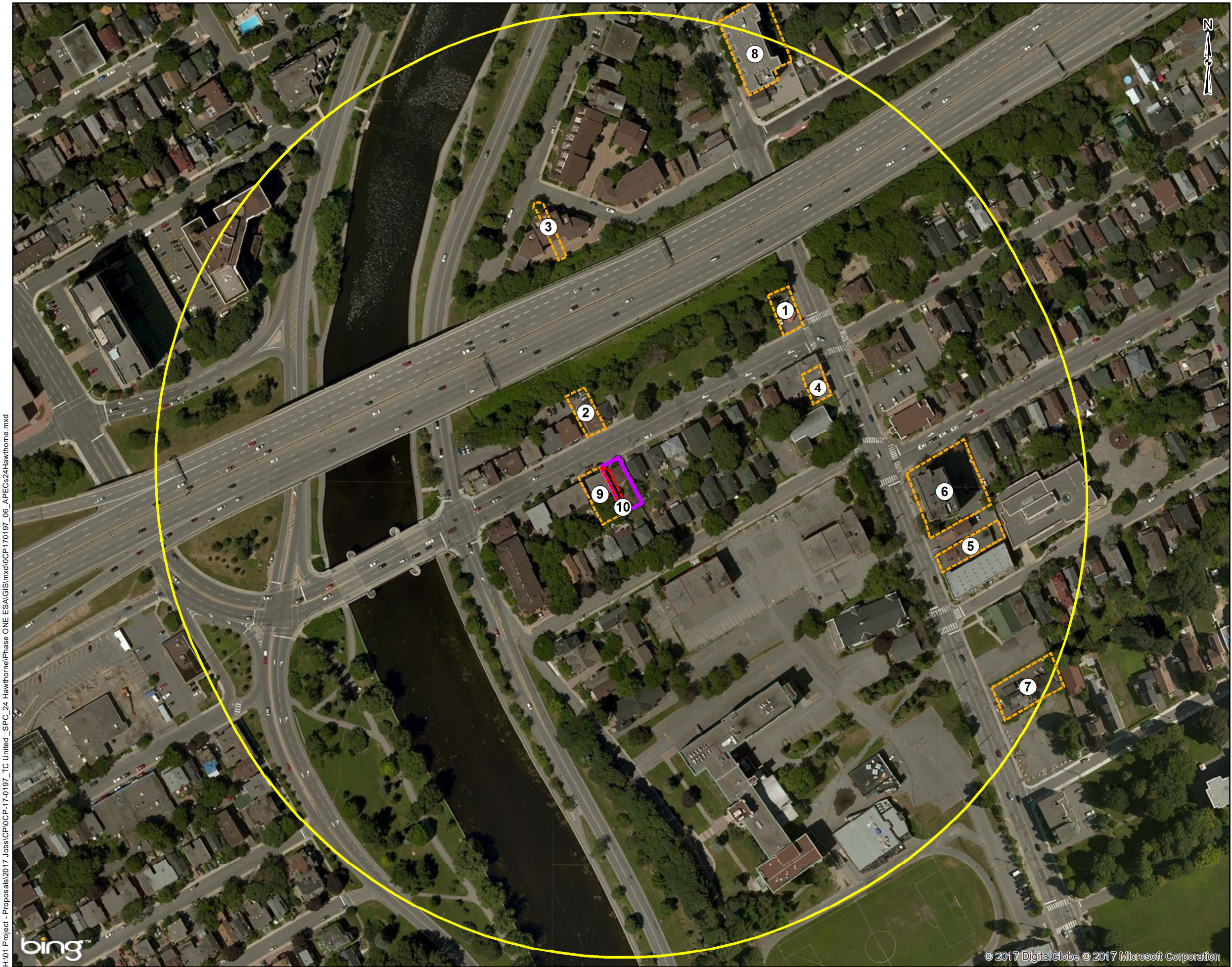
GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2017.



CLIENT:	TC UNITED GROUP	
PROJECT:	PHASE ONE ESA 24 HAWTHORNE AVE	
TITLE:	DRAINAGE AND TOPOGRAPHY	
McINTOSH PERRY 115 Walgreen Road, RR3, Carp, ON K0A1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com	PROJECT NO: CP-17-0197	FIGURE:
	Date	Apr., 25, 2017
	GIS	JD
	Checked By	MC
		5



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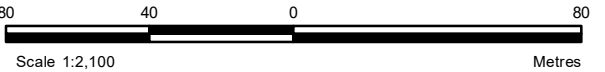
LEGEND

- Area of Potential Environmental Concern (APEC)
- Potentially Contaminating Activity (PCA)
- Property Boundary
- 250m Buffer
- Property Parcel

- 1** 60 Main Street  
PCA - Service Station (circa 1965)
- 2** 25 Hawthorne Avenue  
PCA - Automobile Garage
- 3** 163 Echo Drive  
PCA - Automobile Garage (circa 2001)
- 4** 62 Main Street  
PCA - Cleaning Operation (circa 1969)
- 5** 99 Main Street  
PCA - Printing Operation (circa 1979-1984)
- 6** 89 Main Street  
PCA - Cleaning Operation
- 7** 123 Main Street  
PCA - Automobile Garage
- 8** 29 Main Street  
PCA - Service Station
- 9** 22 Hawthorn Avenue  
PCA - Fuel Oil Leak (2016)
- 10** 24 Hawthorn Avenue  
APEC - Fuel Oil Leak (2016)

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2017.



CLIENT:	MYERS AUTOMOTIVE GROUP		
PROJECT:	PHASE ONE ESA 2113-2125 CARP ROAD		
TITLE:	PCA'S AND APEC'S		
 115 Walgreen Road, RR3, Carp, ON K0A1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com	PROJECT NO:	CP-17-0160	FIGURE:
	Date	Apr., 25, 2017	6
	GIS	JD	
	Checked By	MC	



## APPENDIX A AERIAL PHOTOGRAPHS





1928





A306860



1938



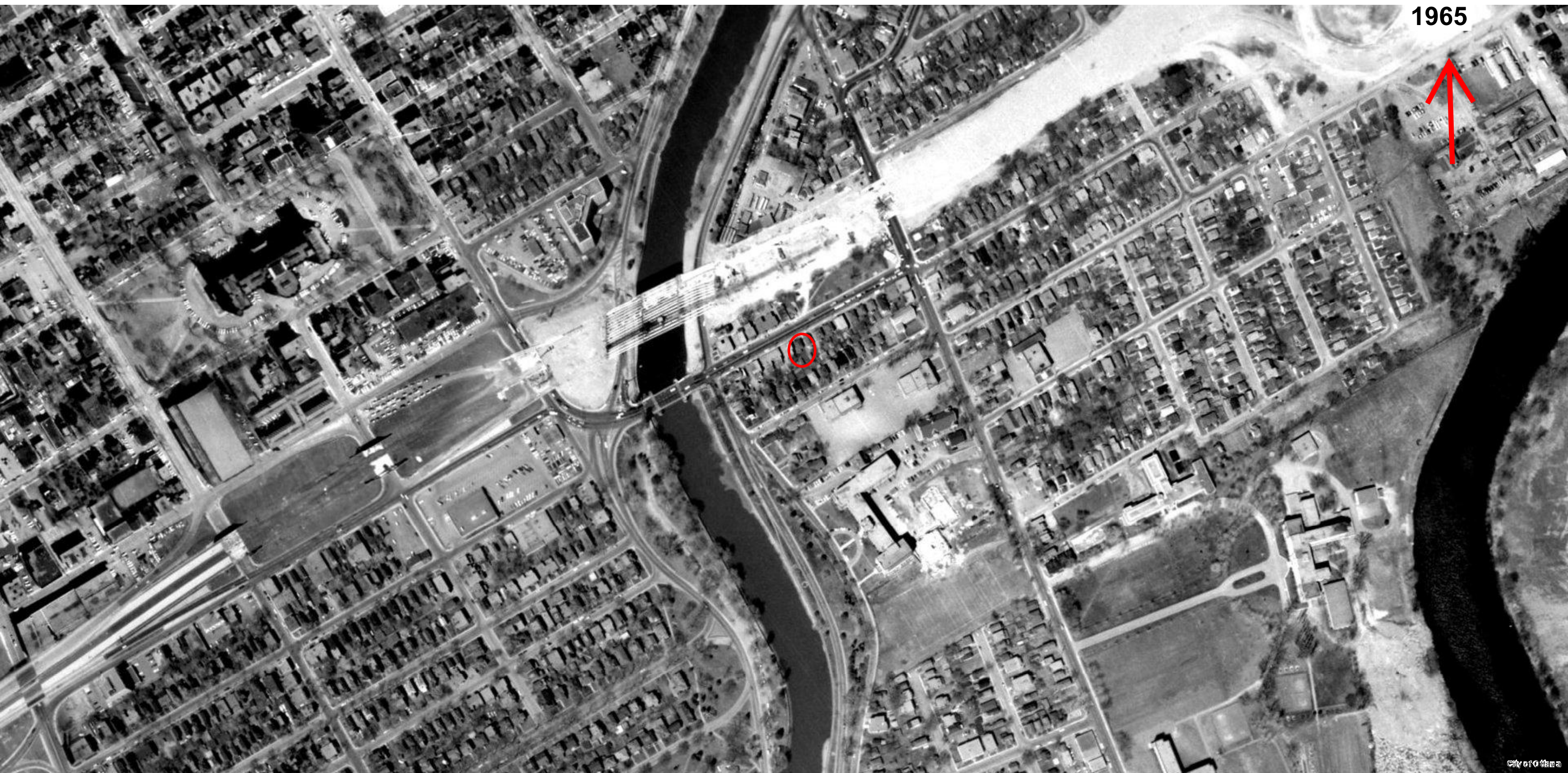
H6352-36





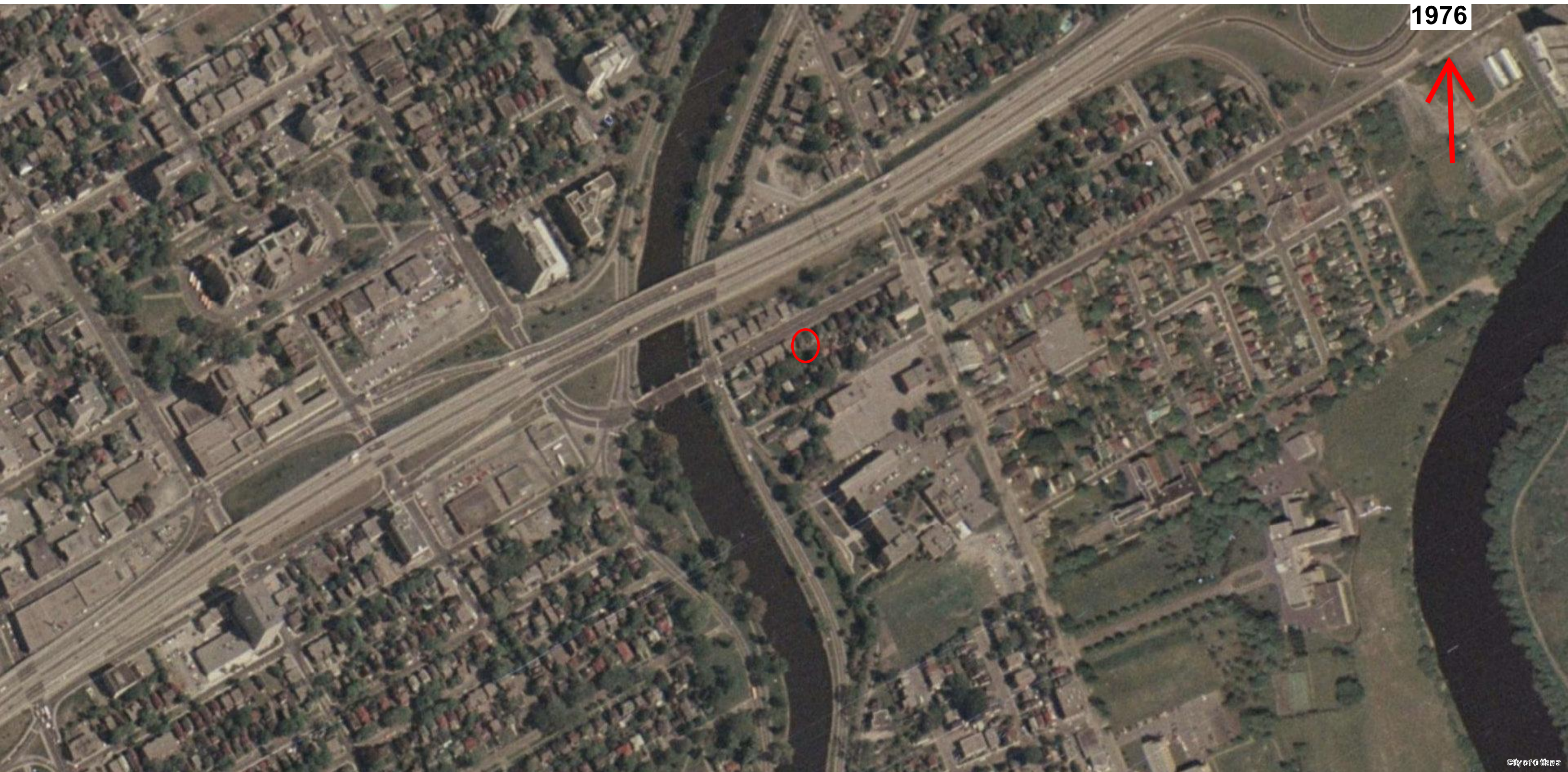
1958





1965





1976





1991





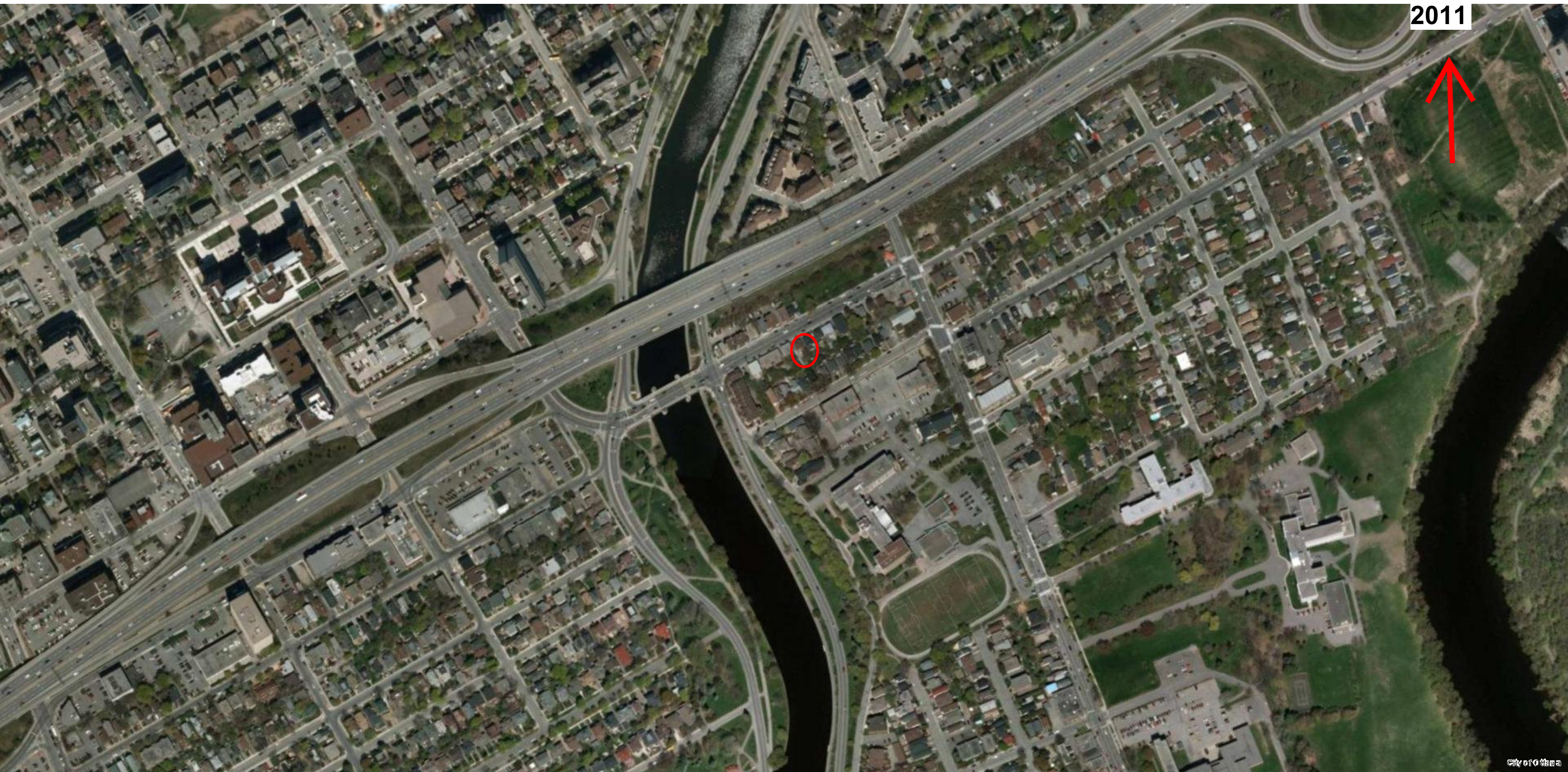
1999





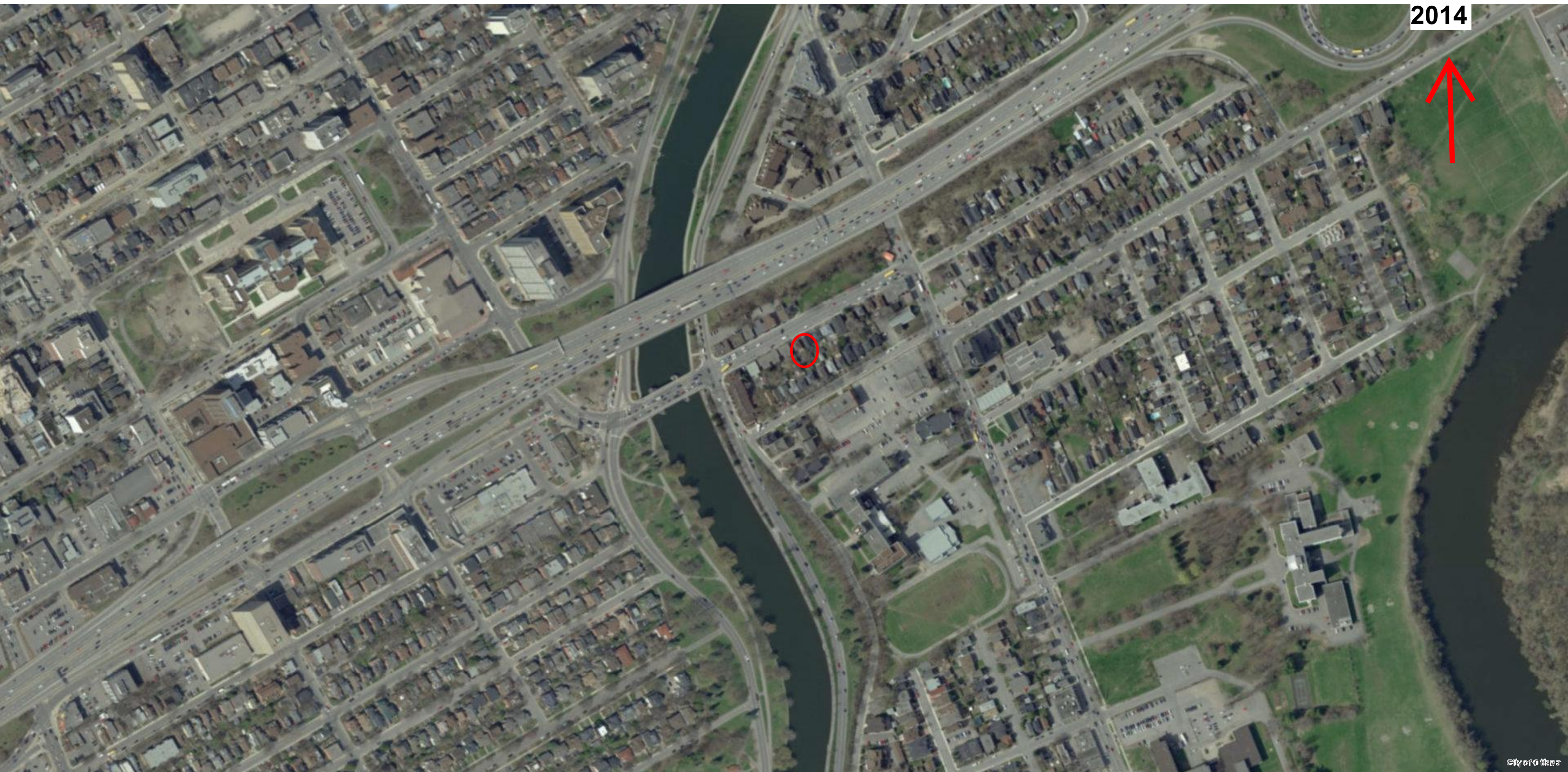
2005





2011





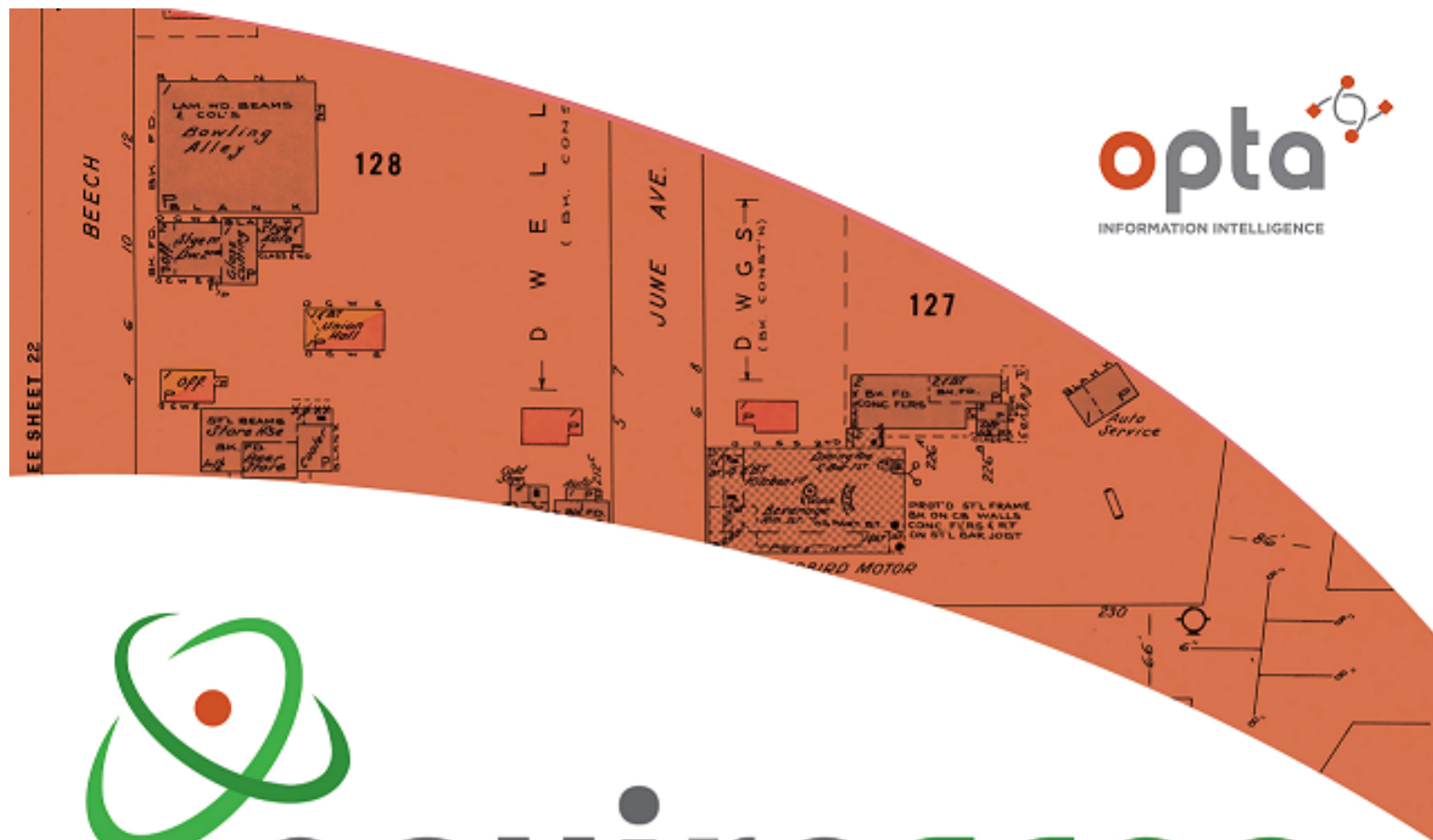
2014



## APPENDIX B

### FIRE INSURANCE PLANS





# **enviroscan**



An SCM Company

175 Commerce Valley Drive W  
Markham, Ontario L3T 7Z3

T: 905-882-6300  
W: [www.optaintel.ca](http://www.optaintel.ca)

Report Completed By:

**Anthony**

Site Address:

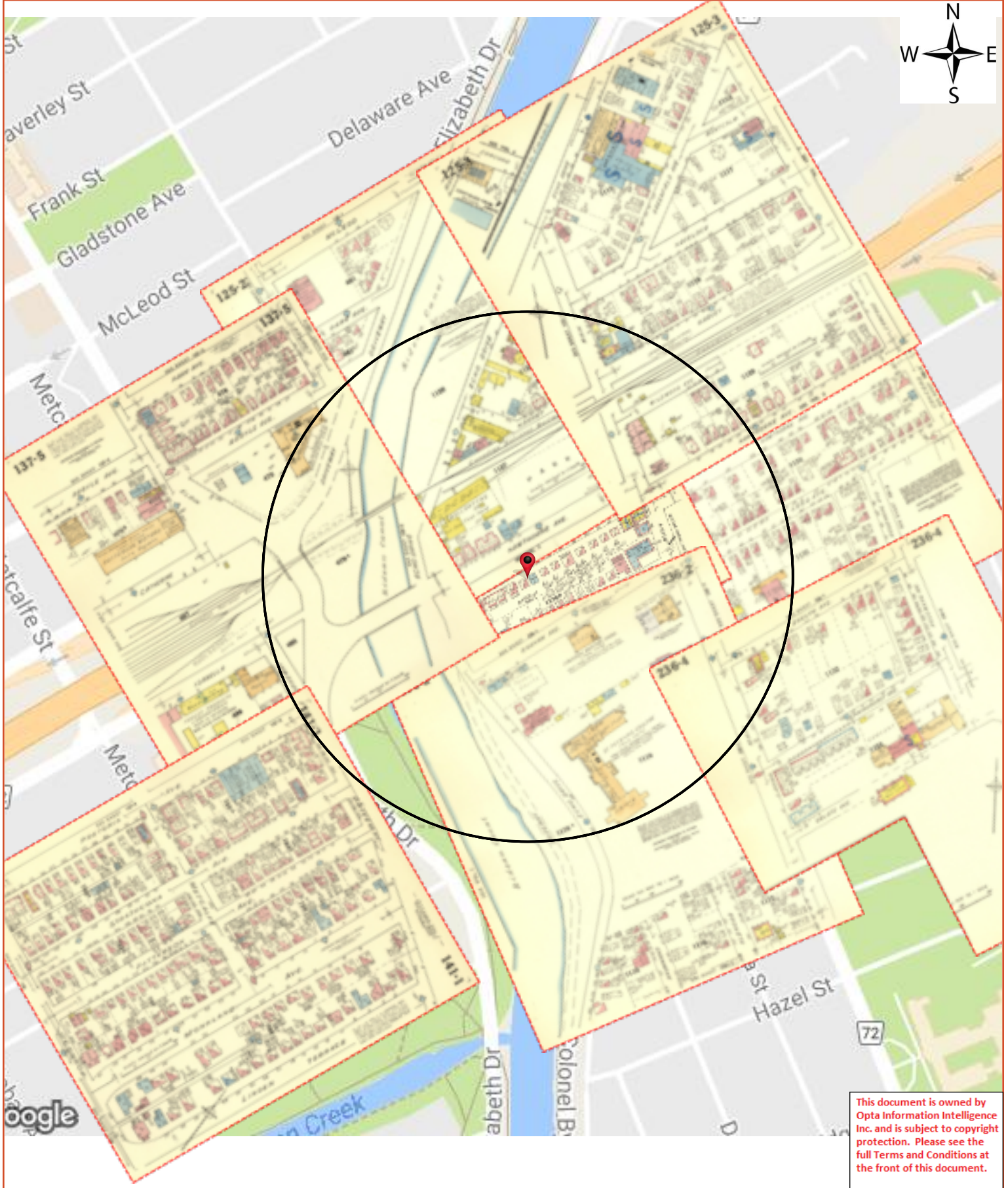
24 Hawthorne Avenue Ottawa On  
Project No:

20170410149  
Opta Order ID:

35177

Requested by:  
Eleanor Goolab  
Ecolog ERIS

Date Completed:  
4/18/2017 9:16:07 AM





## **Opta Historical Environmental Services Enviroscan<sup>TM</sup> Terms and Conditions**

### **Report**

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

### **Disclaimer**

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

### **Entire Agreement**

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

### **Governing Document**

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

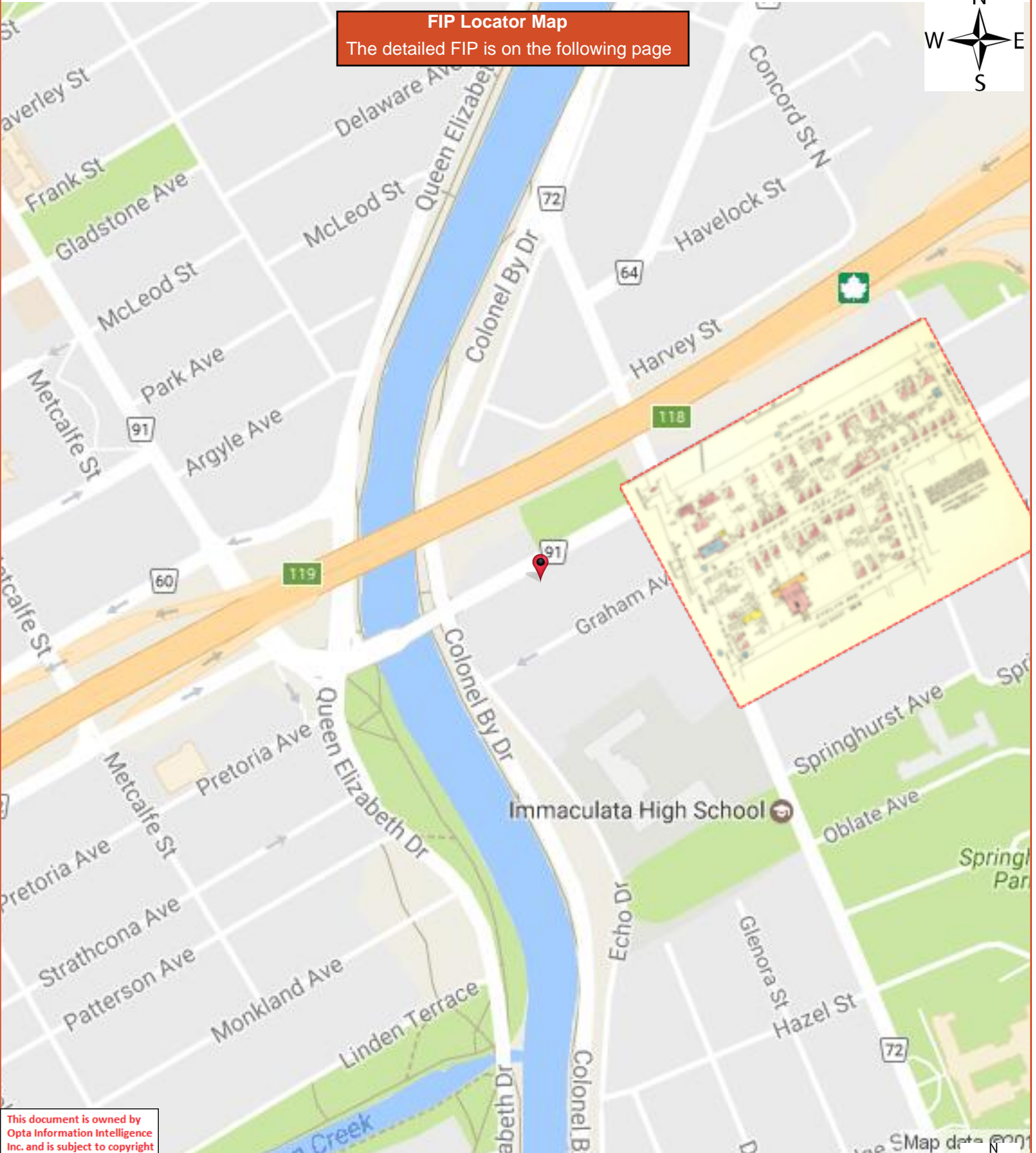
### **Law**

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

**Page      Report Title**

6	(1958) Volume: Ottawa Volume 2 Firemap: 236-1
8	(1958) Volume: Ottawa Volume 2 Firemap: 236-1
10	(1958) Volume: Ottawa Volume 2 Firemap: 236-2
12	(1958) Volume: Ottawa Volume 2 Firemap: 236-4
14	(1963) Volume: Ottawa Volume 1 Firemap: 125-2
16	(1963) Volume: Ottawa Volume 1 Firemap: 125-3
18	(1963) Volume: Ottawa Volume 1 Firemap: 137-5
20	(1963) Volume: Ottawa Volume 1 Firemap: 141-1

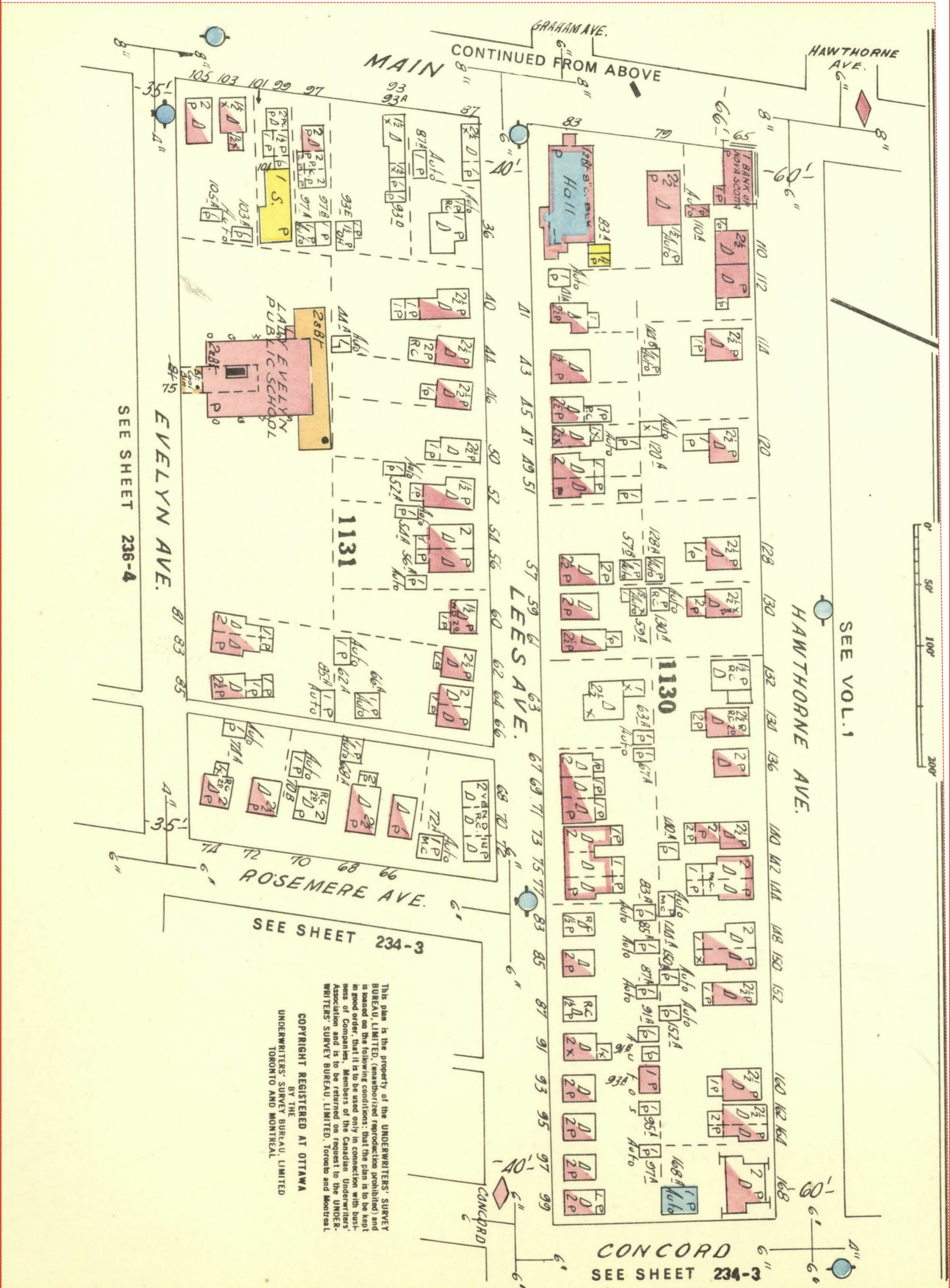




This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the full Terms and Conditions at the front of this document.







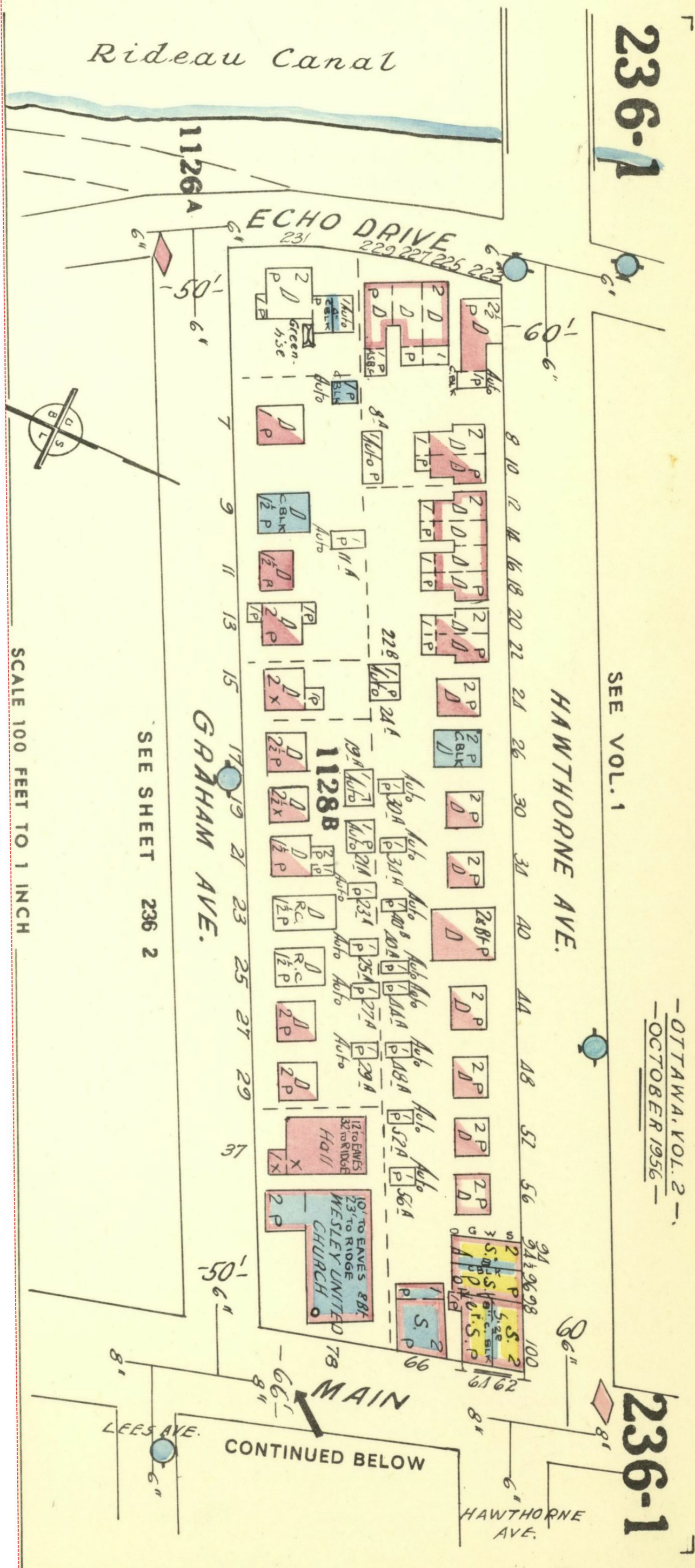


FIP Locator Map

The detailed FIP is on the following page



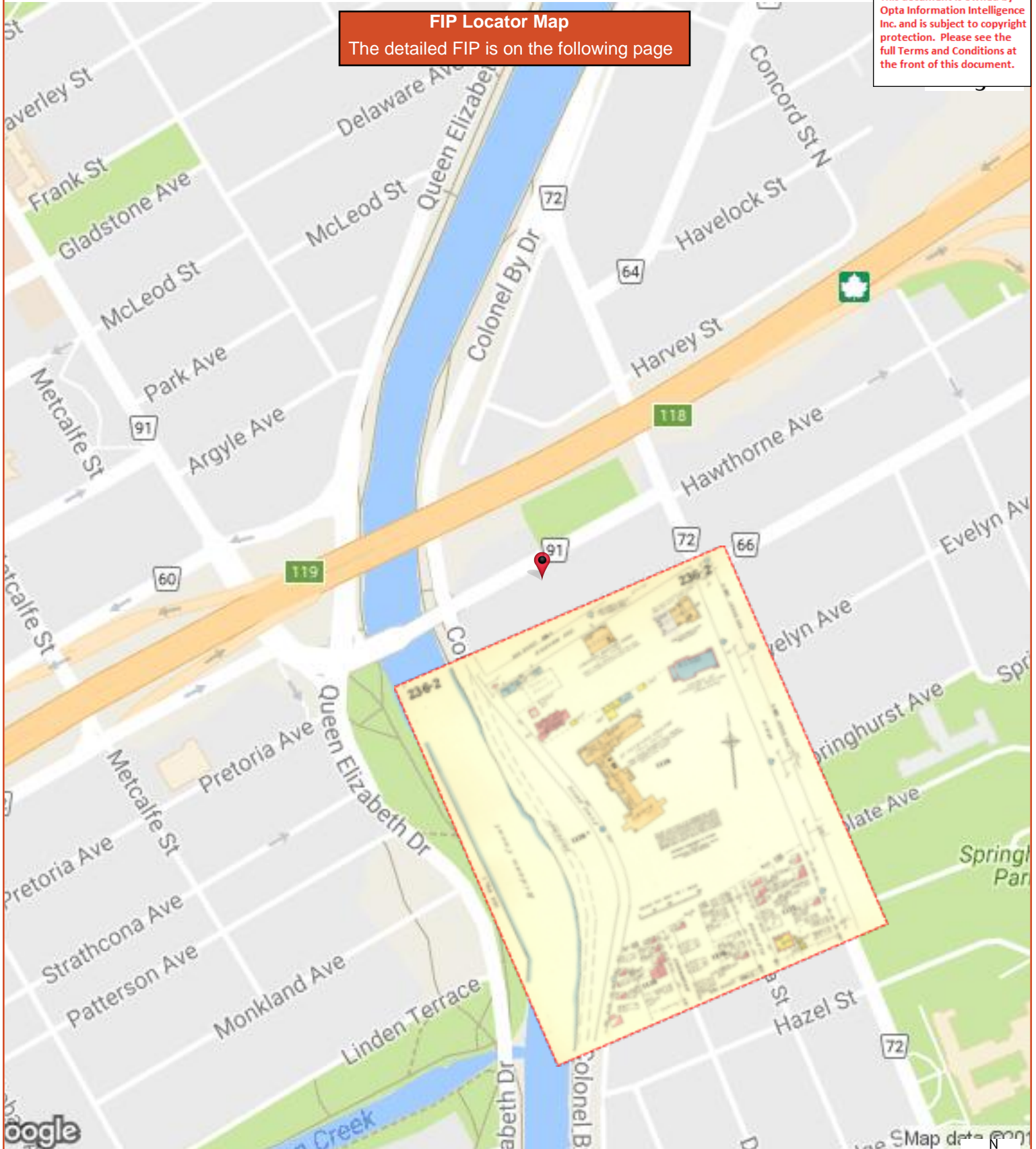




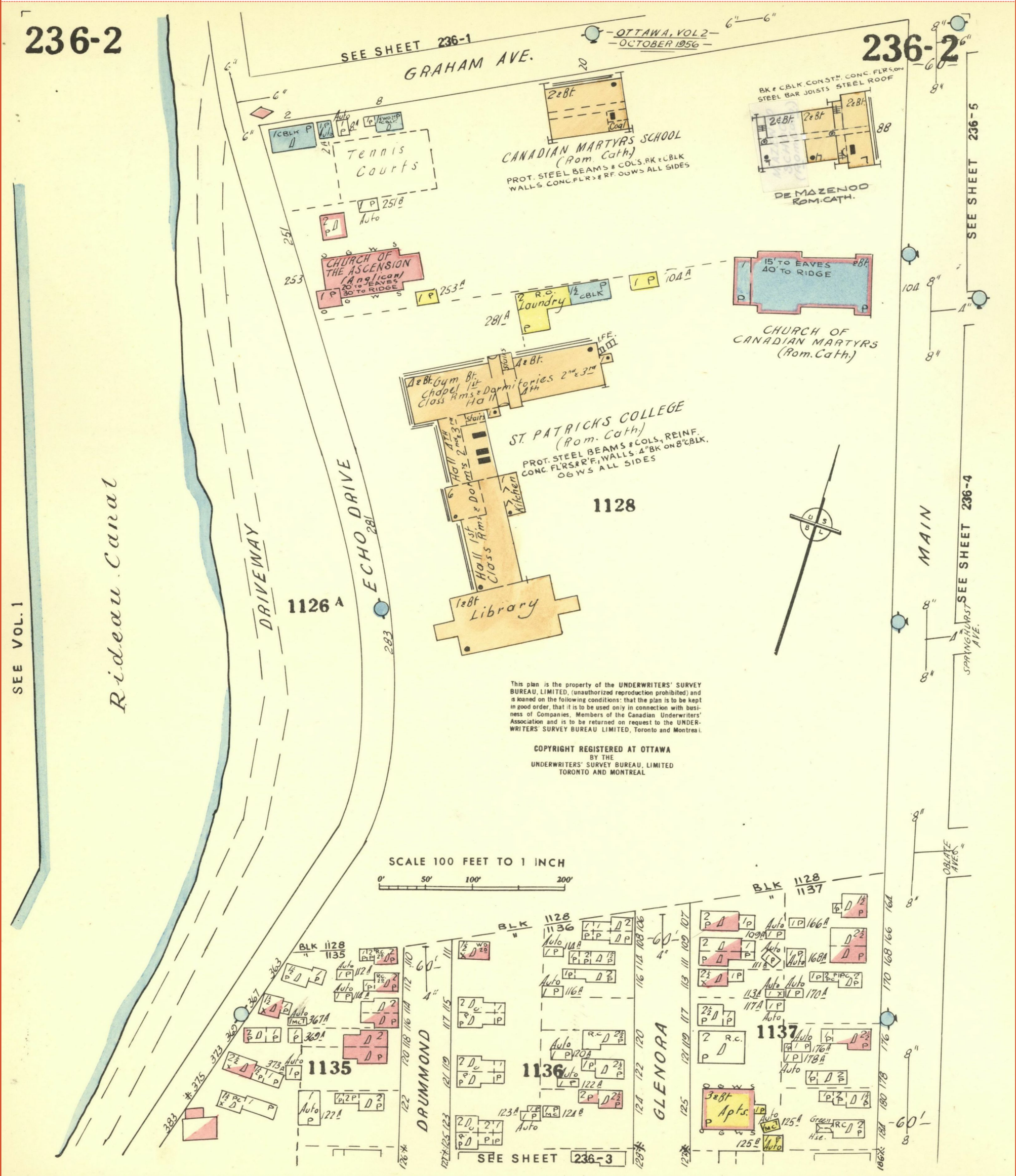


FIP Locator Map

The detailed FIP is on the following page



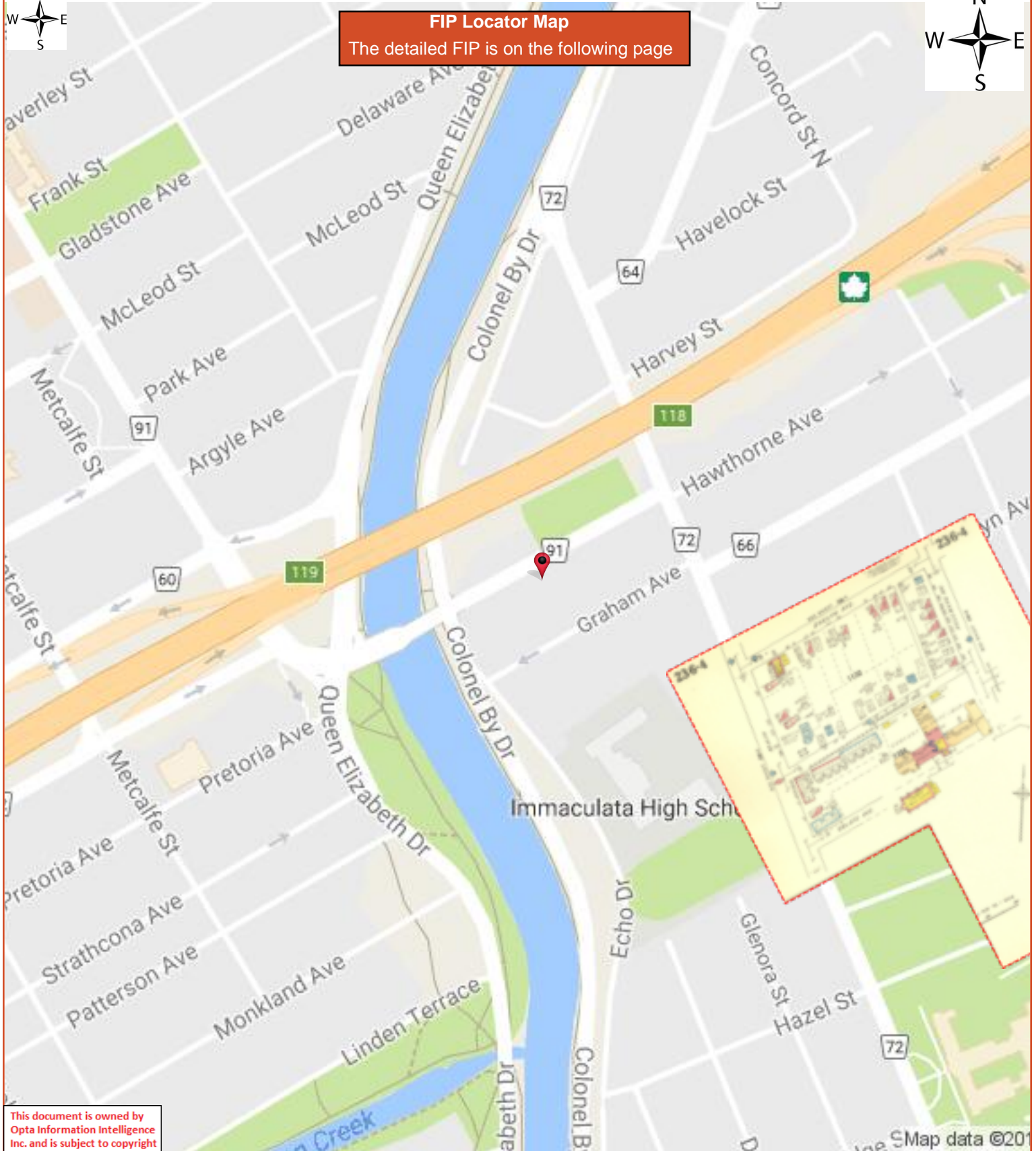




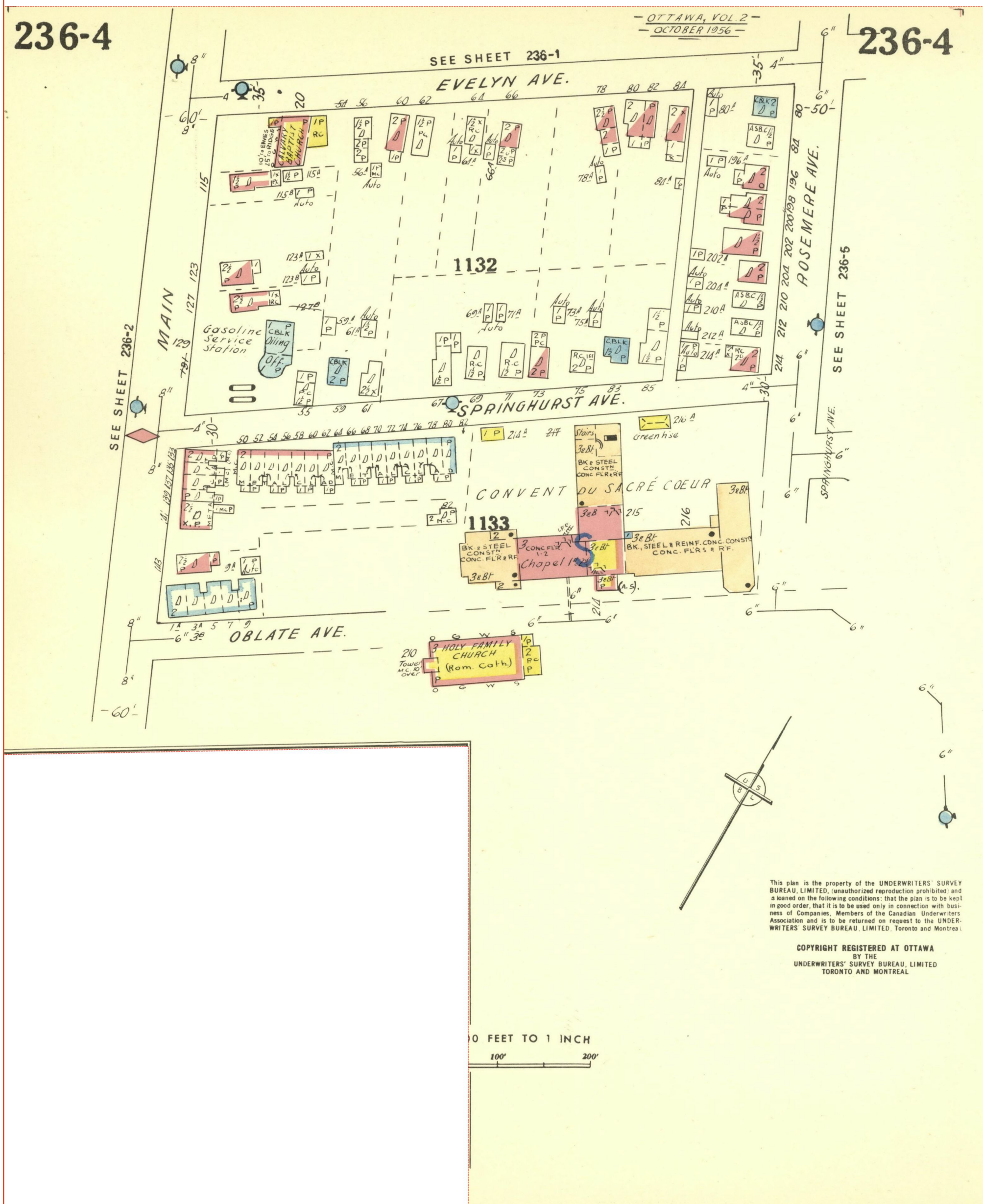




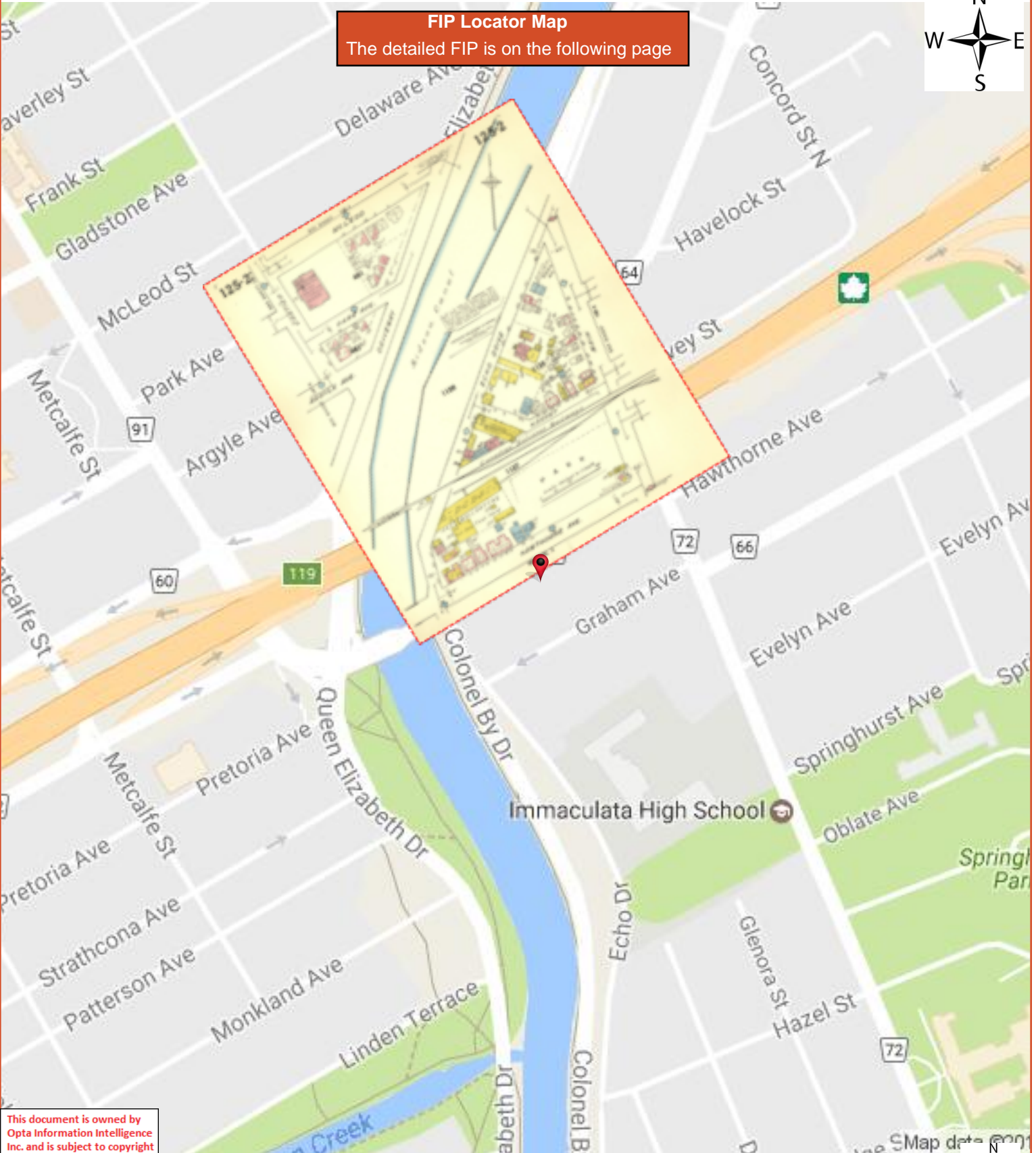
**FIP Locator Map**  
The detailed FIP is on the following page



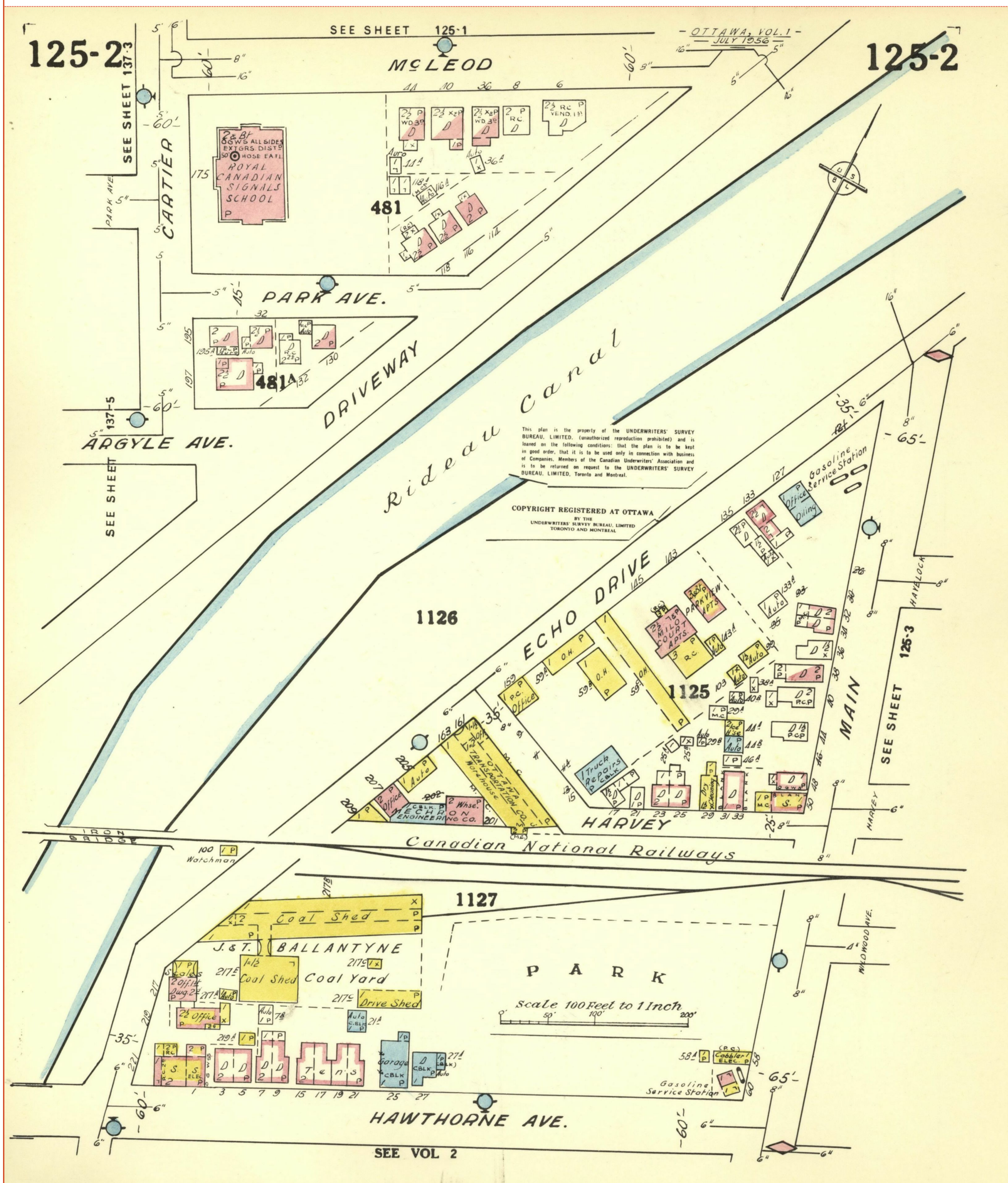




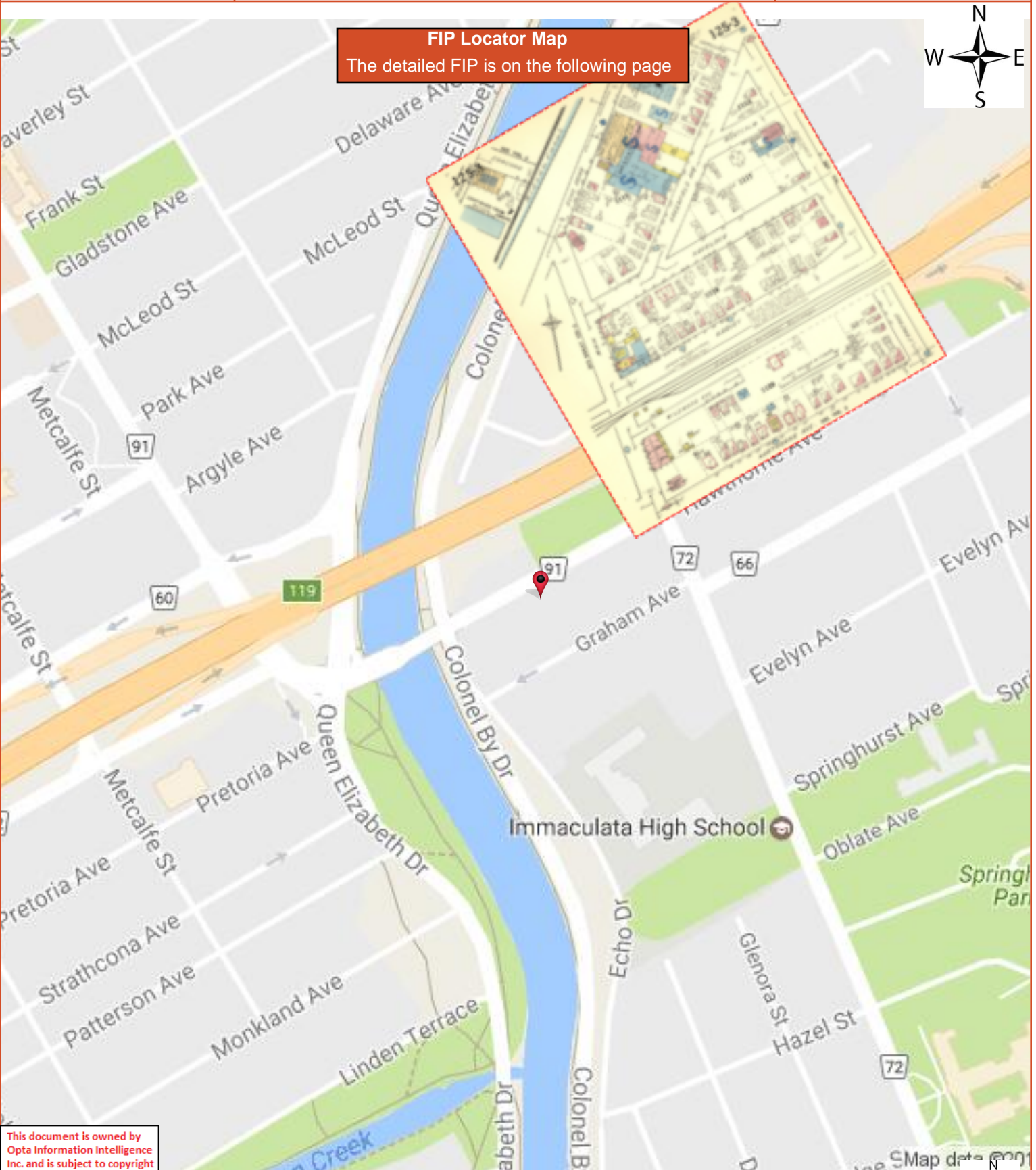








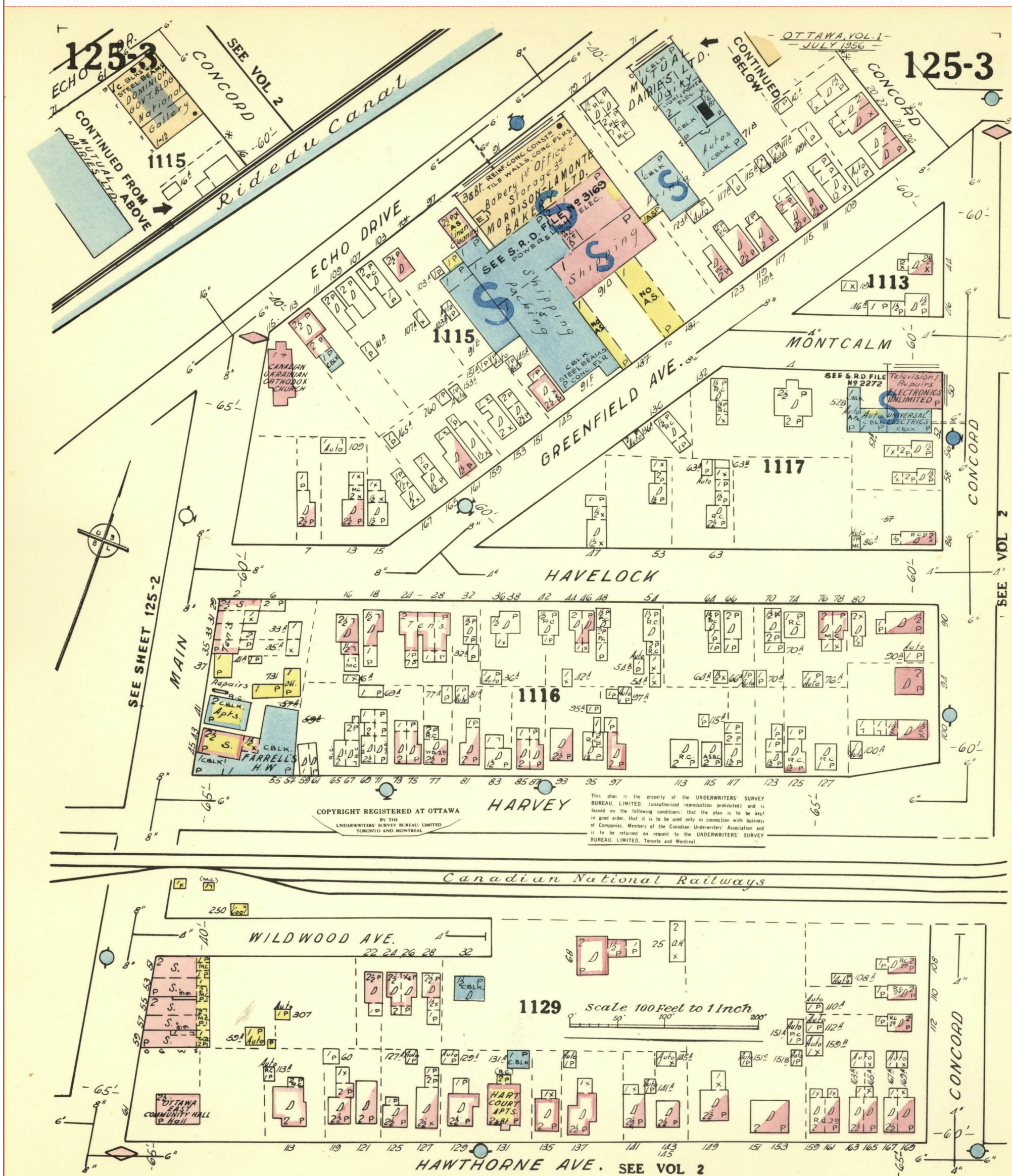




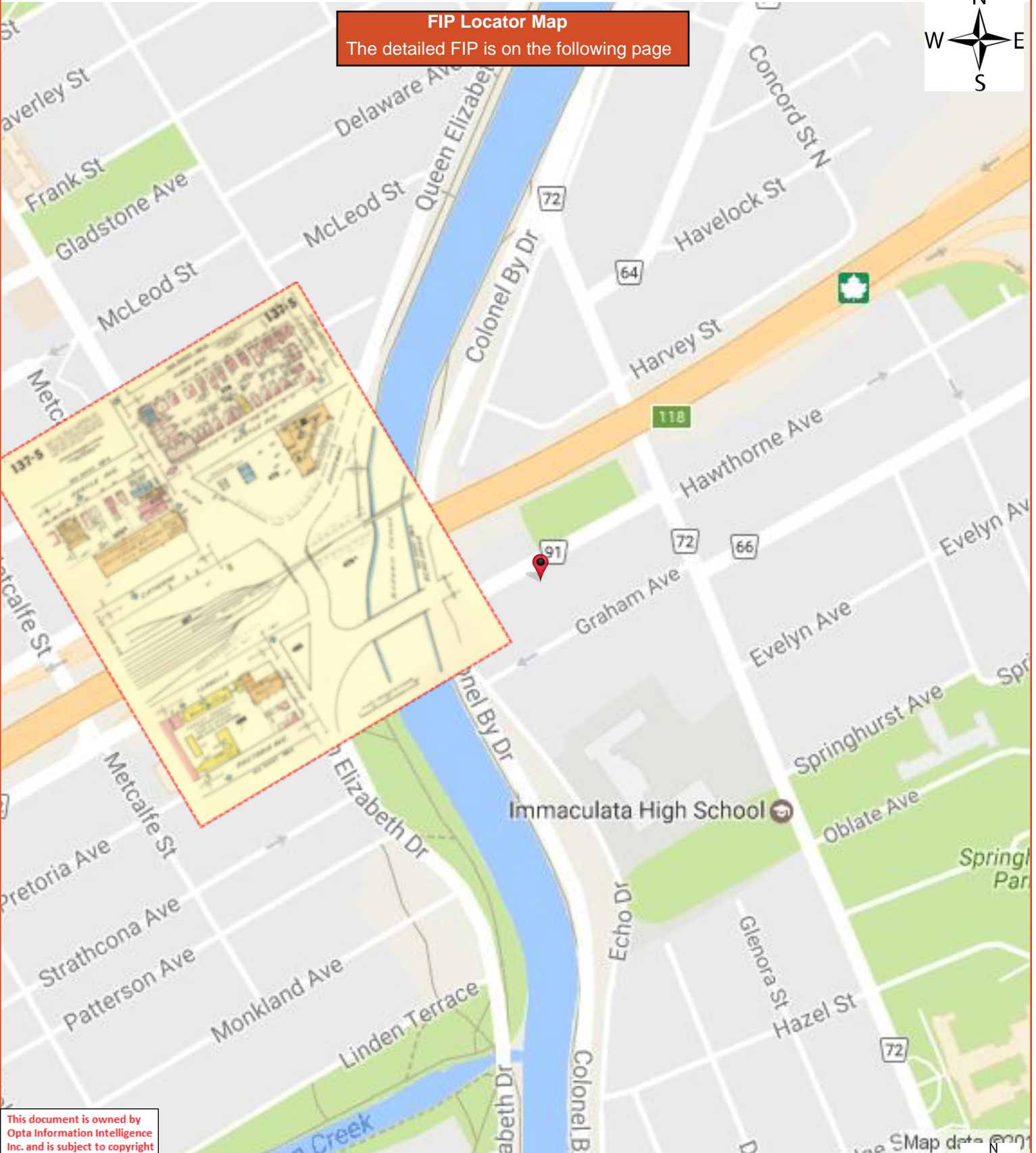
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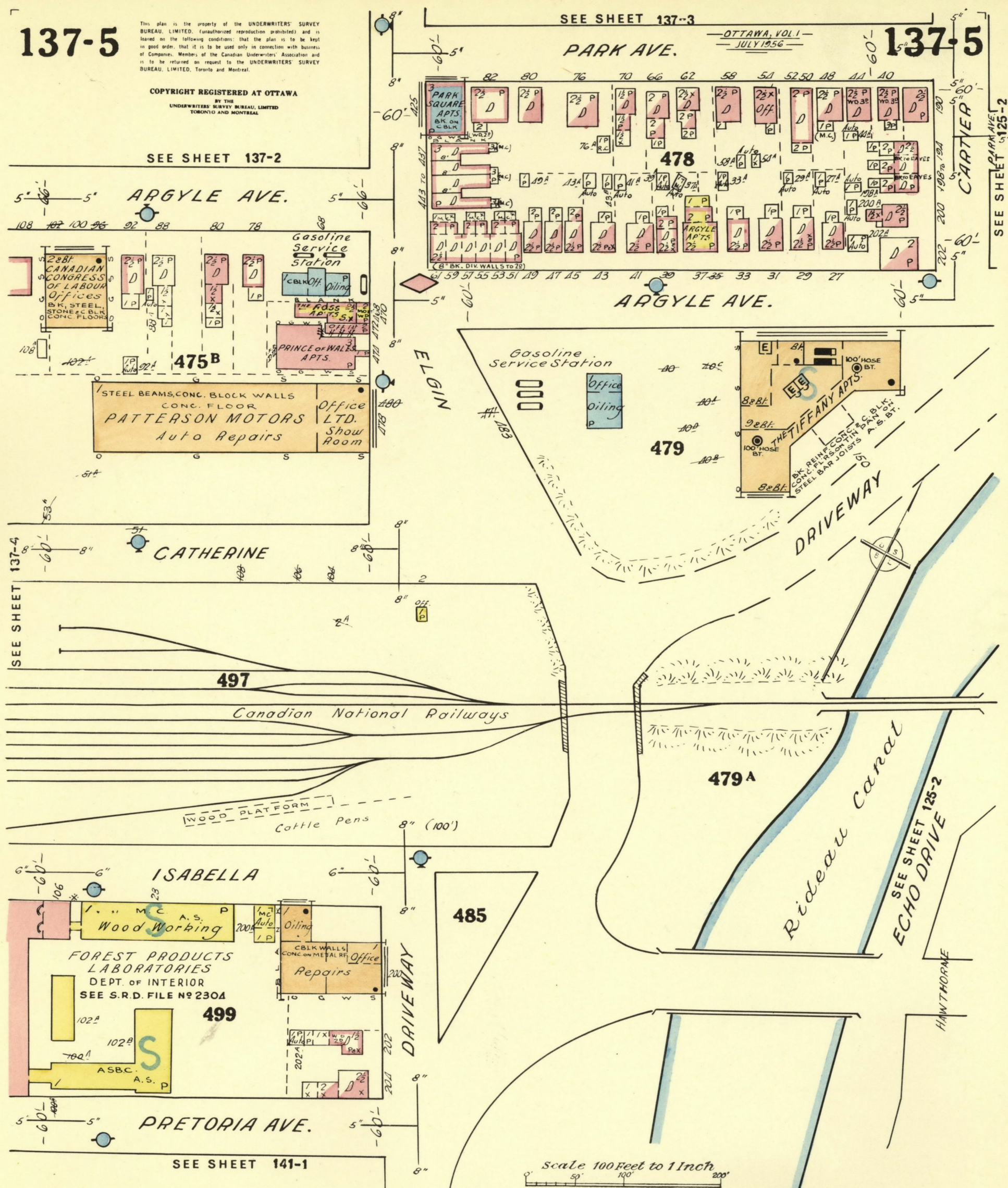








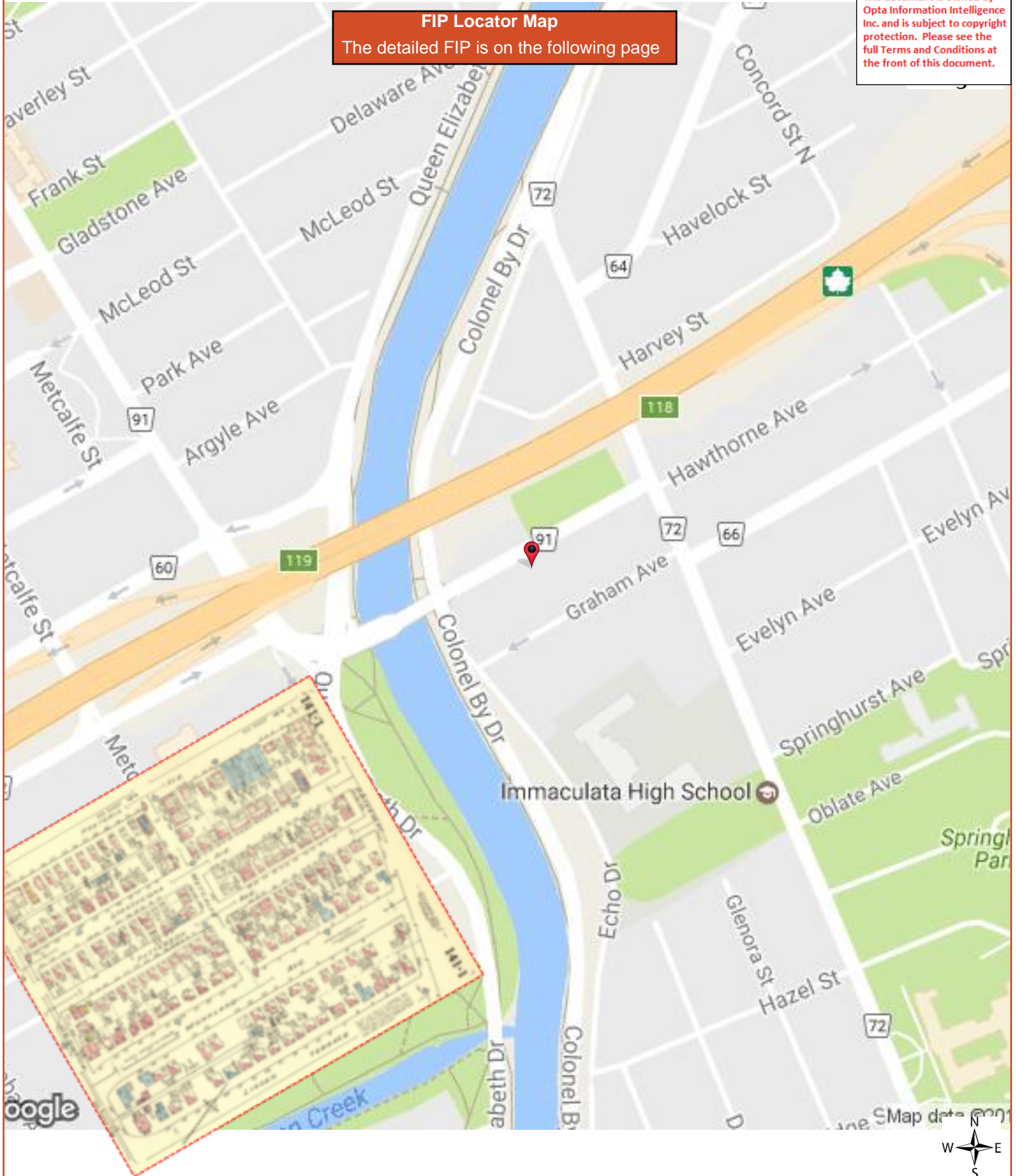




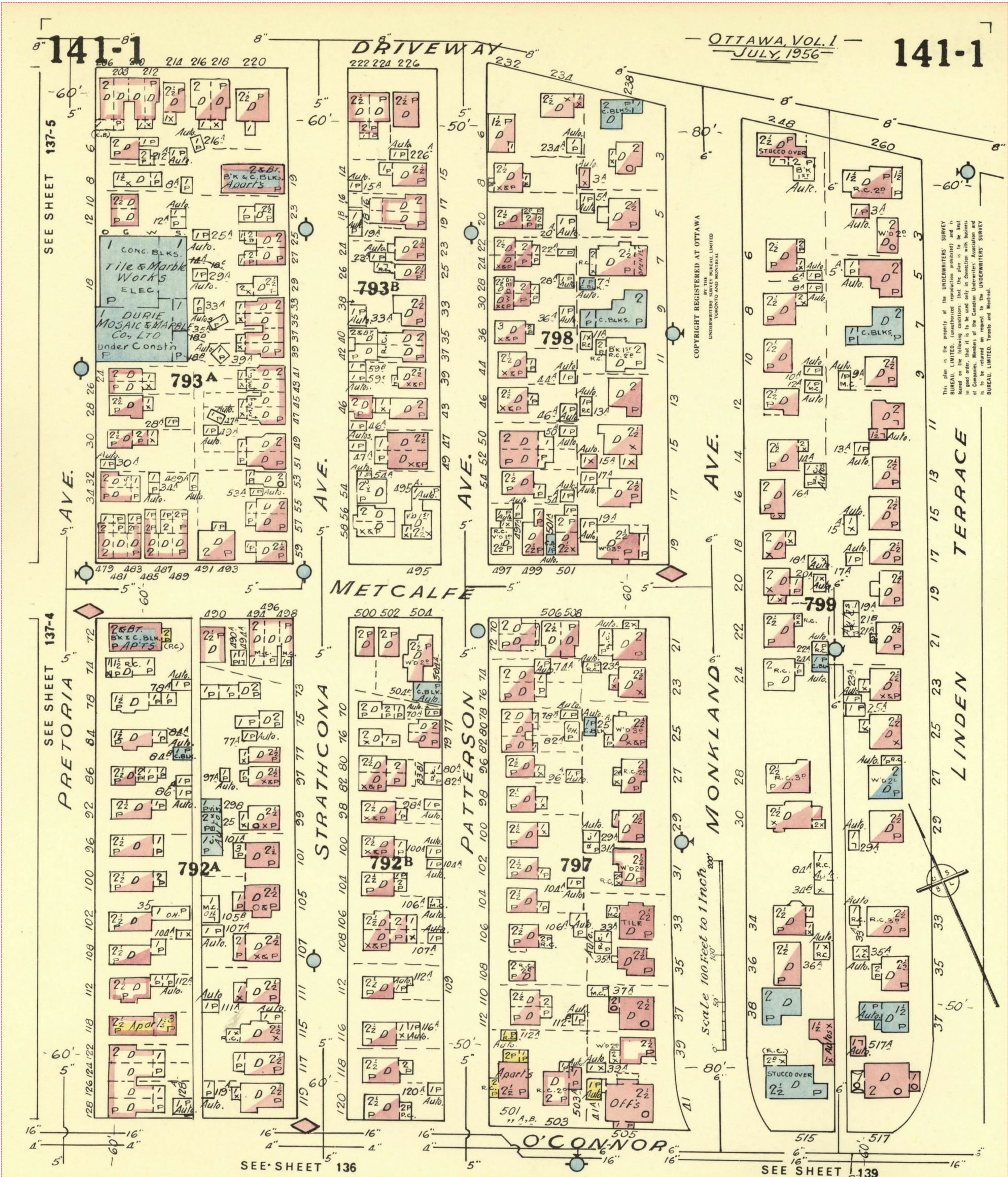


FIP Locator Map

The detailed FIP is on the following page

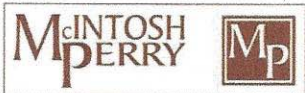








## APPENDIX C CORRESPONDENCE



April 10, 2017

Historic Land Use Inventory (HLUI) Office  
City of Ottawa  
110 Laurier Avenue West  
Ottawa, Ontario  
K1P 1J1

**Re: Authorization Letter, Historic Land Use Inventory (HLUI Search), 24 Hawthorne Avenue, Ottawa, ON**

McIntosh Perry has been retained by TC United Group to complete a Phase 1 Environmental Site Assessment at the property addressed as 24 Hawthorne Avenue, Ottawa, Ontario.

With this letter, the property owner authorizes the City of Ottawa and other regulatory bodies to release, to McIntosh Perry Consulting Engineers Ltd., information requested for the purpose of completing a Phase 1 Environmental Site Assessment at the above-noted property.

Name of Property Owner:

10073911 CANADA Inc.

Property Owner Representative:  
(please print)

RYAN RUTHERFORD

Signature of Property Owner Representative:



Date:

4/10/2017



Office Use Only

Application Number: \_\_\_\_\_ Ward Number: \_\_\_\_\_ Application Received: (dd/mm/yyyy): \_\_\_\_\_  
Client Service Centre Staff: \_\_\_\_\_ Fee Received: \$ \_\_\_\_\_



## Historic Land Use Inventory

### Application Form

#### Notice of Public Record

All information and materials required in support of your application shall be made available to the public, as indicated by Section 1.0.1 of *The Planning Act*, R.S.O. 1990, C.P.13.

#### Municipal Freedom of Information and Protection Act

Personal information on this form is collected under the authority of the *Planning Act*, RSO 1990, c. P. 13 and will be used to process this application. Questions about this collection may be directed by mail to Manager, Business Support Services, Planning Infrastructure and Economic Development Department, 110 Laurier Avenue West, Ottawa, K1P 1J1, or by phone at (613) 580-2424, ext. 24075

#### Background Information

\*Site Address or  
Location:

24 Hawthorne Ave, Ottawa, ON

\* Mandatory Field

#### Applicant/Agent Information:

Name: McIntosh Perry Consulting Engineers Ltd.

Mailing Address: 115 Watgreen Rd. Carp, ON

Telephone: 613 229 9528 Email Address: j.bowman@mcintoshperry.com

#### Registered Property Owner Information:

☐ Same as above

Name: 10073911 Canada Inc. (Agent: Ryan Rutherford) of TCU

Mailing Address: 800 Industrial Drive, Ottawa, ON

Telephone: 613 986 2527 Email Address: ryan.rutherford@tcunitedgroup.com

### Site Details

Legal Description  
and PIN:

What is the land  
currently used for?

Residential.

Lot frontage:

m

Lot depth:

m

Lot area:

m<sup>2</sup>

OR

Lot area: (irregular lot)

m<sup>2</sup>

Does the site have Full Municipal Services:

☒ Yes

☐ No

### Required Fees

Please don't hesitate to visit [the Historic Land Use Inventory website](#)  
more information. Fees must be paid in full at the time of application submission.

Planning Fee

\$100.00

### Submittal Requirements

The following are required to be submitted with this application:

- 1. Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.
- 2. Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa's Planning, Infrastructure and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.
- 3.** A site plan or key plan of the property, its location and particular features.
- 4.** Any significant dates or time frames that you would like researched.



**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 McIntosh Perry ("the Requester") does so only under the following conditions and understanding:

1. 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 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.
2. 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 provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.
3. 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.
4. Copyright is reserved to the City.
5. 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.
6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.
7. 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. M.56, as amended.

Signed: [Signature]

Dated (dd/mm/yyyy): 10 Apr 2017

Per: Jordan Bowman

(Please print name)

Title: Environmental Scientist

Company: McIntosh Perry



# Untitled Map

Write a description for your map.

## Legend

- 24 Hawthorne Ave
- Hawthorne /

24 Hawthorne Ave

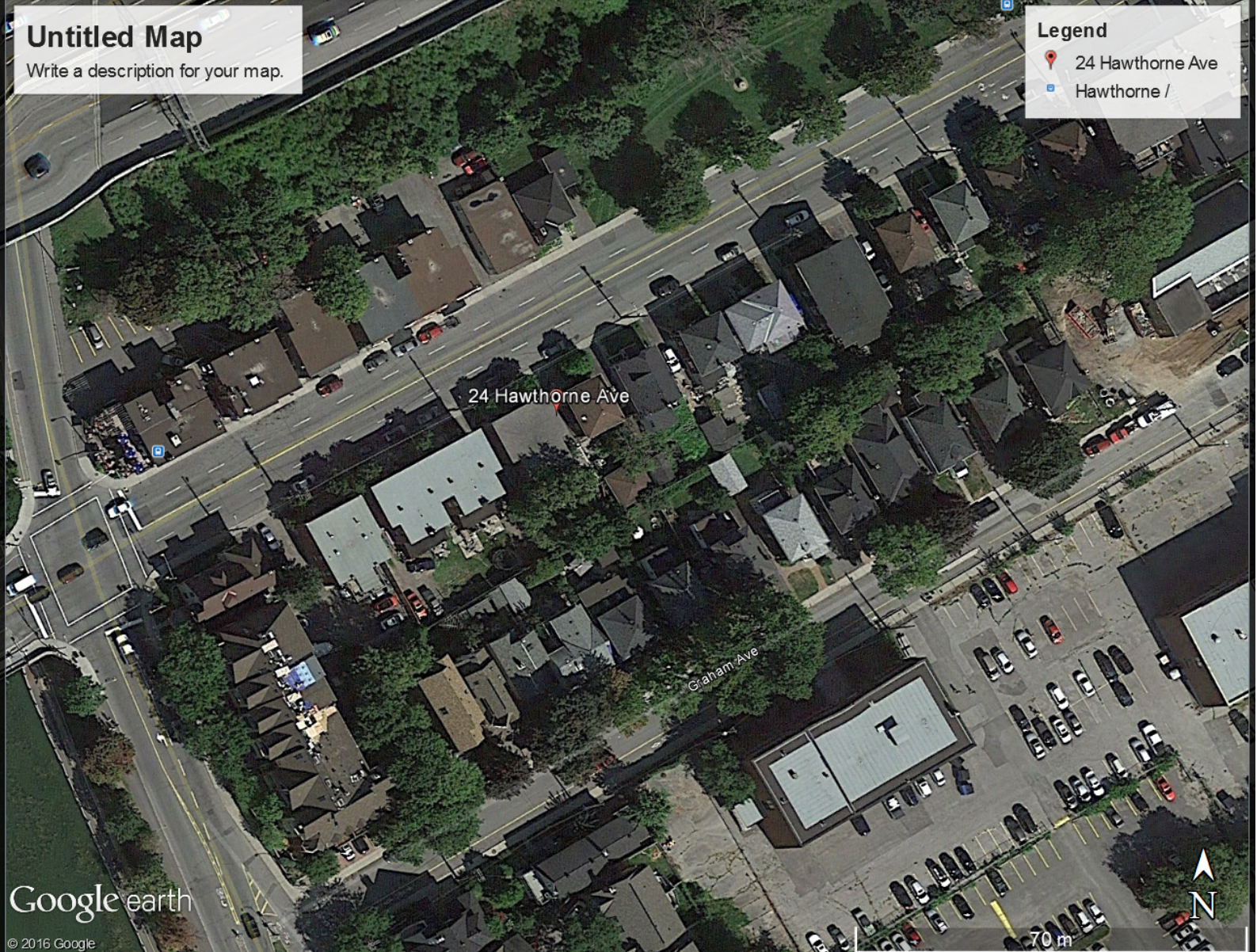
Graham Ave

Google earth

© 2016 Google

N

70 m





## Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Company Name, Mailing Address and Email Address of Requester			FOI Request No.	Date Request Received
Email address: j.bowman@mcintoshperry.com			Fee Paid	
			<input type="checkbox"/> ACCT <input type="checkbox"/> CHQ <input type="checkbox"/> VISA/MC <input type="checkbox"/> CASH	
Telephone/Fax Nos. (613) 836-2184 Tel. ext. 2280 Fax (613) 836-3742	Your Project/Reference No. OCM-17-0197	Signature/Print /Name of Requester /Jordan Bowman	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SWA	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)				
24 Hawthorne Avenue, Ottawa, ON				
Present Property Owner(s) and Date(s) of Ownership				
City of Ottawa				
Previous Property Owner(s) and Date(s) of Ownership				
Unknown				
Present/Previous Tenant(s), (if applicable)				
Various				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			1986-2017	
Orders			1986-2017	
Spills			1986-2017	
Investigations/prosecutions ➤ Owner <b>AND</b> tenant information must be provided			1986-2017	
Waste Generator number/classes			1986-2017	
Certificates of Approval ➤ Proponent information must be provided				
1985 and prior records are searched manually. <b>Search fees in excess of \$300.00</b> could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number(s) (if known). <b>If supporting documents are also required, mark SD box</b> and specify type e.g. maps, plans, reports, etc.				
	<b>SD</b>	<b>Specify Year(s) Requested</b>		
air - emissions		1986-2017		
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)		1986-2017		
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations		1986-2017		
waste water - industrial discharges		1986-2017		
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites		1986-2017		
waste systems - PCB destruction, mobile waste processing units, haulers: sewage, non-hazardous & hazardous waste		1986-2017		
pesticides - licenses		1986-2017		

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.

Jordan Bowman

---

From: Public Information Services <publicinformationservices@tssa.org>  
Sent: April-11-17 12:54 PM  
To: Jordan Bowman  
Subject: RE: Information regarding a site

Thank you for your inquiry.

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

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

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.



**Suman Guram | Coordinator**

Records  
345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: +1-416-734-6203 | Fax: +1-416-231-6183 | E-Mail: [sguram@tssa.org](mailto:sguram@tssa.org)  
[www.tssa.org](http://www.tssa.org)



---

From: Jordan Bowman [<mailto:j.bowman@mcintoshperry.com>]  
Sent: Monday, April 10, 2017 4:56 PM  
To: Public Information Services <[publicinformationservices@tssa.org](mailto:publicinformationservices@tssa.org)>  
Subject: Information regarding a site

Hello,

As part of a Phase ONE ESA, McIntosh Perry is seeking any records or information on the following site:

*24 Hawthorne Ave, Ottawa, ON*

Thank you,

**Jordan Bowman, B.Sc.**

**Environmental Scientist**

115 Walgreen Road, R.R. 3, Carp, ON K0A 1L0  
T. 613.836.2184 (ext 2280) | F. 613.836.3742 | C. 613.229.9528  
[j.bowman@mcintoshperry.com](mailto:j.bowman@mcintoshperry.com) | [www.mcintoshperry.com](http://www.mcintoshperry.com)

**McINTOSH PERRY**



## APPENDIX D ECOLOGERIS REPORT



# DATABASE REPORT

**Project Property:** 24 Hawthorne Ave Ph 1 ESA  
24 Hawthorne Avenue  
Ottawa ON  
17-0197

**Project No:**

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

**Order No:** 20170410149

**Requested by:** McIntosh Perry Consulting Engineers

**Date Completed:** April 17, 2017

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

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



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## **Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY**

**Reliance on information in Report:** This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

**License for use of information in Report:** No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

**Your Liability for misuse:** Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

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# Executive Summary

## Property Information:

**Project Property:** 24 Hawthorne Ave Ph 1 ESA  
24 Hawthorne Avenue Ottawa ON

**Project No:** 17-0197

### **Coordinates:**

**Latitude:** 45.412023  
**Longitude:** -75.681616  
**UTM Northing:** 5,028,948.58  
**UTM Easting:** 446,664.70  
**UTM Zone:** UTM Zone 18T

**Elevation:** 227 FT  
69.30 M

## Order Information:

**Order No:** 20170410149  
**Date Requested:** April 10, 2017  
**Requested by:** McIntosh Perry Consulting Engineers  
**Report Type:** Quote - Custom-Build Your Own Report

## Historical/Products:

**Aerial Photographs** National Collection - Digital (PDF)  
**City Directory Search** Subject Site plus 30 Adjacent Properties  
**Insurance Products** Fire Insurance Maps/Inspection Reports/Site Specific Plans



## Executive Summary: Report Summary

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Within 0.28 km</b>	<b>Total</b>
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	38	38
CA	<i>Certificates of Approval</i>	Y	0	10	10
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	1	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	8	8
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	13	13
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	60	60
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	3	3
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.28 km</i>	<i>Total</i>
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBW	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	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	0	0
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	3	3
PIPELINE INCIDENTS PRT	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	1	1
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	2	2
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	1	1
SPL	<i>Ontario Spills</i>	Y	0	6	6
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	17	17
<b>Total:</b>			0	163	163



## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

## Executive Summary: Site Report Summary - Surrounding Properties

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">1</a>	INC		22 HAWTHORNE AVE, OTTAWA ON	SSW/17.6	-0.41	<a href="#">27</a>
<a href="#">1</a>	INC		22 HAWTHORNE AVENUE, OTTAWA ON	SSW/17.6	-0.41	<a href="#">28</a>
<a href="#">1</a>	SPL	Bruce Fuels<UNOFFICIAL>	22 Hawthorne Ave Ottawa ON K1S 0B1	SSW/17.6	-0.41	<a href="#">29</a>
<a href="#">2</a>	GEN	CANAL CYCLES 587	08- 19 HAWTHORNE AVE. OTTAWA ON K1S 0A9	NW/39.7	-0.65	<a href="#">29</a>
<a href="#">2</a>	GEN	CANAL CYCLES	19 HAWTHORNE AVENUE OTTAWA ON K1S 0A9	NW/39.7	-0.65	<a href="#">29</a>
<a href="#">3</a>	CA	OTTAWA CITY	GRAHAM AVE./ECHO DR./MAIN ST. OTTAWA CITY ON	SE/59.3	0.17	<a href="#">29</a>
<a href="#">4</a>	GEN	CANAL CYCLES	5 HAWTHORNE AVE. OTTAWA ON K1S 0A9	W/59.4	-0.72	<a href="#">30</a>
<a href="#">4</a>	GEN	CAPITAL BIKE 'N BLADE	3 HAWTHORNE AVE. OTTAWA ON K1S 0A9	W/59.4	-0.73	<a href="#">30</a>
<a href="#">4</a>	GEN	CYCO'S INC.	5 HAWTHORNE AVENUE OTTAWA ON K1S 0A9	W/59.4	-0.72	<a href="#">30</a>
<a href="#">5</a>	WWIS		Ottawa ON	E/75.5	0.75	<a href="#">31</a>
<a href="#">6</a>	GEN	DR. A. CHRISTIE	223 ECHO DRIVE OTTAWA ON K1S 1N2	WSW/77.3	-0.63	<a href="#">33</a>
<a href="#">7</a>	BORE		ON	NNE/78.1	0.68	<a href="#">33</a>
<a href="#">8</a>	EHS		56 hawthorne avenue Ottawa ON K1S 0B1	ENE/81.7	0.32	<a href="#">34</a>
<a href="#">9</a>	BORE		ON	SW/92.5	-0.39	<a href="#">34</a>
<a href="#">10</a>	SPL	Parks Canada (Rideau Canal)	Colonel By Dr. & Hawthorne Ave. Intersection Ottawa ON	WSW/95.3	-0.86	<a href="#">35</a>
<a href="#">11</a>	GEN	Phat Moose Cycles Inc.	98 Hawthorne Ave. Ottawa ON K1S 0B1	ENE/101.4	0.48	<a href="#">35</a>
<a href="#">11</a>	GEN	Phat Moose Cycles Inc.	98 Hawthorne Ave. Ottawa ON K1S 0B1	ENE/101.4	0.48	<a href="#">35</a>
<a href="#">11</a>	GEN	Phat Moose Cycles Inc.	98 Hawthorne Ave. Ottawa ON K1S 0B1	ENE/101.4	0.48	<a href="#">36</a>
<a href="#">11</a>	GEN	Phat Moose Cycles Inc.	98 Hawthorne Ave. Ottawa ON K1S 0B1	ENE/101.4	0.48	<a href="#">36</a>
<a href="#">11</a>	GEN	Phat Moose Cycles Inc.	98 Hawthorne Ave. Ottawa ON K1S 0B1	ENE/101.4	0.48	<a href="#">36</a>
<a href="#">11</a>	GEN	Phat Moose Cycles Inc.	98 Hawthorne Ave. Ottawa ON	ENE/101.4	0.48	<a href="#">37</a>
<a href="#">11</a>	GEN	Phat Moose Cycles Inc.	98 Hawthorne Ave. Ottawa ON K1S 0B1	ENE/101.4	0.48	<a href="#">37</a>
<a href="#">12</a>	EHS		31 Graham Ave Ottawa ON K1S0B6	E/106.3	0.71	<a href="#">37</a>



<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>13</u></a>	BORE		ON	NNW/108.8	6.04	<a href="#"><u>37</u></a>
<a href="#"><u>14</u></a>	BORE		ON	NW/110.8	6.15	<a href="#"><u>38</u></a>
<a href="#"><u>15</u></a>	GEN	Ottawa Catholic District School Board	20 Graham Street Ottawa ON K1S 0B7	ESE/113.3	0.10	<a href="#"><u>39</u></a>
<a href="#"><u>15</u></a>	GEN	Ottawa Catholic District School Board	20 Graham Street Ottawa ON K1S 0B7	ESE/113.3	0.10	<a href="#"><u>39</u></a>
<a href="#"><u>15</u></a>	GEN	Ottawa Catholic District School Board	20 Graham Street Ottawa ON K1S 0B7	ESE/113.3	0.10	<a href="#"><u>39</u></a>
<a href="#"><u>15</u></a>	GEN	Ottawa Catholic District School Board	20 Graham Street Ottawa ON K1S 0B7	ESE/113.3	0.10	<a href="#"><u>40</u></a>
<a href="#"><u>15</u></a>	GEN	Ottawa Catholic District School Board	20 Graham Street Ottawa ON K1S 0B7	ESE/113.3	0.10	<a href="#"><u>40</u></a>
<a href="#"><u>15</u></a>	GEN	Ottawa Catholic District School Board	20 Graham Street Ottawa ON K1S 0B7	ESE/113.3	0.10	<a href="#"><u>41</u></a>
<a href="#"><u>15</u></a>	GEN	Ottawa Catholic District School Board	20 Graham Street Ottawa ON	ESE/113.3	0.10	<a href="#"><u>41</u></a>
<a href="#"><u>15</u></a>	GEN	Ottawa Catholic District School Board	20 Graham Street Ottawa ON K1S0B7	ESE/113.3	0.10	<a href="#"><u>41</u></a>
<a href="#"><u>16</u></a>	BORE		ON	N/115.4	5.73	<a href="#"><u>42</u></a>
<a href="#"><u>17</u></a>	WWIS		Ottawa ON	E/116.4	0.24	<a href="#"><u>43</u></a>
<a href="#"><u>18</u></a>	BORE		ON	WNW/117.3	-3.35	<a href="#"><u>45</u></a>
<a href="#"><u>19</u></a>	BORE		ON	WSW/120.2	-5.89	<a href="#"><u>45</u></a>
<a href="#"><u>20</u></a>	BORE		ON	SW/120.5	-1.18	<a href="#"><u>46</u></a>
<a href="#"><u>21</u></a>	WWIS		Ottawa ON	E/124.5	0.68	<a href="#"><u>46</u></a>
<a href="#"><u>22</u></a>	EHS		221 Echo Drive Ottawa ON K1S 1N1	S/128.1	0.56	<a href="#"><u>49</u></a>
<a href="#"><u>23</u></a>	BORE		ON	WSW/135.3	-6.20	<a href="#"><u>49</u></a>
<a href="#"><u>24</u></a>	BORE		ON	WNW/136.3	-6.03	<a href="#"><u>50</u></a>
<a href="#"><u>25</u></a>	BORE		ON	NNE/137.7	5.08	<a href="#"><u>51</u></a>
<a href="#"><u>26</u></a>	BORE		ON	NNW/140.7	-0.74	<a href="#"><u>51</u></a>
<a href="#"><u>27</u></a>	BORE		ON	SW/141.3	-6.35	<a href="#"><u>52</u></a>
<a href="#"><u>28</u></a>	WWIS		Ottawa ON	NW/148.2	-2.61	<a href="#"><u>52</u></a>
<a href="#"><u>29</u></a>	BORE		ON	NE/149.8	-0.02	<a href="#"><u>54</u></a>
<a href="#"><u>30</u></a>	BORE		ON	S/153.8	-0.35	<a href="#"><u>55</u></a>
<a href="#"><u>31</u></a>	BORE		ON	WSW/158.0	-6.38	<a href="#"><u>56</u></a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">32</a>	GEN	ROGERS CLEANERS	98 MAIN STREET STITTSVILLE ON K1S 1C2	ESE/158.3	-0.35	<a href="#">57</a>
<a href="#">33</a>	BORE		ON	SW/161.1	-6.37	<a href="#">57</a>
<a href="#">34</a>	EHS		59 Main Street ottawa ON	NE/167.4	-0.24	<a href="#">57</a>
<a href="#">35</a>	PINC		83 MAIN STREET, OTTAWA ON	E/168.2	0.59	<a href="#">58</a>
<a href="#">36</a>	WWIS		OTTAWA ON	ENE/172.0	0.46	<a href="#">58</a>
<a href="#">37</a>	BORE		ON	WNW/175.9	-3.12	<a href="#">60</a>
<a href="#">38</a>	BORE		ON	WSW/177.7	-0.63	<a href="#">61</a>
<a href="#">39</a>	WWIS		OTTAWA ON	NE/178.7	0.66	<a href="#">61</a>
<a href="#">40</a>	WWIS		Ottawa ON	NE/179.1	0.57	<a href="#">64</a>
<a href="#">41</a>	BORE		ON	W/179.7	-2.31	<a href="#">66</a>
<a href="#">42</a>	GEN	Ali Gharibi	89 main Street Ottawa ON	E/184.4	-0.57	<a href="#">67</a>
<a href="#">42</a>	GEN	Main Cleaners Inc.	89 main Street Ottawa ON	E/184.4	-0.57	<a href="#">67</a>
<a href="#">42</a>	GEN	Ali Gharibi	89 main Street Ottawa ON K1S 1B7	E/184.4	-0.57	<a href="#">67</a>
<a href="#">43</a>	SCT	T-Base Communications Inc.	50 Main St Ottawa ON K1S 1B2	NNE/184.4	-0.76	<a href="#">68</a>
<a href="#">44</a>	GEN	MAIN CLEANERS	89 MAIN STREET OTTAWA ON K1S 1B8	E/185.0	-0.47	<a href="#">68</a>
<a href="#">44</a>	GEN	MAIN CLEANERS	89 MAIN STREET OTTAWA ON K1S 1B7	E/185.0	-0.47	<a href="#">68</a>
<a href="#">44</a>	GEN	MAIN CLEANERS	89 MAIN STREET OTTAWA ON K1S 1B7	E/185.0	-0.47	<a href="#">68</a>
<a href="#">45</a>	BORE		ON	NNE/188.0	-1.43	<a href="#">69</a>
<a href="#">46</a>	BORE		ON	SW/189.7	-3.29	<a href="#">69</a>
<a href="#">47</a>	WWIS		OTTAWA ON	NE/190.5	0.50	<a href="#">70</a>
<a href="#">47</a>	WWIS		OTTAWA ON	NE/190.5	0.49	<a href="#">72</a>
<a href="#">48</a>	WWIS		Ottawa ON	NNW/192.9	-1.42	<a href="#">74</a>
<a href="#">49</a>	WWIS		Ottawa ON	NE/194.2	4.54	<a href="#">77</a>
<a href="#">50</a>	BORE		ON	N/195.3	-0.59	<a href="#">79</a>
<a href="#">51</a>	WWIS		Ottawa ON	NE/197.2	4.45	<a href="#">79</a>
<a href="#">51</a>	WWIS		Ottawa ON	NE/197.2	4.42	<a href="#">81</a>



Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<a href="#">52</a>	BORE		ON	W/198.7	4.61	<a href="#">83</a>
<a href="#">53</a>	BORE		ON	W/199.3	4.95	<a href="#">84</a>
<a href="#">54</a>	WWIS		Ottawa ON	NE/202.7	0.07	<a href="#">84</a>
<a href="#">55</a>	RSC		145-159 Echo Drive, 163-165 Echo Drive, 23-25 Harvey Street Ottawa ON	N/203.2	-0.16	<a href="#">86</a>
<a href="#">56</a>	CA	Sherbrooke Urban Developments Ltd.	103 Main Street, 43 to 55 Evelyn Avenue Ottawa ON	ESE/206.1	-1.20	<a href="#">87</a>
<a href="#">57</a>	GEN	Siddiquir Rahman	44 Lees Avenue Ottawa ON K1S 0B9	E/215.4	-0.24	<a href="#">87</a>
<a href="#">58</a>	CA	R.M. OF OTTAWA-CARLETON	QUEEN ELIZABETH DR./PRETORIA OTTAWA CITY ON	WSW/216.3	-1.64	<a href="#">87</a>
<a href="#">59</a>	CA	155 Echo on the Canal	145-165 Echo Drive Ottawa ON K1S 1M9	N/217.5	-0.28	<a href="#">88</a>
<a href="#">60</a>	CA		40 and 44 Main Street Ottawa ON	NNE/217.7	-0.70	<a href="#">88</a>
<a href="#">60</a>	CA		40 and 44 Main Street Ottawa ON	NNE/217.7	-0.70	<a href="#">88</a>
<a href="#">61</a>	BORE		ON	SE/221.4	-0.17	<a href="#">89</a>
<a href="#">62</a>	PINC		47 LEES AVE, OTTAWA ON	ENE/221.6	0.09	<a href="#">89</a>
<a href="#">63</a>	EHS		143 and 145 Echo Drive Ottawa ON	N/225.4	-0.26	<a href="#">90</a>
<a href="#">64</a>	BORE		ON	N/226.3	-0.90	<a href="#">90</a>
<a href="#">65</a>	BORE		ON	E/226.6	-2.58	<a href="#">91</a>
<a href="#">66</a>	BORE		ON	N/229.5	-0.49	<a href="#">91</a>
<a href="#">67</a>	BORE		ON	NW/232.1	-2.30	<a href="#">92</a>
<a href="#">68</a>	BORE		ON	NNE/238.5	0.17	<a href="#">92</a>
<a href="#">69</a>	CA	THE OTTAWA BOARD OF EDUCATION-PT.LTS.5-8	EVELYN AVE./MAIN ST. OTTAWA CITY ON	SE/239.3	-1.14	<a href="#">93</a>
<a href="#">70</a>	WWIS		Ottawa ON	NE/240.3	3.03	<a href="#">93</a>
<a href="#">71</a>	BORE		ON	W/240.6	4.72	<a href="#">95</a>
<a href="#">72</a>	CA	Main Street Lofts	29 Main Street Ottawa ON K1S 1B1	NNE/248.6	-1.30	<a href="#">95</a>
<a href="#">72</a>	CA	Main Street Lofts	29 Main Street Ottawa ON K1S 1B1	NNE/248.6	-1.30	<a href="#">96</a>
<a href="#">72</a>	EHS		29 Main St. Ottawa ON K1S 1B1	NNE/248.6	-1.30	<a href="#">96</a>
<a href="#">72</a>	PRT	R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE/248.6	-1.30	<a href="#">96</a>
<a href="#">72</a>	RSC		29 Main St. Ottawa ON K1S 1B1	NNE/248.6	-1.30	<a href="#">97</a>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<a href="#">72</a>	SPL	SHELL CANADA PRODUCTS LTD.	29 MAIN STREET, K1S 1B1 TANK TRUCK (CARGO)	NNE/248.6	-1.30	<a href="#">97</a>
<a href="#">73</a>	GEN	LEVINSON-VINER IN TRUST	OTTAWA CITY ON K1S 1B1 150 QUEEN ELIZABETH DRIVEWAY OTTAWA ON K2P 1E7	WNW/249.4	-2.04	<a href="#">97</a>
<a href="#">73</a>	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	WNW/249.4	-2.04	<a href="#">98</a>
<a href="#">73</a>	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	WNW/249.4	-2.04	<a href="#">98</a>
<a href="#">73</a>	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	WNW/249.4	-2.04	<a href="#">98</a>
<a href="#">73</a>	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	WNW/249.4	-2.04	<a href="#">99</a>
<a href="#">74</a>	BORE		ON	WNW/249.9	-2.56	<a href="#">99</a>
<a href="#">75</a>	SPL	OTTAWA HYDRO	QUEEN ELISABETH & CARTIER. TRANSFORMER OTTAWA CITY ON	NW/249.9	-1.40	<a href="#">99</a>
<a href="#">76</a>	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	WNW/250.4	-0.25	<a href="#">100</a>
<a href="#">77</a>	SPL	DRAIN-ALL LTD.	INTERSECTION OF ISABELLA AND ELGIN TANK TRUCK (CARGO) GLOUCESTER CITY ON	WSW/251.2	-2.03	<a href="#">10</a>
<a href="#">78</a>	CA	MICHAEL G. GALLAZKA	123 MAIN STREET (SWM) OTTAWA ON K1S 1B9	ESE/251.4	-2.95	<a href="#">10</a>
<a href="#">79</a>	EXP	R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON	NNE/252.2	-0.58	<a href="#">101</a>
<a href="#">79</a>	EXP	R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE/252.2	-0.58	<a href="#">101</a>
<a href="#">79</a>	EXP	R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE/252.2	-0.58	<a href="#">101</a>
<a href="#">79</a>	EXP	R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE/252.2	-0.58	<a href="#">101</a>
<a href="#">79</a>	EXP	R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE/252.2	-0.58	<a href="#">102</a>
<a href="#">79</a>	EXP	R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON	NNE/252.2	-0.58	<a href="#">102</a>
<a href="#">79</a>	EXP	R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON	NNE/252.2	-0.58	<a href="#">102</a>
<a href="#">79</a>	EXP	R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON	NNE/252.2	-0.58	<a href="#">102</a>
<a href="#">79</a>	EXP	R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE/252.2	-0.58	<a href="#">103</a>
<a href="#">79</a>	EXP	R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE/252.2	-0.58	<a href="#">103</a>
<a href="#">79</a>	EXP	R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE/252.2	-0.58	<a href="#">103</a>
<a href="#">79</a>	EXP	R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE/252.2	-0.58	<a href="#">104</a>
<a href="#">80</a>	BORE		ON	SSE/253.3	-2.87	<a href="#">104</a>
<a href="#">81</a>	GEN	Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON	SSE/253.9	-2.86	<a href="#">104</a>



<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">81</a>	GEN	Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE/253.9	-2.86	<a href="#">105</a>
<a href="#">82</a>	GEN	CLV Group	150 Queen Elizabeth Driveway Ottawa ON K2P 1E7	WNW/254.1	-1.20	<a href="#">106</a>
<a href="#">82</a>	GEN	Paramount Properties	150 Queen Elizabeth Drive Ottawa ON	WNW/254.1	-1.20	<a href="#">107</a>
<a href="#">82</a>	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON	WNW/254.1	-1.20	<a href="#">107</a>
<a href="#">82</a>	GEN	Paramount Properties	150 Queen Elizabeth Drive Ottawa ON	WNW/254.1	-1.20	<a href="#">107</a>
<a href="#">82</a>	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON	WNW/254.1	-1.20	<a href="#">107</a>
<a href="#">83</a>	ECA	City of Ottawa	Elgin Street Elgin St Isabella Street Ottawa ON	WSW/255.5	-1.71	<a href="#">108</a>
<a href="#">84</a>	GEN	City Of Ottawa Public Works	Hawthorn & Elgin City of Ottawa ON	WSW/257.0	-1.65	<a href="#">108</a>
<a href="#">85</a>	GEN	OTTAWA R.C. SEPARATE SCHOOL BOARD	IMMACULATA HIGH SCHOOL 140 MAIN STREET OTTAWA ON K1S 5P4	SSE/257.3	-3.64	<a href="#">108</a>
<a href="#">85</a>	GEN	OTTAWA-CARLETON CATHOLIC SCHOOL BOARD	IMMACULATA HIGH SCHOOL 140 MAIN STREET OTTAWA ON K1S 5P4	SSE/257.3	-3.64	<a href="#">109</a>
<a href="#">85</a>	GEN	Ottawa-Carleton Catholic School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE/257.3	-3.64	<a href="#">109</a>
<a href="#">85</a>	GEN	Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE/257.3	-3.64	<a href="#">110</a>
<a href="#">85</a>	GEN	Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE/257.3	-3.64	<a href="#">110</a>
<a href="#">85</a>	GEN	Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE/257.3	-3.64	<a href="#">111</a>
<a href="#">85</a>	GEN	Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE/257.3	-3.64	<a href="#">112</a>
<a href="#">85</a>	GEN	Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE/257.3	-3.64	<a href="#">112</a>
<a href="#">85</a>	GEN	Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE/257.3	-3.64	<a href="#">113</a>
<a href="#">86</a>	EHS		135 Echo Drive Ottawa ON K1S 1M9	N/258.3	-0.24	<a href="#">114</a>
<a href="#">87</a>	BORE		ON	NW/258.4	-1.08	<a href="#">114</a>
<a href="#">88</a>	GEN	Ottawa-Carleton District School Board Health & Safety	63 Evelyn Avenue Ottawa ON K1S 0C6	E/260.7	-2.55	<a href="#">114</a>
<a href="#">88</a>	GEN	Ottawa-Carleton District School Board	63 Evelyn Avenue Ottawa ON K1S 0C6	E/260.7	-2.55	<a href="#">115</a>
<a href="#">88</a>	GEN	Ottawa-Carleton District School Board	63 Evelyn Avenue Ottawa ON K1S 0C6	E/260.7	-2.55	<a href="#">115</a>
<a href="#">88</a>	GEN	Ottawa-Carleton District School Board	63 Evelyn Avenue Ottawa ON K1S 0C6	E/260.7	-2.55	<a href="#">116</a>
<a href="#">88</a>	GEN	Ottawa-Carleton District School Board	63 Evelyn Avenue Ottawa ON K1S 0C6	E/260.7	-2.55	<a href="#">116</a>
<a href="#">88</a>	GEN	Ottawa-Carleton District School Board	63 Evelyn Avenue Ottawa ON	E/260.7	-2.55	<a href="#">117</a>
<a href="#">88</a>	GEN	Ottawa-Carleton District School Board Health & Safety	63 Evelyn Avenue Ottawa ON K1S 0C6	E/260.7	-2.55	<a href="#">117</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>88</u></a>	INC		63 EVELYN AVENUE, OTTAWA ON	E/260.7	-2.55	<a href="#"><u>118</u></a>
<a href="#"><u>88</u></a>	SPL	PRIVATE OWNER	63 EVELYN MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1S 0C6	E/260.7	-2.55	<a href="#"><u>11</u></a>
<a href="#"><u>89</u></a>	WWIS		Ottawa ON	NE/263.3	-0.05	<a href="#"><u>119</u></a>
<a href="#"><u>90</u></a>	BORE		ON	WSW/267.9	-2.43	<a href="#"><u>121</u></a>
<a href="#"><u>91</u></a>	WWIS		Ottawa ON	NE/271.4	2.10	<a href="#"><u>122</u></a>
<a href="#"><u>92</u></a>	BORE		ON	W/273.2	-1.76	<a href="#"><u>124</u></a>
<a href="#"><u>93</u></a>	PINC		214 Queen Elizabeth Drive, Ottawa ON	SW/273.2	-1.39	<a href="#"><u>124</u></a>
<a href="#"><u>94</u></a>	GEN	GOLDER ASSOCIATES	5 Pretoria Avenue Ottawa ON	WSW/273.8	-1.62	<a href="#"><u>125</u></a>
<a href="#"><u>95</u></a>	BORE		ON	WNW/274.4	-0.34	<a href="#"><u>125</u></a>
<a href="#"><u>96</u></a>	EHS		176 Greenfield Ave Ottawa ON K1S0Y1	NNE/275.2	-1.15	<a href="#"><u>125</u></a>



# Executive Summary: Summary By Data Source

## **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2014 has found that there are 38 BORE site(s) within approximately 0.28 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	NNE	78.06	<a href="#"><u>7</u></a>
	ON	NNW	108.80	<a href="#"><u>13</u></a>
	ON	NW	110.82	<a href="#"><u>14</u></a>
	ON	N	115.39	<a href="#"><u>16</u></a>
	ON	NNE	137.72	<a href="#"><u>25</u></a>
	ON	W	198.74	<a href="#"><u>52</u></a>
	ON	W	199.27	<a href="#"><u>53</u></a>
	ON	NNE	238.46	<a href="#"><u>68</u></a>
	ON	W	240.64	<a href="#"><u>71</u></a>

<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	SW	92.53	<a href="#"><u>9</u></a>
	ON	WNW	117.34	<a href="#"><u>18</u></a>
	ON	WSW	120.24	<a href="#"><u>19</u></a>
	ON	SW	120.46	<a href="#"><u>20</u></a>
	ON	WSW	135.30	<a href="#"><u>23</u></a>
	ON	WNW	136.25	<a href="#"><u>24</u></a>
	ON	NNW	140.66	<a href="#"><u>26</u></a>
	ON	SW	141.27	<a href="#"><u>27</u></a>

ON	NE	149.84	<a href="#">29</a>
ON	S	153.76	<a href="#">30</a>
ON	WSW	158.04	<a href="#">31</a>
ON	SW	161.05	<a href="#">33</a>
ON	WNW	175.90	<a href="#">37</a>
ON	WSW	177.74	<a href="#">38</a>
ON	W	179.73	<a href="#">41</a>
ON	NNE	187.98	<a href="#">45</a>
ON	SW	189.72	<a href="#">46</a>
ON	N	195.34	<a href="#">50</a>
ON	SE	221.35	<a href="#">61</a>
ON	N	226.25	<a href="#">64</a>
ON	E	226.59	<a href="#">65</a>
ON	N	229.47	<a href="#">66</a>
ON	NW	232.11	<a href="#">67</a>
ON	WNW	249.85	<a href="#">74</a>
ON	SSE	253.26	<a href="#">80</a>
ON	NW	258.43	<a href="#">87</a>
ON	WSW	267.92	<a href="#">90</a>
ON	W	273.15	<a href="#">92</a>
ON	WNW	274.36	<a href="#">95</a>

### **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 10 CA site(s) within approximately 0.28 kilometers of the project property.



<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA CITY	GRAHAM AVE./ECHO DR./MAIN ST. OTTAWA CITY ON	SE	59.29	<a href="#"><u>3</u></a>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Sherbrooke Urban Developments Ltd.	103 Main Street, 43 to 55 Evelyn Avenue Ottawa ON	ESE	206.13	<a href="#"><u>56</u></a>
R.M. OF OTTAWA-CARLETON	QUEEN ELIZABETH DR./PRETORIA OTTAWA CITY ON	WSW	216.29	<a href="#"><u>58</u></a>
155 Echo on the Canal	145-165 Echo Drive Ottawa ON K1S 1M9	N	217.49	<a href="#"><u>59</u></a>
	40 and 44 Main Street Ottawa ON	NNE	217.72	<a href="#"><u>60</u></a>
	40 and 44 Main Street Ottawa ON	NNE	217.72	<a href="#"><u>60</u></a>
THE OTTAWA BOARD OF EDUCATION-PT.LTS.5-8	EVELYN AVE./MAIN ST. OTTAWA CITY ON	SE	239.32	<a href="#"><u>69</u></a>
Main Street Lofts	29 Main Street Ottawa ON K1S 1B1	NNE	248.57	<a href="#"><u>72</u></a>
Main Street Lofts	29 Main Street Ottawa ON K1S 1B1	NNE	248.57	<a href="#"><u>72</u></a>
MICHAEL G. GALLAZKA	123 MAIN STREET (SWM) OTTAWA ON K1S 1B9	ESE	251.35	<a href="#"><u>78</u></a>

### **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011-Mar 2017 has found that there are 1 ECA site(s) within approximately 0.28 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	Elgin Street Elgin St Isabella Street Ottawa ON	WSW	255.49	<a href="#"><u>83</u></a>

### **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Aug 2016 has found that there are 8 EHS site(s) within approximately 0.28 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	56 hawthorne avenue Ottawa ON K1S 0B1	ENE	81.75	<a href="#"><u>8</u></a>
	31 Graham Ave Ottawa ON K1S0B6	E	106.25	<a href="#"><u>12</u></a>
	221 Echo Drive Ottawa ON K1S 1N1	S	128.07	<a href="#"><u>22</u></a>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>

59 Main Street ottawa ON	NE	167.38	<a href="#">34</a>
143 and 145 Echo Drive Ottawa ON	N	225.36	<a href="#">63</a>
29 Main St. Ottawa ON K1S 1B1	NNE	248.57	<a href="#">72</a>
135 Echo Drive Ottawa ON K1S 1M9	N	258.34	<a href="#">86</a>
176 Greenfield Ave Ottawa ON K1S0Y1	NNE	275.21	<a href="#">96</a>

### **EXP - List of TSSA Expired Facilities**

A search of the EXP database, dated Feb 28, 2017 has found that there are 13 EXP site(s) within approximately 0.28 kilometers of the project property.

<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE	252.24	<a href="#">79</a>
R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE	252.24	<a href="#">79</a>
R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE	252.24	<a href="#">79</a>
R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON	NNE	252.24	<a href="#">79</a>
R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE	252.24	<a href="#">79</a>
R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE	252.24	<a href="#">79</a>
R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE	252.24	<a href="#">79</a>
R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE	252.24	<a href="#">79</a>
R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON	NNE	252.24	<a href="#">79</a>
R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON	NNE	252.24	<a href="#">79</a>
R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON	NNE	252.24	<a href="#">79</a>
R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON	NNE	252.24	<a href="#">79</a>

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

A search of the GEN database, dated 1986-Sep 2016 has found that there are 60 GEN site(s) within approximately 0.28 kilometers of the project property.



<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Phat Moose Cycles Inc.	98 Hawthorne Ave. Ottawa ON K1S 0B1	ENE	101.41	<a href="#"><u>11</u></a>
Phat Moose Cycles Inc.	98 Hawthorne Ave. Ottawa ON K1S 0B1	ENE	101.41	<a href="#"><u>11</u></a>
Phat Moose Cycles Inc.	98 Hawthorne Ave. Ottawa ON K1S 0B1	ENE	101.41	<a href="#"><u>11</u></a>
Phat Moose Cycles Inc.	98 Hawthorne Ave. Ottawa ON K1S 0B1	ENE	101.41	<a href="#"><u>11</u></a>
Phat Moose Cycles Inc.	98 Hawthorne Ave. Ottawa ON K1S 0B1	ENE	101.41	<a href="#"><u>11</u></a>
Phat Moose Cycles Inc.	98 Hawthorne Ave. Ottawa ON	ENE	101.41	<a href="#"><u>11</u></a>
Phat Moose Cycles Inc.	98 Hawthorne Ave. Ottawa ON K1S 0B1	ENE	101.41	<a href="#"><u>11</u></a>
Ottawa Catholic District School Board	20 Graham Street Ottawa ON K1S 0B7	ESE	113.30	<a href="#"><u>15</u></a>
Ottawa Catholic District School Board	20 Graham Street Ottawa ON K1S 0B7	ESE	113.30	<a href="#"><u>15</u></a>
Ottawa Catholic District School Board	20 Graham Street Ottawa ON K1S 0B7	ESE	113.30	<a href="#"><u>15</u></a>
Ottawa Catholic District School Board	20 Graham Street Ottawa ON K1S 0B7	ESE	113.30	<a href="#"><u>15</u></a>
Ottawa Catholic District School Board	20 Graham Street Ottawa ON K1S 0B7	ESE	113.30	<a href="#"><u>15</u></a>
Ottawa Catholic District School Board	20 Graham Street Ottawa ON K1S 0B7	ESE	113.30	<a href="#"><u>15</u></a>
Ottawa Catholic District School Board	20 Graham Street Ottawa ON	ESE	113.30	<a href="#"><u>15</u></a>
Ottawa Catholic District School Board	20 Graham Street Ottawa ON K1S0B7	ESE	113.30	<a href="#"><u>15</u></a>
<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
CANAL CYCLES 08-587	19 HAWTHORNE AVE. OTTAWA ON K1S 0A9	NW	39.74	<a href="#"><u>2</u></a>
CANAL CYCLES	19 HAWTHORNE AVENUE OTTAWA ON K1S 0A9	NW	39.74	<a href="#"><u>2</u></a>
CANAL CYCLES	5 HAWTHORNE AVE. OTTAWA ON K1S 0A9	W	59.39	<a href="#"><u>4</u></a>
CAPITAL BIKE 'N BLADE	3 HAWTHORNE AVE. OTTAWA ON K1S 0A9	W	59.39	<a href="#"><u>4</u></a>
CYCO'S INC.	5 HAWTHORNE AVENUE OTTAWA ON K1S 0A9	W	59.39	<a href="#"><u>4</u></a>
DR. A. CHRISTIE	223 ECHO DRIVE OTTAWA ON K1S 1N2	WSW	77.33	<a href="#"><u>6</u></a>
ROGERS CLEANERS	98 MAIN STREET STITTSVILLE ON K1S 1C2	ESE	158.33	<a href="#"><u>32</u></a>

Ali Gharibi	89 main Street Ottawa ON	E	184.35	<a href="#"><u>42</u></a>
Main Cleaners Inc.	89 main Street Ottawa ON	E	184.35	<a href="#"><u>42</u></a>
Ali Gharibi	89 main Street Ottawa ON K1S 1B7	E	184.35	<a href="#"><u>42</u></a>
MAIN CLEANERS	89 MAIN STREET OTTAWA ON K1S 1B8	E	185.03	<a href="#"><u>44</u></a>
MAIN CLEANERS	89 MAIN STREET OTTAWA ON K1S 1B7	E	185.03	<a href="#"><u>44</u></a>
MAIN CLEANERS	89 MAIN STREET OTTAWA ON K1S 1B7	E	185.03	<a href="#"><u>44</u></a>
Siddiquir Rahman	44 Lees Avenue Ottawa ON K1S 0B9	E	215.42	<a href="#"><u>57</u></a>
LEVINSON-VINER IN TRUST	150 QUEEN ELIZABETH DRIVEWAY OTTAWA ON K2P 1E7	WNW	249.37	<a href="#"><u>73</u></a>
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	WNW	249.37	<a href="#"><u>73</u></a>
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	WNW	249.37	<a href="#"><u>73</u></a>
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	WNW	249.37	<a href="#"><u>73</u></a>
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	WNW	249.37	<a href="#"><u>73</u></a>
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	WNW	250.44	<a href="#"><u>76</u></a>
Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON	SSE	253.89	<a href="#"><u>81</u></a>
Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE	253.89	<a href="#"><u>81</u></a>
CLV Group	150 Queen Elizabeth Driveway Ottawa ON K2P 1E7	WNW	254.07	<a href="#"><u>82</u></a>
Paramount Properties	150 Queen Elizabeth Drive Ottawa ON	WNW	254.07	<a href="#"><u>82</u></a>
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON	WNW	254.07	<a href="#"><u>82</u></a>
Paramount Properties	150 Queen Elizabeth Drive Ottawa ON	WNW	254.07	<a href="#"><u>82</u></a>
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON	WNW	254.07	<a href="#"><u>82</u></a>
City Of Ottawa Public Works	Hawthron & Elgin City of Ottawa ON	WSW	257.03	<a href="#"><u>84</u></a>
OTTAWA-CARLETON CATHOLIC SCHOOL BOARD	IMMACULATA HIGH SCHOOL 140 MAIN STREET OTTAWA ON K1S 5P4	SSE	257.28	<a href="#"><u>85</u></a>
Ottawa-Carleton Catholic School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE	257.28	<a href="#"><u>85</u></a>
Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE	257.28	<a href="#"><u>85</u></a>



Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE	257.28	<a href="#"><u>85</u></a>
Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE	257.28	<a href="#"><u>85</u></a>
Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE	257.28	<a href="#"><u>85</u></a>
Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE	257.28	<a href="#"><u>85</u></a>
Ottawa Catholic District School Board	Immaculata High School 140 Main Street Ottawa ON K1S 5P4	SSE	257.28	<a href="#"><u>85</u></a>
OTTAWA R.C. SEPARATE SCHOOL BOARD	IMMACULATA HIGH SCHOOL 140 MAIN STREET OTTAWA ON K1S 5P4	SSE	257.28	<a href="#"><u>85</u></a>
Ottawa-Carleton District School Board Health & Safety	63 Evelyn Avenue Ottawa ON K1S 0C6	E	260.69	<a href="#"><u>88</u></a>
Ottawa-Carleton District School Board	63 Evelyn Avenue Ottawa ON K1S 0C6	E	260.69	<a href="#"><u>88</u></a>
Ottawa-Carleton District School Board	63 Evelyn Avenue Ottawa ON K1S 0C6	E	260.69	<a href="#"><u>88</u></a>
Ottawa-Carleton District School Board	63 Evelyn Avenue Ottawa ON K1S 0C6	E	260.69	<a href="#"><u>88</u></a>
Ottawa-Carleton District School Board	63 Evelyn Avenue Ottawa ON K1S 0C6	E	260.69	<a href="#"><u>88</u></a>
Ottawa-Carleton District School Board	63 Evelyn Avenue Ottawa ON K1S 0C6	E	260.69	<a href="#"><u>88</u></a>
Ottawa-Carleton District School Board Health & Safety	63 Evelyn Avenue Ottawa ON K1S 0C6	E	260.69	<a href="#"><u>88</u></a>
GOLDER ASSOCIATES	5 Pretoria Avenue Ottawa ON	WSW	273.83	<a href="#"><u>94</u></a>

### **INC - TSSA Incidents**

A search of the INC database, dated Feb 28, 2017 has found that there are 3 INC site(s) within approximately 0.28 kilometers of the project property.

<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	22 HAWTHORNE AVENUE, OTTAWA ON	SSW	17.57	<a href="#"><u>1</u></a>
	22 HAWTHORNE AVE, OTTAWA ON	SSW	17.57	<a href="#"><u>1</u></a>
	63 EVELYN AVENUE, OTTAWA ON	E	260.69	<a href="#"><u>88</u></a>

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

A search of the PINC database, dated Feb 28, 2017 has found that there are 3 PINC site(s) within approximately 0.28 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	83 MAIN STREET, OTTAWA ON	E	168.23	<a href="#"><u>35</u></a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	47 LEES AVE, OTTAWA ON	ENE	221.64	<a href="#">62</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	214 Queen Elizabeth Drive, Ottawa ON	SW	273.18	<a href="#">93</a>

### **PRT - Private and Retail Fuel Storage Tanks**

A search of the PRT database, dated 1989-1996\* has found that there are 1 PRT site(s) within approximately 0.28 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
R M FEDORCHUK LTD	29 MAIN ST OTTAWA ON K1S 1B1	NNE	248.57	<a href="#">72</a>

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

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Dec 2016 has found that there are 2 RSC site(s) within approximately 0.28 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	145-159 Echo Drive, 163-165 Echo Drive, 23-25 Harvey Street Ottawa ON	N	203.22	<a href="#">55</a>
	29 Main St. Ottawa ON K1S 1B1	NNE	248.57	<a href="#">72</a>

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

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 1 SCT site(s) within approximately 0.28 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
T-Base Communications Inc.	50 Main St Ottawa ON K1S 1B2	NNE	184.43	<a href="#">43</a>

### **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Dec 2016 has found that there are 6 SPL site(s) within approximately 0.28 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Bruce Fuels<UNOFFICIAL>	22 Hawthorne Ave Ottawa ON K1S 0B1	SSW	17.57	<a href="#">1</a>
Parks Canada (Rideau Canal)	Colonel By Dr. & Hawthorne Ave. Intersection Ottawa ON	WSW	95.29	<a href="#">10</a>
SHELL CANADA PRODUCTS LTD.	29 MAIN STREET, K1S 1B1 TANK TRUCK (CARGO) OTTAWA CITY ON K1S 1B1	NNE	248.57	<a href="#">72</a>



OTTAWA HYDRO	QUEEN ELISABETH & CARTIER. TRANSFORMER	NW	249.93	<a href="#">75</a>
DRAIN-ALL LTD.	OTTAWA CITY ON INTERSECTION OF ISABELLA AND ELGIN TANK TRUCK (CARGO)	WSW	251.17	<a href="#">77</a>
PRIVATE OWNER	GLOUCESTER CITY ON 63 EVELYN MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1S 0C6	E	260.69	<a href="#">88</a>

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

A search of the WWIS database, dated Jun 30, 2016 has found that there are 17 WWIS site(s) within approximately 0.28 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	Ottawa ON	E	75.50	<a href="#">5</a>
	Ottawa ON	E	116.38	<a href="#">17</a>
	Ottawa ON	E	124.52	<a href="#">21</a>
	OTTAWA ON	ENE	171.99	<a href="#">36</a>
	OTTAWA ON	NE	178.71	<a href="#">39</a>
	Ottawa ON	NE	179.05	<a href="#">40</a>
	OTTAWA ON	NE	190.47	<a href="#">47</a>
	OTTAWA ON	NE	190.47	<a href="#">47</a>
	Ottawa ON	NE	194.24	<a href="#">49</a>
	Ottawa ON	NE	197.25	<a href="#">51</a>
	Ottawa ON	NE	197.25	<a href="#">51</a>
	Ottawa ON	NE	202.75	<a href="#">54</a>
	Ottawa ON	NE	240.32	<a href="#">70</a>
	Ottawa ON	NE	271.44	<a href="#">91</a>
<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	Ottawa ON	NW	148.22	<a href="#">28</a>
	Ottawa ON	NNW	192.94	<a href="#">48</a>

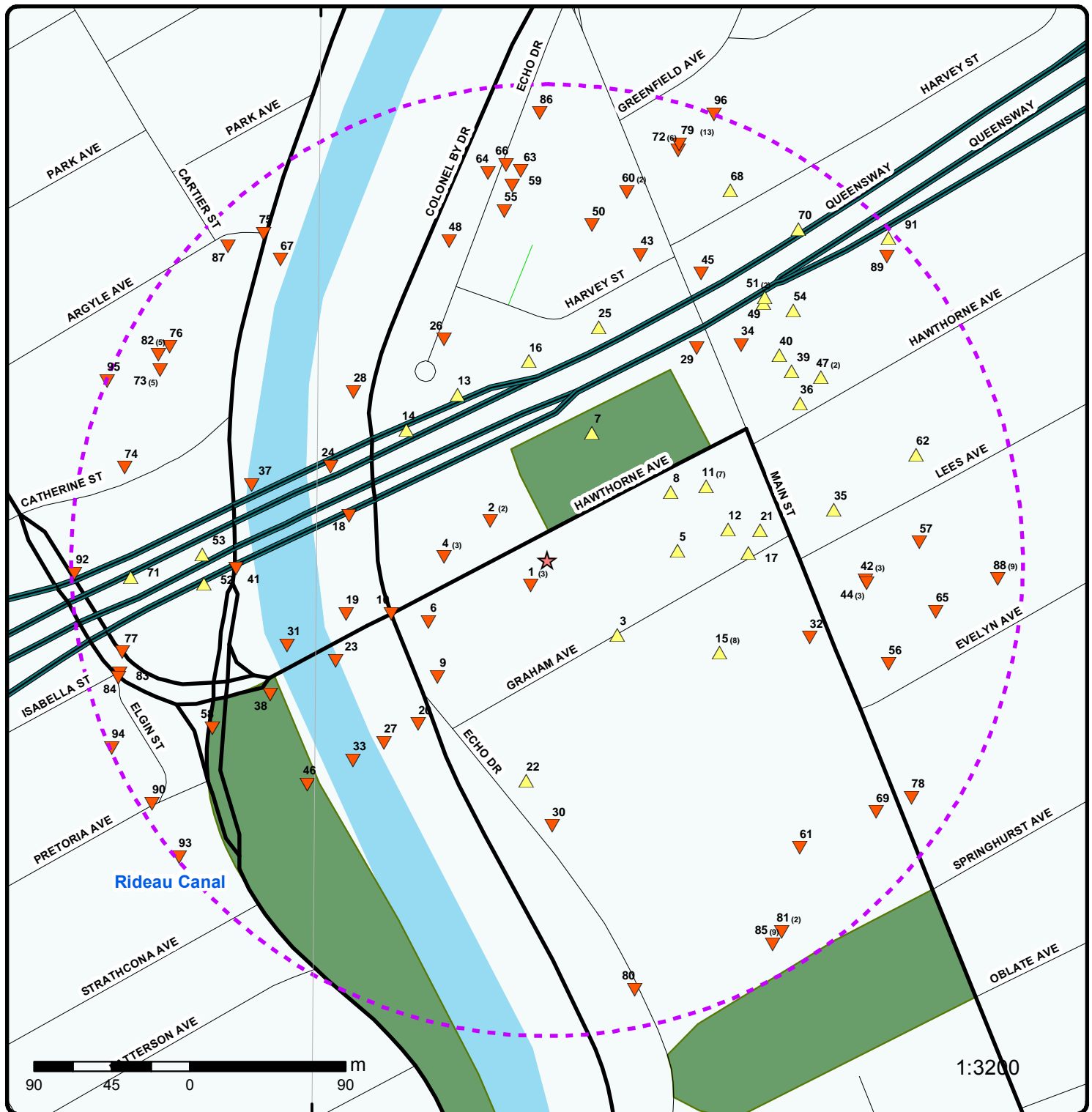
Ottawa ON

NE

263.26

89





## Map : 0.275 Kilometer Radius

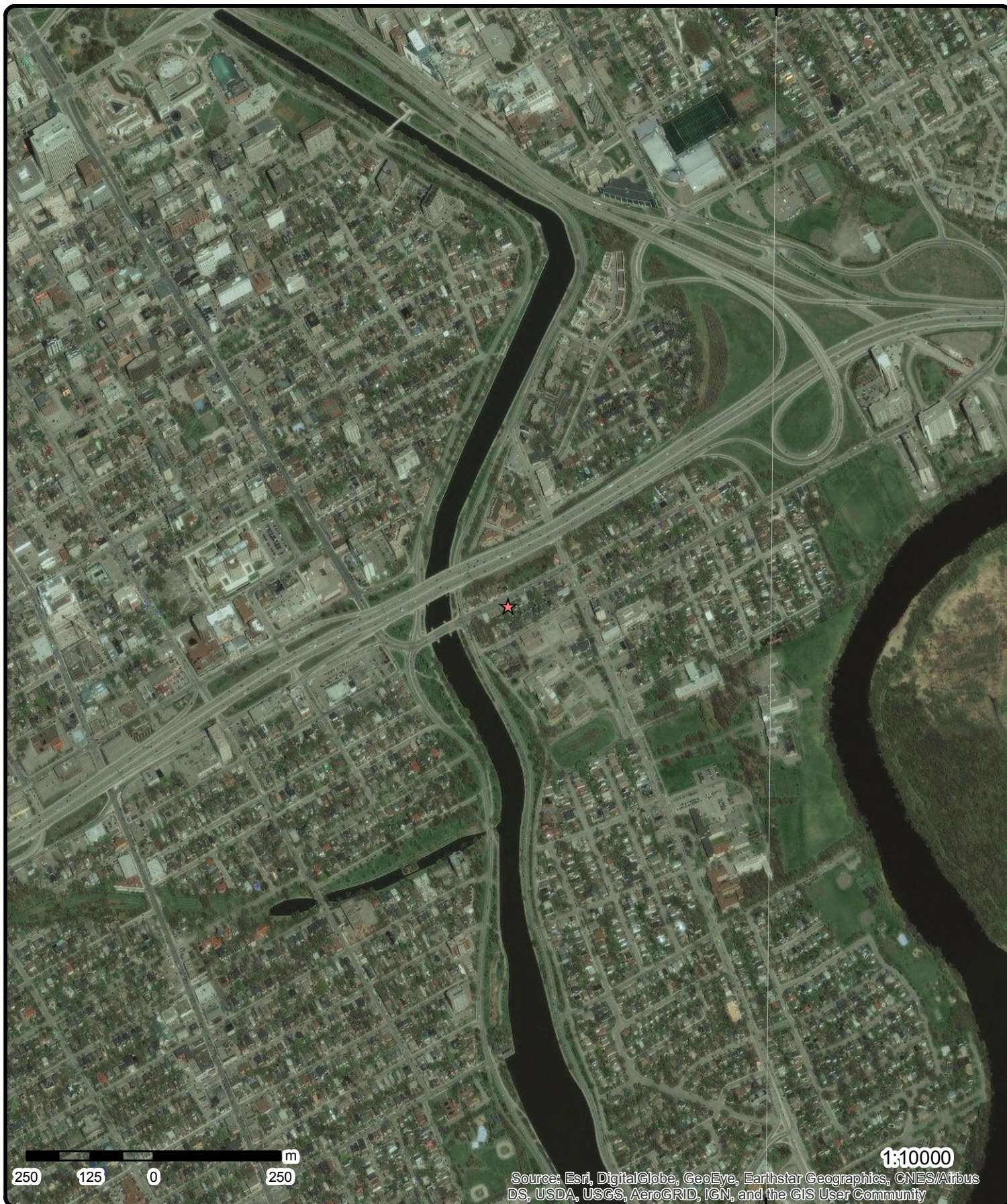
Order No: 20170410149

Address: 24 Hawthorne Avenue, Ottawa, ON



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





# Aerial

**Address: 24 Hawthorne Avenue, Ottawa, ON**

Source: ESRI World Imagery

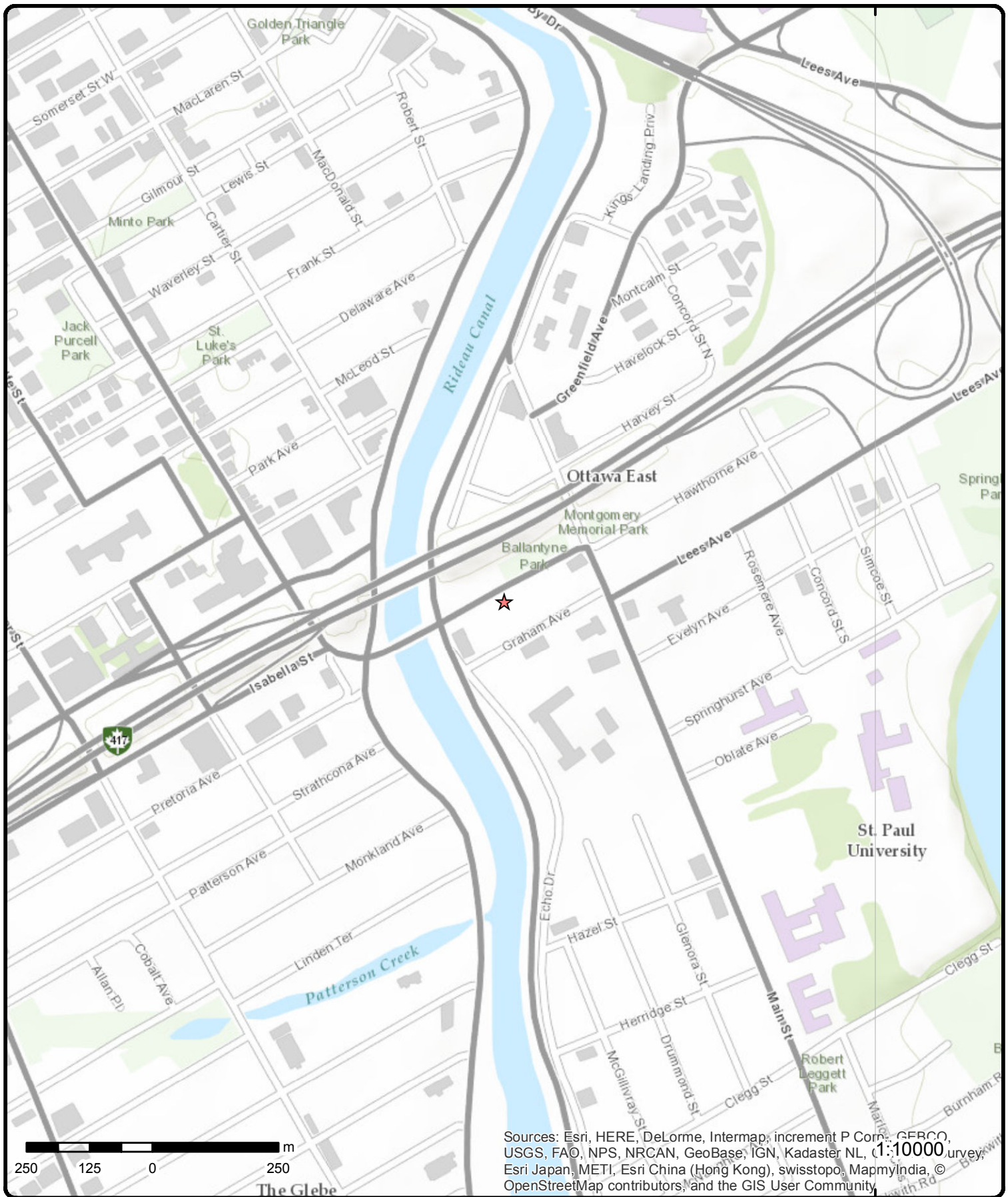
Order No: 20170410149

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



© ERIS Information Limited Partnership





# Topographic Map

**Address: 24 Hawthorne Avenue, Ottawa, ON**

**Source:** ESRI World Topographic Map

Order No: 20170410149



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">1</a>	1 of 3	SSW/17.6	68.9	22 HAWTHORNE AVE, OTTAWA ON	INC
<b>Incident No:</b> 1986614 <b>Incident ID:</b> <b>Attribute Category:</b> FS-Perform L1 Incident Insp <b>Status Code:</b> <b>Incident Location:</b> 22 HAWTHORNE AVE, OTTAWA - LEAK <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>Pipeline Type:</b> <b>Pipeline Involved:</b> <b>Pipe Material:</b> <b>Depth Ground Cover:</b> <b>Regulator Location:</b> <b>Regulator Type:</b> <b>Operation Pressure:</b> <b>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>Fuels Occurrence Type:</b> Leak <b>Fuel Type Involved:</b> Fuel Oil <b>Date of Occurrence:</b> 2016/12/01 00:00:00 <b>Time of Occurrence:</b> 14:19:00 <b>Occur Insp Start Date:</b> 2016/12/02 00:00:00 <b>Any Health Impact:</b> No <b>Any Environmental Impact:</b> Yes <b>Was Service Interrupted:</b> Yes <b>Was Property Damaged:</b> Yes <b>Operation Type Involved:</b> Private Dwelling <b>Enforcement Policy:</b> NULL <b>Prc Escalation Required:</b> NULL <b>Task No:</b> 6457903 <b>Notes:</b> <b>Occurrence Narrative:</b> Residential outside above ground fuel oil storage tank leaked fuel onto the ground. <b>Tank Material Type:</b> <b>Tank Storage Type:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Tank Location Type:</b> <b>Pump Flow Rate Capac:</b> <b>Liquid Prop Notes:</b>					
<a href="#">1</a>	2 of 3	SSW/17.6	68.9	22 HAWTHORNE AVENUE, OTTAWA ON	INC
<b>Incident No:</b> 2025932 <b>Incident ID:</b> <b>Attribute Category:</b> FS-Perform L1 Incident Insp <b>Status Code:</b> <b>Incident Location:</b> 22 HAWTHORNE AVENUE, OTTAWA - LEAK <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>Pipeline Type:</b> <b>Pipeline Involved:</b> <b>Pipe Material:</b> <b>Depth Ground Cover:</b> <b>Regulator Location:</b> <b>Regulator Type:</b> <b>Operation Pressure:</b> <b>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>Fuels Occurrence Type:</b> Leak <b>Fuel Type Involved:</b> Fuel Oil <b>Date of Occurrence:</b> 2016/11/18 00:00:00 <b>Time of Occurrence:</b> 14:19:00 <b>Occur Insp Start Date:</b> 2016/12/02 00:00:00 <b>Any Health Impact:</b> No <b>Any Environmental Impact:</b> Yes <b>Was Service Interrupted:</b> Yes <b>Was Property Damaged:</b> Yes <b>Operation Type Involved:</b> Private Dwelling <b>Enforcement Policy:</b> NULL <b>Prc Escalation Required:</b> NULL <b>Task No:</b> 6633549 <b>Notes:</b> <b>Occurrence Narrative:</b> Residential fuel oil leak. <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>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">1</a>	3 of 3	SSW/17.6	68.9	Bruce Fuels<UNOFFICIAL> 22 Hawthorne Ave Ottawa ON K1S 0B1	SPL
<b>Ref No:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Quantity:</b> <b>Incident Cause:</b> <b>Incident Dt:</b> <b>Incident Reason:</b> <b>Incident Summary:</b> <b>MOE Reported Dt:</b> <b>Environmental Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>SAC Action Class:</b> <b>Sector Source Type:</b> <b>Receiving Environment:</b> <b>Incident Event:</b> <b>Site Municipality:</b>		4827-AG8QNH 13 FURNACE OIL 200 L 2016/11/18 Equipment Failure TSSA: AST furnace oil leak, 200 L 2016/12/01 TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Miscellaneous Communal Land Leak/Break Ottawa			
<a href="#">2</a>	1 of 2	NW/39.7	68.7	CANAL CYCLES 19 HAWTHORNE AVE. OTTAWA ON K1S 0A9	08-587 GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> <b>Approval Yrs.:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON1267200 92,93,94,95,96,97,98 6542 BICYCLE SHOPS			
<b>--Details--</b> <b>Waste Code:</b> <b>Waste Description:</b>		213 PETROLEUM DISTILLATES			
<a href="#">2</a>	2 of 2	NW/39.7	68.7	CANAL CYCLES 19 HAWTHORNE AVENUE OTTAWA ON K1S 0A9	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> <b>Approval Yrs.:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON1267200 99,00,01 6542 BICYCLE SHOPS			
<b>--Details--</b> <b>Waste Code:</b> <b>Waste Description:</b>		213 PETROLEUM DISTILLATES			
<a href="#">3</a>	1 of 1	SE/59.3	69.5	OTTAWA CITY GRAHAM AVE./ECHO DR./MAIN ST. OTTAWA CITY ON	CA



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Certificate #:</b> 3-0502-95- <b>Application Year:</b> 95 <b>Issue Date:</b> 5/24/1995 <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>					
<a href="#">4</a>	1 of 3	W/59.4	68.6	CANAL CYCLES 5 HAWTHORNE AVE. OTTAWA ON K1S 0A9	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON1267200 <b>Approval Yrs::</b> 89 <b>SIC Code:</b> 6542 <b>SIC Description:</b> BICYCLE SHOPS  <b>--Details--</b> <b>Waste Code:</b> 213 <b>Waste Description:</b> PETROLEUM DISTILLATES					
<a href="#">4</a>	2 of 3	W/59.4	68.6	CAPITAL BIKE 'N BLADE 3 HAWTHORNE AVE. OTTAWA ON K1S 0A9	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON1839900 <b>Approval Yrs::</b> 94,95,96,97,98 <b>SIC Code:</b> 6541 <b>SIC Description:</b> SPORTING GOODS STORE  <b>--Details--</b> <b>Waste Code:</b> 213 <b>Waste Description:</b> PETROLEUM DISTILLATES					
<a href="#">4</a>	3 of 3	W/59.4	68.6	CYCO'S INC. 5 HAWTHORNE AVENUE OTTAWA ON K1S 0A9	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON2119400 <b>Approval Yrs::</b> 96,97,98,99,00,01 <b>SIC Code:</b> 9999 <b>SIC Description:</b> OTHER SERVICES					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>--Details--</b>					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
<a href="#">5</a>	1 of 1	E/75.5	70.1	Ottawa ON	WWIS
Well ID:	7235381			Lot:	
Construction Date::				Concession:	
Primary Water Use::	Test Hole			Concession Name:	
Sec. Water Use::	Monitoring			Easting NAD83::	
Final Well Status::	Monitoring and Test Hole			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	NEPEAN TOWNSHIP			UTM Reliability::	
County:	OTTAWA-CARLETON				
<b>Bore Hole Information</b>					
--	--				
Bore Hole ID:	1005279677				
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:	05-DEC-14				
Remarks:					
Zone:	18				
East 83:	446740				
North 83:	5028954				
UTMRC:	4				
UTMRC Description:	margin of error : 30 m - 100 m				
Location Method:	wwr				
Org CS:	UTM83				
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--	--				
<b>Overburden and Bedrock</b>					
<b>Materials Interval</b>					
--	--				
Formation ID:	1005479937				
Layer:	1				
General Color:	BLACK				
Most Common Material:	GRAVEL				
Other Materials:					
Other Materials:	LOOSE				
Formation Top Depth:	0				
Formation End Depth:	.61				
Formation End Depth UOM:	m				
--	--				
Formation ID:	1005479938				
Layer:	2				
General Color:	BROWN				
Most Common Material:	FINE SAND				
Other Materials:					
Other Materials:	SOFT				
Formation Top Depth:	.61				
Formation End Depth:	2.74				



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation End Depth UOM:</b>		m			
--		--			
<b>Formation ID:</b>		1005479939			
<b>Layer:</b>		3			
<b>General Color:</b>		BROWN			
<b>Most Common Material:</b>		CLAY			
<b>Other Materials:</b>		SILT			
<b>Other Materials:</b>		SOFT			
<b>Formation Top Depth:</b>		2.74			
<b>Formation End Depth:</b>		3.66			
<b>Formation End Depth UOM:</b>		m			
--		--			
<b>Formation ID:</b>		1005479940			
<b>Layer:</b>		4			
<b>General Color:</b>		GREY			
<b>Most Common Material:</b>		CLAY			
<b>Other Materials:</b>					
<b>Other Materials:</b>		SOFT			
<b>Formation Top Depth:</b>		3.66			
<b>Formation End Depth:</b>		6.1			
<b>Formation End Depth UOM:</b>		m			
--		--			
<b>Annular Space/Abandonment Sealing Record</b>					
--		--			
<b>Plug ID:</b>		1005479948			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		.31			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Plug ID:</b>		1005479949			
<b>Layer:</b>		2			
<b>Plug From:</b>		.31			
<b>Plug To:</b>		2.74			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Plug ID:</b>		1005479950			
<b>Layer:</b>		3			
<b>Plug From:</b>		2.74			
<b>Plug To:</b>		6.1			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Method of Construction &amp; Well Use</b>					
--		--			
<b>Method Construction ID:</b>		1005479947			
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>					
--		--			
<b>Pipe Information</b>					
--		--			
<b>Pipe ID:</b>		1005479936			
<b>Casing Number:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
--		--			
<b>Construction Record - Casing</b>					
--		--			
<b>Casing ID:</b>		1005479943			
<b>Layer:</b>		1			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		3.1			
<b>Casing Diameter:</b>		4.03			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Casing Diameter UOM:</b> cm <b>Casing Depth UOM:</b> m -- -- <b>Construction Record - Screen</b> -- <b>Screen ID:</b> 1005479944 <b>Layer:</b> 1 <b>Slot:</b> 10 <b>Screen Top Depth:</b> 3.1 <b>Screen End Depth:</b> 6.1 <b>Screen Material:</b> 5 <b>Screen Depth UOM:</b> m <b>Screen Diameter UOM:</b> cm <b>Screen Diameter:</b> 4.82 -- <b>Hole Diameter</b> -- <b>Hole ID:</b> 1005479941 <b>Diameter:</b> 8.25 <b>Depth From:</b> 0 <b>Depth To:</b> 6.1 <b>Hole Depth UOM:</b> m <b>Hole Diameter UOM:</b> cm -- --					
<a href="#">6</a>	1 of 1	WSW/77.3	68.7	DR. A. CHRISTIE 223 ECHO DRIVE OTTAWA ON K1S 1N2	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON2100300 <b>Approval Yrs::</b> 95,96,97,98,99,00,01 <b>SIC Code:</b> 8653 <b>SIC Description:</b> DENTISTS, GP., OFF.  <b>--Details--</b> <b>Waste Code:</b> 212 <b>Waste Description:</b> ALIPHATIC SOLVENTS					
<a href="#">7</a>	1 of 1	NNE/78.1	70.0	ON	BORE
<b>Borehole ID:</b> 613238 <b>Use:</b> <b>Drill Method::</b> <b>Easting::</b> 446691 <b>Location Accuracy::</b> <b>Elev. Reliability Note::</b> <b>Total Depth m::</b> 5.3 <b>Township::</b> <b>Lot::</b> <b>Completion Date::</b> JUL-1962 <b>Primary Water Use::</b>  <b>--Details--</b> <b>Stratum ID:</b> 218394278 <b>Bottom Depth(m):</b> 1.5					
<b>Type:</b> Borehole <b>Status::</b> <b>UTM Zone::</b> 18 <b>Northing::</b> 5029022 <b>Orig. Ground Elev m::</b> 68.6 <b>DEM Ground Elev m::</b> 70.9 <b>Primary Name::</b> <b>Concession::</b> <b>Municipality:</b> <b>Static Water Level::</b> -999.9 <b>Sec. Water Use::</b>  <b>Top Depth(m):</b> 0.0 <b>Stratum Desc:</b> SAND.					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Stratum ID:</b>	218394279			<b>Top Depth(m):</b>	1.5
<b>Bottom Depth(m):</b>	2.6			<b>Stratum Desc:</b>	SAND-FINE TO MEDIUM.DENSE.
<b>Stratum ID:</b>	218394280			<b>Top Depth(m):</b>	2.6
<b>Bottom Depth(m):</b>	3.0			<b>Stratum Desc:</b>	CLAY. BLUE,GREY,STIFF,FISSURED.
<b>Stratum ID:</b>	218394281			<b>Top Depth(m):</b>	3.0
<b>Bottom Depth(m):</b>	5.3			<b>Stratum Desc:</b>	CLAY. GREY,STIFF,FISSURED. 00000 013 00050 018 00085 060 00100 079 00000012000500

<b>8</b>	1 of 1	<b>ENE/81.7</b>	<b>69.6</b>	<b>56 hawthorne avenue Ottawa ON K1S 0B1</b>	<b>EHS</b>
<b>Postal Code:</b>					
<b>City:</b>					
<b>Address2:</b>					
<b>Address1:</b>					
<b>Provstate:</b>					
<b>Order No.:</b>					
<b>Addit. Info Ordered::</b>					
<b>Report Date:</b>					
<b>Report Type:</b>					
<b>Search Radius (km):</b>					

<b>9</b>	1 of 1	<b>SW/92.5</b>	<b>68.9</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>					
<b>Use:</b>					
<b>Drill Method::</b>					
<b>Easting::</b>					
<b>Location Accuracy::</b>					
<b>Elev. Reliability Note::</b>					
<b>Total Depth m::</b>					
<b>Township::</b>					
<b>Lot::</b>					
<b>Completion Date::</b>					
<b>Primary Water Use::</b>					
<b>Type:</b>					
<b>Status::</b>					
<b>UTM Zone::</b>					
<b>Northing::</b>					
<b>Orig. Ground Elev m::</b>					
<b>DEM Ground Elev m::</b>					
<b>Primary Name::</b>					
<b>Concession::</b>					
<b>Municipality:</b>					
<b>Static Water Level::</b>					
<b>Sec. Water Use::</b>					
<b>--Details--</b>					
<b>Stratum ID:</b>	218573128			<b>Top Depth(m):</b>	1.3
<b>Bottom Depth(m):</b>	4.3			<b>Stratum Desc:</b>	Grey-Brown Very Stiff Weathered Crust Silty Clay
<b>Stratum ID:</b>	218573123			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Asphalt
<b>Stratum ID:</b>	218573124			<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	Dark Grey Crushed Stone
<b>Stratum ID:</b>	218573125			<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>	0.5			<b>Stratum Desc:</b>	Dark Brown Topsoil Silt - Sand
<b>Stratum ID:</b>	218573126			<b>Top Depth(m):</b>	0.5
<b>Bottom Depth(m):</b>	0.8			<b>Stratum Desc:</b>	Brown Silt - Sand
<b>Stratum ID:</b>	218573127			<b>Top Depth(m):</b>	0.8
<b>Bottom Depth(m):</b>	1.3			<b>Stratum Desc:</b>	Brown Compact Sand

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">10</a>	1 of 1	WSW/95.3	68.4	Parks Canada (Rideau Canal) Colonel By Dr. & Hawthorne Ave. Intersection Ottawa ON	SPL
<b>Ref No:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Quantity:</b> <b>Incident Cause:</b> <b>Incident Dt:</b> <b>Incident Reason:</b> <b>Incident Summary:</b> <b>MOE Reported Dt:</b> <b>Environmental Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>SAC Action Class:</b> <b>Sector Source Type:</b> <b>Receiving Environment:</b> <b>Incident Event:</b> <b>Site Municipality:</b>		3152-7RFPDE  OIL (PETROLEUM BASED, NOT SPECIFIED)  Unknown   Oil sheen on Rideau Canal 4/25/2009 Possible Surface Water Pollution  Watercourse Spills      Ottawa			
<a href="#">11</a>	1 of 7	ENE/101.4	69.8	Phat Moose Cycles Inc. 98 Hawthorne Ave. Ottawa ON K1S 0B1	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> <b>Approval Yrs::</b> <b>SIC Code:</b> <b>SIC Description:</b>		   ON4409544 As of May 2015        			
<b>--Details--</b>					
<b>Waste Code:</b> <b>Waste Description:</b>		251 Waste oils/sludges (petroleum based)			
<b>Waste Code:</b> <b>Waste Description:</b>		213 Petroleum distillates			
<a href="#">11</a>	2 of 7	ENE/101.4	69.8	Phat Moose Cycles Inc. 98 Hawthorne Ave. Ottawa ON K1S 0B1	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> <b>Approval Yrs::</b> <b>SIC Code:</b> <b>SIC Description:</b>		   ON4409544 2009 451110 Sporting Goods Stores			
<b>--Details--</b>					
<b>Waste Code:</b> <b>Waste Description:</b>		213 PETROLEUM DISTILLATES			
<b>Waste Code:</b> <b>Waste Description:</b>		251 OIL SKIMMINGS & SLUDGES			



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">11</a>	3 of 7	ENE/101.4	69.8	Phat Moose Cycles Inc. 98 Hawthorne Ave. Ottawa ON K1S 0B1	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON4409544 <b>Approval Yrs.:</b> 2010 <b>SIC Code:</b> 451110 <b>SIC Description:</b> Sporting Goods Stores					
<b>--Details--</b>					
<b>Waste Code:</b> 213 <b>Waste Description:</b> PETROLEUM DISTILLATES					
<b>Waste Code:</b> 251 <b>Waste Description:</b> OIL SKIMMINGS & SLUDGES					
<a href="#">11</a>	4 of 7	ENE/101.4	69.8	Phat Moose Cycles Inc. 98 Hawthorne Ave. Ottawa ON K1S 0B1	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON4409544 <b>Approval Yrs.:</b> 2011 <b>SIC Code:</b> 451110 <b>SIC Description:</b> Sporting Goods Stores					
<b>--Details--</b>					
<b>Waste Code:</b> 251 <b>Waste Description:</b> OIL SKIMMINGS & SLUDGES					
<b>Waste Code:</b> 213 <b>Waste Description:</b> PETROLEUM DISTILLATES					
<a href="#">11</a>	5 of 7	ENE/101.4	69.8	Phat Moose Cycles Inc. 98 Hawthorne Ave. Ottawa ON K1S 0B1	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON4409544 <b>Approval Yrs.:</b> 2012 <b>SIC Code:</b> 451110 <b>SIC Description:</b> Sporting Goods Stores					
<b>--Details--</b>					
<b>Waste Code:</b> 251 <b>Waste Description:</b> OIL SKIMMINGS & SLUDGES					
<b>Waste Code:</b> 213 <b>Waste Description:</b> PETROLEUM DISTILLATES					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">11</a>	6 of 7	ENE/101.4	69.8	Phat Moose Cycles Inc. 98 Hawthorne Ave. Ottawa ON	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON4409544 <b>Approval Yrs::</b> 2013 <b>SIC Code:</b> 451110 <b>SIC Description:</b> SPORTING GOODS STORES					
<b>--Details--</b>					
<b>Waste Code:</b> 251 <b>Waste Description:</b> OIL SKIMMINGS & SLUDGES					
<b>Waste Code:</b> 213 <b>Waste Description:</b> PETROLEUM DISTILLATES					
<a href="#">11</a>	7 of 7	ENE/101.4	69.8	Phat Moose Cycles Inc. 98 Hawthorne Ave. Ottawa ON K1S 0B1	GEN
<b>PO Box Num:</b> <b>Status:</b> Registered <b>Country:</b> Canada <b>Generator #:</b> ON4409544 <b>Approval Yrs::</b> As of Sep 2016 <b>SIC Code:</b> <b>SIC Description:</b>					
<b>--Details--</b>					
<b>Waste Code:</b> 213 I <b>Waste Description:</b> Petroleum distillates					
<b>Waste Code:</b> 251 L <b>Waste Description:</b> Waste oils/sludges (petroleum based)					
<a href="#">12</a>	1 of 1	E/106.3	70.0	31 Graham Ave Ottawa ON K1S0B6	EHS
<b>Postal Code:</b> <b>City:</b> <b>Address2:</b> <b>Address1:</b> <b>Provstate:</b> <b>Order No.:</b> 20140916034 <b>Addit. Info Ordered::</b> City Directory <b>Report Date:</b> 22-SEP-14 <b>Report Type:</b> Standard Report <b>Search Radius (km):</b> .25					
<a href="#">13</a>	1 of 1	NNW/108.8	75.3	ON	BORE
<b>Borehole ID:</b> 847600 <b>Use:</b> Geotechnical/Geological Investigation <b>Drill Method::</b> Diamond Drill <b>Easting::</b> 446613 <b>Type:</b> Borehole <b>Status::</b> Decommissioned <b>UTM Zone::</b> 18 <b>Northing::</b> 5029044					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	67.7
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	71.2
<b>Total Depth m::</b>	10.1			<b>Primary Name::</b>	
<b>Township::</b>	NEPEAN			<b>Concession::</b>	BROKEN FRONT C
<b>Lot::</b>	LOT F			<b>Municipality:</b>	
<b>Completion Date::</b>	30-NOV-1961			<b>Static Water Level::</b>	1.8
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6558156			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.9			<b>Stratum Desc:</b>	LOOSE BROWN SAND AND BLACK CINDERS FILL
<b>Stratum ID:</b>	6558157			<b>Top Depth(m):</b>	0.9
<b>Bottom Depth(m):</b>	1.0			<b>Stratum Desc:</b>	SOFT DARK BROWN PEAT
<b>Stratum ID:</b>	6558158			<b>Top Depth(m):</b>	1.0
<b>Bottom Depth(m):</b>	2.2			<b>Stratum Desc:</b>	LOOSE GREY BROWN SANDY SILT SOME CLAY
<b>Stratum ID:</b>	6558159			<b>Top Depth(m):</b>	2.2
<b>Bottom Depth(m):</b>	9.0			<b>Stratum Desc:</b>	STIFF GREY CLAY SOME SILT
<b>Stratum ID:</b>	6558160			<b>Top Depth(m):</b>	9.0
<b>Bottom Depth(m):</b>	10.1			<b>Stratum Desc:</b>	STIFF GREY SILTY CLAY TRACE FINE SAND

14

1 of 1

NW/110.8

75.5

ON

BORE

**Borehole ID:** 847433  
**Use:** Geotechnical/Geological Investigation  
**Drill Method::** Diamond Drill  
**Easting::** 446583  
**Location Accuracy::**  
**Elev. Reliability Note::**  
**Total Depth m::** 38.1  
**Township::** NEPEAN  
**Lot::** LOT F  
**Completion Date::** 07-FEB-1961  
**Primary Water Use::**

**Type:** Borehole  
**Status::** Decommissioned  
**UTM Zone::** 18  
**Northing::** 5029024  
**Orig. Ground Elev m::** 67.8  
**DEM Ground Elev m::** 71.9  
**Primary Name::**  
**Concession::** BROKEN FRONT C  
**Municipality:**  
**Static Water Level::** -999.9  
**Sec. Water Use::**

**--Details--**

<b>Stratum ID:</b>	6557499	<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	2.4	<b>Stratum Desc:</b>	LOOSE BROWN SILTY FINE SAND
<b>Stratum ID:</b>	6557500	<b>Top Depth(m):</b>	2.4
<b>Bottom Depth(m):</b>	8.8	<b>Stratum Desc:</b>	STIFF GREY CLAY SOME SILT TRACE FINE SAND
<b>Stratum ID:</b>	6557501	<b>Top Depth(m):</b>	8.8
<b>Bottom Depth(m):</b>	20.1	<b>Stratum Desc:</b>	STIFF GREY SILTY CLAY SOME FINE SAND
<b>Stratum ID:</b>	6557502	<b>Top Depth(m):</b>	20.1
<b>Bottom Depth(m):</b>	32.3	<b>Stratum Desc:</b>	COMPACT TO DENSE GREY SILT SOME FINE SAND TRACE OF CLAY
<b>Stratum ID:</b>	6557503	<b>Top Depth(m):</b>	32.3
<b>Bottom Depth(m):</b>	33.1	<b>Stratum Desc:</b>	VERY DENSE BROWN SANDY TILL
<b>Stratum ID:</b>	6557504	<b>Top Depth(m):</b>	33.1
<b>Bottom Depth(m):</b>	38.1	<b>Stratum Desc:</b>	DARK GREY SHALE BEDROCK

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">15</a>	1 of 8	ESE/113.3	69.4	Ottawa Catholic District School Board 20 Graham Street Ottawa ON K1S 0B7	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON3653326 <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>Waste Code:</b>		263			
<b>Waste Description:</b>		Misc. waste organic chemicals			
<b>Waste Code:</b>		145			
<b>Waste Description:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Code:</b>		331			
<b>Waste Description:</b>		Waste compressed gases including cylinders			
<a href="#">15</a>	2 of 8	ESE/113.3	69.4	Ottawa Catholic District School Board 20 Graham Street Ottawa ON K1S 0B7	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON3653326 <b>Approval Yrs::</b> 07,08 <b>SIC Code:</b> 611110 <b>SIC Description:</b> Elementary and Secondary Schools					
<b>--Details--</b>					
<b>Waste Code:</b>		145			
<b>Waste Description:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Code:</b>		331			
<b>Waste Description:</b>		WASTE COMPRESSED GASES			
<a href="#">15</a>	3 of 8	ESE/113.3	69.4	Ottawa Catholic District School Board 20 Graham Street Ottawa ON K1S 0B7	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON3653326 <b>Approval Yrs::</b> 2009 <b>SIC Code:</b> 611110					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
SIC Description:		Elementary and Secondary Schools			
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
15	4 of 8	ESE/113.3	69.4	Ottawa Catholic District School Board 20 Graham Street Ottawa ON K1S 0B7	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON3653326			
Approval Yrs.:		2010			
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
15	5 of 8	ESE/113.3	69.4	Ottawa Catholic District School Board 20 Graham Street Ottawa ON K1S 0B7	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON3653326			
Approval Yrs.:		2011			
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
--Details--					
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		145			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Waste Description:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
<a href="#">15</a>	6 of 8	ESE/113.3	69.4	Ottawa Catholic District School Board 20 Graham Street Ottawa ON K1S 0B7	GEN
<b>PO Box Num:</b>					
<b>Status:</b>					
<b>Country:</b>					
<b>Generator #:</b>		ON3653326			
<b>Approval Yrs.:</b>		2012			
<b>SIC Code:</b>		611110			
<b>SIC Description:</b>		Elementary and Secondary Schools			
<b>--Details--</b>					
<b>Waste Code:</b>		331			
<b>Waste Description:</b>		WASTE COMPRESSED GASES			
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Code:</b>		145			
<b>Waste Description:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
<a href="#">15</a>	7 of 8	ESE/113.3	69.4	Ottawa Catholic District School Board 20 Graham Street Ottawa ON	GEN
<b>PO Box Num:</b>					
<b>Status:</b>					
<b>Country:</b>					
<b>Generator #:</b>		ON3653326			
<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>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Code:</b>		145			
<b>Waste Description:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Code:</b>		331			
<b>Waste Description:</b>		WASTE COMPRESSED GASES			
<a href="#">15</a>	8 of 8	ESE/113.3	69.4	Ottawa Catholic District School Board 20 Graham Street Ottawa ON K1S0B7	GEN



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
<b>PO Box Num:</b>					
<b>Status:</b>		Registered			
<b>Country:</b>		Canada			
<b>Generator #:</b>		ON3653326			
<b>Approval Yrs::</b>		As of Sep 2016			
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>--Details--</b>					
<b>Waste Code:</b>		145 I			
<b>Waste Description:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Code:</b>		148 L			
<b>Waste Description:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Code:</b>		148 I			
<b>Waste Description:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Code:</b>		148 C			
<b>Waste Description:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Code:</b>		331 I			
<b>Waste Description:</b>		Waste compressed gases including cylinders			
<b>Waste Code:</b>		263 L			
<b>Waste Description:</b>		Misc. waste organic chemicals			
<b>Waste Code:</b>		263 I			
<b>Waste Description:</b>		Misc. waste organic chemicals			
<b>Waste Code:</b>		263 A			
<b>Waste Description:</b>		Misc. waste organic chemicals			
<hr/>					
<b>16</b>	<b>1 of 1</b>	<b>N/115.4</b>	<b>75.0</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	847598			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill			<b>UTM Zone::</b>	18
<b>Easting::</b>	446654			<b>Northing::</b>	5029063
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	67.5
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	71.7
<b>Total Depth m::</b>	10.1			<b>Primary Name::</b>	
<b>Township::</b>	NEPEAN			<b>Concession::</b>	BROKEN FRONT C
<b>Lot::</b>	LOT F			<b>Municipality:</b>	
<b>Completion Date::</b>	25-NOV-1961			<b>Static Water Level::</b>	1.4
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6558142			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.6			<b>Stratum Desc:</b>	LOOSE BROWN FINE SAND AND BLACK CINDERS FILL
<b>Stratum ID:</b>	6558143			<b>Top Depth(m):</b>	0.6
<b>Bottom Depth(m):</b>	1.7			<b>Stratum Desc:</b>	LOOSE BROWN TO GREY SANDY SILT SOME CLAY TO SILTY FINE SAND
<b>Stratum ID:</b>	6558144			<b>Top Depth(m):</b>	1.7
<b>Bottom Depth(m):</b>	8.5			<b>Stratum Desc:</b>	STIFF GREY BROWN TO GREY CLAY SOME SILT TRACE FINE SAND
<b>Stratum ID:</b>	6558145			<b>Top Depth(m):</b>	8.5

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Bottom Depth(m):		10.1		Stratum Desc:	STIFF GREY SILTY CLAY TRACE FINE SAND
<a href="#">17</a>	1 of 1	E/116.4	69.5	Ottawa ON	WWIS
Well ID:		7235380		Lot:	
Construction Date::				Concession:	
Primary Water Use::		Test Hole		Concession Name:	
Sec. Water Use::		Monitoring		Easting NAD83::	
Final Well Status::		Monitoring and Test Hole		Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:		NEPEAN TOWNSHIP		UTM Reliability::	
County:		OTTAWA-CARLETON			
Bore Hole Information					
--		--			
Bore Hole ID:		1005279674			
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:		05-DEC-14			
Remarks:					
Zone:		18			
East 83:		446781			
North 83:		5028953			
UTMRC:		4			
UTMRC Description:		margin of error : 30 m - 100 m			
Location Method:		wwr			
Org CS:		UTM83			
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock					
Materials Interval					
--		--			
Formation ID:		1005479910			
Layer:		1			
General Color:		BLACK			
Most Common Material:		TOPSOIL			
Other Materials:					
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		.61			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1005479911			
Layer:		2			
General Color:		BROWN			
Most Common Material:		FINE SAND			
Other Materials:					
Other Materials:		SOFT			
Formation Top Depth:		.61			
Formation End Depth:		2.13			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1005479912			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>Layer:</b>		3			
<b>General Color:</b>		BROWN			
<b>Most Common Material:</b>		CLAY			
<b>Other Materials:</b>		SILT			
<b>Other Materials:</b>		SOFT			
<b>Formation Top Depth:</b>		2.13			
<b>Formation End Depth:</b>		3.66			
<b>Formation End Depth UOM:</b>		m			
--		--			
<b>Formation ID:</b>		1005479913			
<b>Layer:</b>		4			
<b>General Color:</b>		GREY			
<b>Most Common Material:</b>		CLAY			
<b>Other Materials:</b>					
<b>Other Materials:</b>		SOFT			
<b>Formation Top Depth:</b>		3.66			
<b>Formation End Depth:</b>		6.1			
<b>Formation End Depth UOM:</b>		m			
--		--			
<b>Annular Space/Abandonment Sealing Record</b>					
--		--			
<b>Plug ID:</b>		1005479921			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		.31			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Plug ID:</b>		1005479922			
<b>Layer:</b>		2			
<b>Plug From:</b>		.31			
<b>Plug To:</b>		2.74			
<b>Plug Depth UOM:</b>		m			
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<b>Plug ID:</b>		1005479923			
<b>Layer:</b>		3			
<b>Plug From:</b>		2.74			
<b>Plug To:</b>		6.1			
<b>Plug Depth UOM:</b>		m			
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<b>Method of Construction &amp; Well Use</b>					
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<b>Method Construction ID:</b>		1005479920			
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>					
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<b>Pipe Information</b>					
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<b>Pipe ID:</b>		1005479909			
<b>Casing Number:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
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<b>Construction Record - Casing</b>					
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<b>Casing ID:</b>		1005479916			
<b>Layer:</b>		1			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		3.1			
<b>Casing Diameter:</b>		4.03			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
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Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
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<b>Construction Record - Screen</b>					
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Screen ID:		1005479917			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.1			
Screen End Depth:		6.1			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
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<b>Hole Diameter</b>					
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Hole ID:		1005479914			
Diameter:		8.25			
Depth From:		0			
Depth To:		6.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
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[18](#) 1 of 1 WNW/117.3 66.0 ON **BORE**

<b>Borehole ID:</b>	847435	<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation	<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill	<b>UTM Zone::</b>	18
<b>Easting::</b>	446550	<b>Northing::</b>	5028974
<b>Location Accuracy::</b>		<b>Orig. Ground Elev m::</b>	65.4
<b>Elev. Reliability Note::</b>		<b>DEM Ground Elev m::</b>	68.3
<b>Total Depth m::</b>	18.7	<b>Primary Name::</b>	
<b>Township::</b>	NEPEAN	<b>Concession::</b>	BROKEN FRONT C
<b>Lot::</b>	LOT F	<b>Municipality:</b>	
<b>Completion Date::</b>	08-FEB-1961	<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>		<b>Sec. Water Use::</b>	
<b>--Details--</b>			
<b>Stratum ID:</b>	6557511	<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	2.7	<b>Stratum Desc:</b>	COMPACT GREY BROWN SILTY FINE SAND
<b>Stratum ID:</b>	6557512	<b>Top Depth(m):</b>	2.7
<b>Bottom Depth(m):</b>	9.1	<b>Stratum Desc:</b>	STIFF GREY CLAY SOME SILT TRACE SINE SAND

[19](#) 1 of 1 WSW/120.2 63.4 ON **BORE**

<b>Borehole ID:</b>	801539	<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation	<b>Status::</b>	
<b>Drill Method::</b>	Boring	<b>UTM Zone::</b>	18
<b>Easting::</b>	446548.53	<b>Northing::</b>	5028917.58
<b>Location Accuracy::</b>		<b>Orig. Ground Elev m::</b>	62.8
<b>Elev. Reliability Note::</b>		<b>DEM Ground Elev m::</b>	64.5
<b>Total Depth m::</b>	33.5	<b>Primary Name::</b>	BH 1
<b>Township::</b>		<b>Concession::</b>	
<b>Lot::</b>		<b>Municipality:</b>	
<b>Completion Date::</b>	09-MAY-1977	<b>Static Water Level::</b>	.8
<b>Primary Water Use::</b>		<b>Sec. Water Use::</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>--Details--</b>					
<b>Stratum ID:</b>	218568616			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	1.1			<b>Stratum Desc:</b>	Brown Compact Fill-Misc Silt - Sand With: Gr W Org M
<b>Stratum ID:</b>	218568617			<b>Top Depth(m):</b>	1.1
<b>Bottom Depth(m):</b>	1.4			<b>Stratum Desc:</b>	Brown Silt - Sand
<b>Stratum ID:</b>	218568618			<b>Top Depth(m):</b>	1.4
<b>Bottom Depth(m):</b>	2.9			<b>Stratum Desc:</b>	Grey-Brown Stiff Weathered Crust Silty Clay
<b>Stratum ID:</b>	218568619			<b>Top Depth(m):</b>	2.9
<b>Bottom Depth(m):</b>	6.1			<b>Stratum Desc:</b>	Grey Stiff Silty Clay
<b>Stratum ID:</b>	218568620			<b>Top Depth(m):</b>	6.1
<b>Bottom Depth(m):</b>	10.4			<b>Stratum Desc:</b>	Grey Stiff Silty Clay Trace: Org M
<b>Stratum ID:</b>	218568621			<b>Top Depth(m):</b>	10.4
<b>Bottom Depth(m):</b>	28.7			<b>Stratum Desc:</b>	Grey Loose to Compact sand silt With: Gr
<b>Stratum ID:</b>	218568622			<b>Top Depth(m):</b>	28.7
<b>Bottom Depth(m):</b>	30.6			<b>Stratum Desc:</b>	Dark Grey Dense Till sand silt With: Gr W Cob
<b>Stratum ID:</b>	218568623			<b>Top Depth(m):</b>	30.6
<b>Bottom Depth(m):</b>	33.5			<b>Stratum Desc:</b>	Black Bedrock Shale
<b>Stratum ID:</b>	218568624			<b>Top Depth(m):</b>	33.5
<b>Bottom Depth(m):</b>	15.2			<b>Stratum Desc:</b>	Grey Stiff to Very Stiff Layered Silty Clay & Clayey Silt With: Si
<hr/>					
<a href="#">20</a>	1 of 1	SW/120.5	68.1	ON	BORE
<b>Borehole ID:</b>	801011			<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>	446590.28			<b>Northing::</b>	5028853.81
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	67
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	65.6
<b>Total Depth m::</b>	6.9			<b>Primary Name::</b>	BH 4
<b>Township::</b>				<b>Concession::</b>	
<b>Lot::</b>				<b>Municipality:</b>	
<b>Completion Date::</b>	19-JAN-1979			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	218566382			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	3.1			<b>Stratum Desc:</b>	Brown Loose Fill-Misc sand silt
<b>Stratum ID:</b>	218566383			<b>Top Depth(m):</b>	3.1
<b>Bottom Depth(m):</b>	4.4			<b>Stratum Desc:</b>	Brown Loose Silt - Sand
<b>Stratum ID:</b>	218566384			<b>Top Depth(m):</b>	4.4
<b>Bottom Depth(m):</b>	6.9			<b>Stratum Desc:</b>	Grey-Brown Very Stiff Weathered Crust Silty Clay
<hr/>					
<a href="#">21</a>	1 of 1	E/124.5	70.0	Ottawa ON	WWIS
<b>Well ID:</b>	7235382			<b>Lot:</b>	
<b>Construction Date::</b>				<b>Concession:</b>	
<b>Primary Water Use::</b>	Test Hole			<b>Concession Name:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Sec. Water Use:: Final Well Status:: Specific Capacity:: Municipality: County:	Monitoring Monitoring and Test Hole  NEPEAN TOWNSHIP OTTAWA-CARLETON			Easting NAD83:: Northing NAD83:: Zone:: UTM Reliability::	
<b>Bore Hole Information</b>					
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Bore Hole ID:	1005279680				
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:	05-DEC-14				
Remarks:					
Zone:	18				
East 83:	446788				
North 83:	5028966				
UTMRC:	4				
UTMRC Description:	margin of error : 30 m - 100 m				
Location Method:	wwr				
Org CS:	UTM83				
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
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<b>Overburden and Bedrock</b>					
<b>Materials Interval</b>					
--	--				
Formation ID:	1005479952				
Layer:	1				
General Color:	BLACK				
Most Common Material:	TOPSOIL				
Other Materials:					
Other Materials:	LOOSE				
Formation Top Depth:	0				
Formation End Depth:	.31				
Formation End Depth UOM:	m				
--	--				
Formation ID:	1005479953				
Layer:	2				
General Color:	BROWN				
Most Common Material:	FINE SAND				
Other Materials:					
Other Materials:	SOFT				
Formation Top Depth:	.31				
Formation End Depth:	2.13				
Formation End Depth UOM:	m				
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Formation ID:	1005479954				
Layer:	3				
General Color:	BROWN				
Most Common Material:	CLAY				
Other Materials:	SILT				
Other Materials:	SOFT				
Formation Top Depth:	2.13				
Formation End Depth:	3.1				
Formation End Depth UOM:	m				
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Formation ID:	1005479955				



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>Layer:</b>		4			
<b>General Color:</b>		GREY			
<b>Most Common Material:</b>		CLAY			
<b>Other Materials:</b>					
<b>Other Materials:</b>		SOFT			
<b>Formation Top Depth:</b>		3.1			
<b>Formation End Depth:</b>		6.1			
<b>Formation End Depth UOM:</b>		m			
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<b>Annular Space/Abandonment Sealing Record</b>					
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<b>Plug ID:</b>		1005479963			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		.31			
<b>Plug Depth UOM:</b>		m			
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<b>Plug ID:</b>		1005479964			
<b>Layer:</b>		2			
<b>Plug From:</b>		.31			
<b>Plug To:</b>		2.74			
<b>Plug Depth UOM:</b>		m			
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<b>Plug ID:</b>		1005479965			
<b>Layer:</b>		3			
<b>Plug From:</b>		2.74			
<b>Plug To:</b>		6.1			
<b>Plug Depth UOM:</b>		m			
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<b>Method of Construction &amp; Well Use</b>					
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<b>Method Construction ID:</b>		1005479962			
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>					
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<b>Pipe Information</b>					
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<b>Pipe ID:</b>		1005479951			
<b>Casing Number:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
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<b>Construction Record - Casing</b>					
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<b>Casing ID:</b>		1005479958			
<b>Layer:</b>		1			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		3.1			
<b>Casing Diameter:</b>		4.03			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
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--		--			
<b>Construction Record - Screen</b>					
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<b>Screen ID:</b>		1005479959			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		3.1			
<b>Screen End Depth:</b>		6.1			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Screen Diameter UOM:</b> cm <b>Screen Diameter:</b> 4.82 -- <b>Hole Diameter</b> -- <b>Hole ID:</b> 1005479956 <b>Diameter:</b> 8.25 <b>Depth From:</b> 0 <b>Depth To:</b> 6.1 <b>Hole Depth UOM:</b> m <b>Hole Diameter UOM:</b> cm -- --					
<a href="#">22</a>	1 of 1	S/128.1	69.9	221 Echo Drive Ottawa ON K1S 1N1	EHS
<b>Postal Code:</b> <b>City:</b> <b>Address2:</b> <b>Address1:</b> <b>Provstate:</b> <b>Order No.:</b> 20051110006 <b>Addit. Info Ordered::</b> <b>Report Date:</b> 11/15/2005 <b>Report Type:</b> Custom Report <b>Search Radius (km):</b> 0.25					
<a href="#">23</a>	1 of 1	WSW/135.3	63.1	ON	BORE
<b>Borehole ID:</b> 801556 <b>Use:</b> Geotechnical/Geological Investigation <b>Drill Method::</b> Boring <b>Easting::</b> 446542.41 <b>Location Accuracy::</b> <b>Elev. Reliability Note::</b> <b>Total Depth m::</b> 33.5 <b>Township::</b> <b>Lot::</b> <b>Completion Date::</b> 03-MAR-1977 <b>Primary Water Use::</b>					
<b>Type:</b> Borehole <b>Status::</b> <b>UTM Zone::</b> 18 <b>Northing::</b> 5028890.69 <b>Orig. Ground Elev m::</b> 62.5 <b>DEM Ground Elev m::</b> 62.4 <b>Primary Name::</b> BH 2 <b>Concession::</b> <b>Municipality:</b> <b>Static Water Level::</b> 3.7 <b>Sec. Water Use::</b>					
<b>--Details--</b>					
<b>Stratum ID:</b> 218568668 <b>Bottom Depth(m):</b> 0.9 <b>Top Depth(m):</b> 0.0 <b>Stratum Desc:</b> Ice					
<b>Stratum ID:</b> 218568669 <b>Bottom Depth(m):</b> 1.2 <b>Top Depth(m):</b> 0.9 <b>Stratum Desc:</b> Water					
<b>Stratum ID:</b> 218568670 <b>Bottom Depth(m):</b> 2.1 <b>Top Depth(m):</b> 1.2 <b>Stratum Desc:</b> Grey Loose Fill-Misc clay silt With: Gr					
<b>Stratum ID:</b> 218568671 <b>Bottom Depth(m):</b> 2.7 <b>Top Depth(m):</b> 2.1 <b>Stratum Desc:</b> Brown Peat					
<b>Stratum ID:</b> 218568672 <b>Bottom Depth(m):</b> 7.5 <b>Top Depth(m):</b> 2.7 <b>Stratum Desc:</b> Grey Stiff Silty Clay					
<b>Stratum ID:</b> 218568673 <b>Bottom Depth(m):</b> 8.5 <b>Top Depth(m):</b> 7.5 <b>Stratum Desc:</b> Grey Stiff Silty Clay With: Org M					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568674 11.3			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	8.5 Grey Stiff Silty Clay Trace: Org M
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568675 14.5			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	11.3 Grey Stiff Silty Clay
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568676 16.2			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	14.5 Grey Compact clay silt
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568677 18.3			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	16.2 Grey Compact sand silt Trace: Cl
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568678 22.9			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	18.3 Grey Compact to Loose clay silt
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568679 29.4			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	22.9 Grey Loose to Compact sand silt With: Cl
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568680 30.5			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	29.4 Dark Grey Very Dense Till sand silt With: Gr W Cob
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568681 33.5			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	30.5 Black Bedrock Shale

[24](#)

1 of 1

WNW/136.3

63.3

ON

**BORE**

**Borehole ID:** 847437  
**Use:** Geotechnical/Geological Investigation  
**Drill Method::** Diamond Drill  
**Easting::** 446540  
**Location Accuracy::**  
**Elev. Reliability Note::**  
**Total Depth m::** 35.8  
**Township::** NEPEAN  
**Lot::** LOT F  
**Completion Date::** 22-MAR-1961  
**Primary Water Use::**

**Type:** Borehole  
**Status::** Decommissioned  
**UTM Zone::** 18  
**Northing::** 5029003  
**Orig. Ground Elev m::** 63.2  
**DEM Ground Elev m::** 65.5  
**Primary Name::**  
**Concession::** BROKEN FRONT C  
**Municipality:**  
**Static Water Level::** -999.9  
**Sec. Water Use::**

**--Details--**

<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	6557518 17.2	<b>Top Depth(m):</b> <b>Stratum Desc:</b>	5.7 STIFF GREY SILTY CLAY TRACE OF FINE SAND OCCASIONAL SHELLS AND POCKETS OF CLACK ORGANIC MATERIAL
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	6557519 27.8	<b>Top Depth(m):</b> <b>Stratum Desc:</b>	17.2 LOOSE TO COMPACT GREY SILT SOME FINE SAND TRACE CLAY
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	6557520 31.7	<b>Top Depth(m):</b> <b>Stratum Desc:</b>	27.8 DENSE GREY BROWN SAND TRACE GRAVEL
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	6557521 32.8	<b>Top Depth(m):</b> <b>Stratum Desc:</b>	31.7 VERY DENSE BROWN SANDY TILL
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	6557522 35.8	<b>Top Depth(m):</b> <b>Stratum Desc:</b>	32.8 DARK GREY SHALE BEDROCK
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	6557516 2.6	<b>Top Depth(m):</b> <b>Stratum Desc:</b>	0.0 LOOSE BROWN SILTY SAND TRACE GRAVEL

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Stratum ID:	6557517			Top Depth(m):	2.6
Bottom Depth(m):	5.7			Stratum Desc:	STIFF GREY CLAY SOME SILT
<hr/>					
<a href="#">25</a>	1 of 1	NNE/137.7	74.4	ON	BORE
Borehole ID:	847599			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	Decommissioned
Drill Method::	Diamond Drill			UTM Zone::	18
Easting::	446694			Northing::	5029083
Location Accuracy::				Orig. Ground Elev m::	67.3
Elev. Reliability Note::				DEM Ground Elev m::	71.7
Total Depth m::	10.1			Primary Name::	
Township::	NEPEAN			Concession::	BROKEN FRONT C
Lot::	LOT F			Municipality:	
Completion Date::	22-NOV-1961			Static Water Level::	1.1
Primary Water Use::				Sec. Water Use::	
<hr/>					
--Details--					
Stratum ID:	6558147			Top Depth(m):	0.0
Bottom Depth(m):	0.8			Stratum Desc:	LOOSE DARK BROWN SAND AND CINDERS FILL
Stratum ID:	6558148			Top Depth(m):	0.8
Bottom Depth(m):	1.6			Stratum Desc:	LOOSE TO COMPACT BROWN FINE TO MEDIUM SAND SOME SILT
Stratum ID:	6558149			Top Depth(m):	1.6
Bottom Depth(m):	8.2			Stratum Desc:	STIFF GREY BROWN TO GREY CLAY SOME SILT
Stratum ID:	6558150			Top Depth(m):	8.2
Bottom Depth(m):	10.1			Stratum Desc:	STIFF GREY SILTY CLAY TRACE FINE SAND
<hr/>					
<a href="#">26</a>	1 of 1	NNW/140.7	68.6	ON	BORE
Borehole ID:	802686			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	
Drill Method::	Hollow stem auger			UTM Zone::	18
Easting::	446605.2			Northing::	5029076
Location Accuracy::				Orig. Ground Elev m::	67.8
Elev. Reliability Note::				DEM Ground Elev m::	67.9
Total Depth m::	5.8			Primary Name::	BH 15
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	09-DEC-1985			Static Water Level::	2.6
Primary Water Use::				Sec. Water Use::	
<hr/>					
--Details--					
Stratum ID:	218573132			Top Depth(m):	0.0
Bottom Depth(m):	0.0			Stratum Desc:	Asphalt
Stratum ID:	218573133			Top Depth(m):	0.0
Bottom Depth(m):	0.5			Stratum Desc:	Grey Crushed Stone
Stratum ID:	218573134			Top Depth(m):	0.5
Bottom Depth(m):	0.7			Stratum Desc:	Dark Brown Topsoil Sand
Stratum ID:	218573135			Top Depth(m):	0.7



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Bottom Depth(m):	2.1			Stratum Desc:	Brown Loose to Compact Silt - Sand
Stratum ID:	218573136			Top Depth(m):	2.1
Bottom Depth(m):	4.6			Stratum Desc:	Grey-Brown Very Stiff to Stiff Weathered Crust Silty Clay
Stratum ID:	218573137			Top Depth(m):	4.6
Bottom Depth(m):	5.8			Stratum Desc:	Grey Stiff Silty Clay

[27](#) 1 of 1 SW/141.3 63.0 ON [BORE](#)

**Borehole ID:** 801002  
**Use:** Geotechnical/Geological Investigation  
**Drill Method::** Hollow stem auger  
**Easting::** 446570.55  
**Location Accuracy::**  
**Elev. Reliability Note::**  
**Total Depth m::** 4.3  
**Township::**  
**Lot::**  
**Completion Date::** 16-JAN-1979  
**Primary Water Use::**

**Type:** Borehole  
**Status::**  
**UTM Zone::** 18  
**Northing::** 5028843.18  
**Orig. Ground Elev m::** 62.6  
**DEM Ground Elev m::** 62.8  
**Primary Name::** BH 2  
**Concession::**  
**Municipality:**  
**Static Water Level::** -999.9  
**Sec. Water Use::**

**--Details--**

**Stratum ID:** 218566351  
**Bottom Depth(m):** 0.3

**Top Depth(m):** 0.0  
**Stratum Desc:** Ice

**Stratum ID:** 218566352  
**Bottom Depth(m):** 0.8

**Top Depth(m):** 0.3  
**Stratum Desc:** Dark Grey Very Soft Silt With: Org M

**Stratum ID:** 218566353  
**Bottom Depth(m):** 1.3

**Top Depth(m):** 0.8  
**Stratum Desc:** Grey-Brown Loose Silt - Sand Trace: Org M

**Stratum ID:** 218566354  
**Bottom Depth(m):** 3.2

**Top Depth(m):** 1.3  
**Stratum Desc:** Grey-Brown Very Stiff Weathered Crust Silty Clay

**Stratum ID:** 218566355  
**Bottom Depth(m):** 4.3

**Top Depth(m):** 3.2  
**Stratum Desc:** Grey Stiff Silty Clay

[28](#) 1 of 1 NW/148.2 66.7 Ottawa ON [WWIS](#)

**Well ID:** 7155881  
**Construction Date::**  
**Primary Water Use::** Monitoring and Test Hole  
**Sec. Water Use::**  
**Final Well Status::** Monitoring and Test Hole  
**Specific Capacity::**  
**Municipality:** OTTAWA CITY  
**County:** OTTAWA-CARLETON

**Lot:**  
**Concession:**  
**Concession Name:**  
**Easting NAD83::**  
**Northing NAD83::**  
**Zone::**  
**UTM Reliability::**

**Bore Hole Information**

--  
**Bore Hole ID:** 1003433870  
**DP2BR:**  
**Code OB:**  
**Code OB Description:**  
**Open Hole:**  
**Date Completed:** 14-OCT-10

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Remarks:</b>					
Zone:		18			
East 83:		446553			
North 83:		5029046			
UTMRC:		3			
UTMRC Description:		margin of error : 10 - 30 m			
Location Method:		wwr			
Org CS:		UTM83			
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
<b>Overburden and Bedrock Materials Interval</b>					
--		--			
Formation ID:		1003638401			
Layer:		1			
General Color:		BROWN			
Most Common Material:		SAND			
Other Materials:		DRY			
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		3.1			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1003638402			
Layer:		2			
General Color:		BROWN			
Most Common Material:		SAND			
Other Materials:		SOFT			
Other Materials:		WATER-BEARING			
Formation Top Depth:		3.1			
Formation End Depth:		3.35			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1003638403			
Layer:		3			
General Color:		GREY			
Most Common Material:		CLAY			
Other Materials:		SAND			
Other Materials:		HARD			
Formation Top Depth:		3.35			
Formation End Depth:		6.1			
Formation End Depth UOM:		m			
--		--			
<b>Annular Space/Abandonment Sealing Record</b>					
--		--			
Plug ID:		1003638405			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
--		--			
Plug ID:		1003638406			
Layer:		2			
Plug From:		.31			
Plug To:		2.74			
Plug Depth UOM:		m			
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Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Plug ID:</b>		1003638407			
<b>Layer:</b>		3			
<b>Plug From:</b>		2.74			
<b>Plug To:</b>		6.1			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Method of Construction &amp; Well Use</b>					
--		--			
<b>Method Construction ID:</b>		1003638413			
<b>Method Construction Code:</b>		B			
<b>Method Construction:</b>		Other Method			
<b>Other Method Construction:</b>		DIRECT PUSH			
--		--			
<b>Pipe Information</b>					
--		--			
<b>Pipe ID:</b>		1003638400			
<b>Casing Number:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
--		--			
<b>Construction Record - Casing</b>					
--		--			
<b>Casing ID:</b>		1003638409			
<b>Layer:</b>		1			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		3.1			
<b>Casing Diameter:</b>		4.03			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
--		--			
--		--			
<b>Construction Record - Screen</b>					
--		--			
<b>Screen ID:</b>		1003638410			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		3.1			
<b>Screen End Depth:</b>		6.1			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		4.82			
--		--			
<b>Hole Diameter</b>					
--		--			
<b>Hole ID:</b>		1003638404			
<b>Diameter:</b>		8.25			
<b>Depth From:</b>		0			
<b>Depth To:</b>		6.1			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
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[29](#)

1 of 1

NE/149.8

69.3

ON

BORE

**Borehole ID:** 847597  
**Use:** Geotechnical/Geological Investigation  
**Drill Method::** Diamond Drill  
**Easting::** 446751  
**Location Accuracy::**  
**Elev. Reliability Note::**

**Type:** Borehole  
**Status::** Decommissioned  
**UTM Zone::** 18  
**Northing::** 5029071  
**Orig. Ground Elev m::** 68.5  
**DEM Ground Elev m::** 70

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Total Depth m::</b>	34.1			<b>Primary Name::</b>	
<b>Township::</b>	NEPEAN			<b>Concession::</b>	BROKEN FRONT C
<b>Lot::</b>	LOT G			<b>Municipality:</b>	
<b>Completion Date::</b>	30-NOV-1961			<b>Static Water Level::</b>	2.8
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6558135			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	2.2			<b>Stratum Desc:</b>	LOOSE TO COMPACT BROWN FINE TO MEDIUM SAND TRACE OF SILT
<b>Stratum ID:</b>	6558136			<b>Top Depth(m):</b>	2.2
<b>Bottom Depth(m):</b>	9.4			<b>Stratum Desc:</b>	STIFF GREY BROWN TO GREY CLAY SOME SILT
<b>Stratum ID:</b>	6558137			<b>Top Depth(m):</b>	9.4
<b>Bottom Depth(m):</b>	19.8			<b>Stratum Desc:</b>	STIFF GREY SILTY CLAY TRACE TO SOME FINE SAND AND OCCASIONAL SMALL POCKETS OF SHELLS AND ORGANIC MATERIAL
<b>Stratum ID:</b>	6558138			<b>Top Depth(m):</b>	19.8
<b>Bottom Depth(m):</b>	23.0			<b>Stratum Desc:</b>	COMPACT TO DENSE GREY SILT TRACE OF FINE SAND AND CLAY
<b>Stratum ID:</b>	6558139			<b>Top Depth(m):</b>	23.0
<b>Bottom Depth(m):</b>	28.0			<b>Stratum Desc:</b>	VERY DENSE GREY SANDY SILT TO SILTY FINE SAND WITH TRACE OF CLAY
<b>Stratum ID:</b>	6558140			<b>Top Depth(m):</b>	28.0
<b>Bottom Depth(m):</b>	31.4			<b>Stratum Desc:</b>	TILL VERY DENSE GREY SANDY SILT WITH GRAVEL AND COBBLES TRACE OF CLAY
<b>Stratum ID:</b>	6558141			<b>Top Depth(m):</b>	31.4
<b>Bottom Depth(m):</b>	34.1			<b>Stratum Desc:</b>	DARK GREY SHALE BEDROCK

30

1 of 1

S/153.8

69.0

ON

BORE

**Borehole ID:** 802683  
**Use:** Geotechnical/Geological Investigation  
**Drill Method::** Hollow stem auger  
**Easting::** 446667.73  
**Location Accuracy::**  
**Elev. Reliability Note::**  
**Total Depth m::** 5.2  
**Township::**  
**Lot::**  
**Completion Date::** 09-DEC-1985  
**Primary Water Use::**

**Type:** Borehole  
**Status::**  
**UTM Zone::** 18  
**Northing::** 5028794.87  
**Orig. Ground Elev m::** 67.5  
**DEM Ground Elev m::** 67.7  
**Primary Name::** BH 13  
**Concession::**  
**Municipality:**  
**Static Water Level::** -999.9  
**Sec. Water Use::**

**--Details--**

**Stratum ID:** 218573118  
**Bottom Depth(m):** 0.2

**Top Depth(m):** 0.0  
**Stratum Desc:** Asphalt

**Stratum ID:** 218573119  
**Bottom Depth(m):** 0.2

**Top Depth(m):** 0.2  
**Stratum Desc:** Dark Grey Crushed Stone

**Stratum ID:** 218573120  
**Bottom Depth(m):** 0.4

**Top Depth(m):** 0.2  
**Stratum Desc:** Dark Brown Silt - Sand Trace: Gr

**Stratum ID:** 218573121  
**Bottom Depth(m):** 1.7

**Top Depth(m):** 0.4  
**Stratum Desc:** Brown Loose Fill-Misc Silt - Sand



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218573122 5.2			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	1.7 Grey-Brown Very Stiff Weathered Crust Silty Clay
<a href="#">31</a>	1 of 1	WSW/158.0	62.9	ON	BORE
<b>Borehole ID:</b> <b>Use:</b> <b>Drill Method::</b> <b>Easting::</b> <b>Location Accuracy::</b> <b>Elev. Reliability Note::</b> <b>Total Depth m::</b> <b>Township::</b> <b>Lot::</b> <b>Completion Date::</b> <b>Primary Water Use::</b>	801580 Geotechnical/Geological Investigation Boring 446514.54   34.4   03-MAR-1977			<b>Type:</b> <b>Status::</b> <b>UTM Zone::</b> <b>Northing::</b> <b>Orig. Ground Elev m::</b> <b>DEM Ground Elev m::</b> <b>Primary Name::</b> <b>Concession::</b> <b>Municipality:</b> <b>Static Water Level::</b> <b>Sec. Water Use::</b>	Borehole   18 5028899.21 62.6 64.4 BH 3   4.6
<b>--Details--</b> <b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568686 0.7			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	0.0 Ice
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568687 1.1			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	0.7 Fill-Misc Sand - Gravel With: Blds
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568688 2.4			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	1.1 Fill-Misc Silty Clay With: Gr
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568689 2.7			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	2.4 Brown Peat
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568690 5.8			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	2.7 Grey Very Stiff to Stiff Silty Clay
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568691 7.3			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	5.8 Grey Stiff Silty Clay With: Org M
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568692 10.4			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	7.3 Grey Stiff Silty Clay Trace: Org M
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568693 14.6			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	10.4 Grey Stiff to Very Stiff Silty Clay
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568694 19.2			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	14.6 Grey Compact clay silt Trace: Sa
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568695 29.0			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	19.2 Grey Compact sand silt With: Cl W Gr
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568696 29.3			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	29.0 Boulders
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568697 31.0			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	29.3 Dark Grey Very Dense Till Silt - Sand With: Gr W Cob
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218568698 34.4			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	31.0 Black Bedrock Shale

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">32</a>	1 of 1	ESE/158.3	69.0	ROGERS CLEANERS 98 MAIN STREET STITTSVILLE ON K1S 1C2	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON0513900 <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					
<a href="#">33</a>	1 of 1	SW/161.1	62.9	ON	BORE
<b>Borehole ID:</b> 800999 <b>Use:</b> Geotechnical/Geological Investigation <b>Drill Method::</b> Hollow stem auger <b>Easting::</b> 446552.52 <b>Location Accuracy::</b> <b>Elev. Reliability Note::</b> <b>Total Depth m::</b> 7.3 <b>Township::</b> <b>Lot::</b> <b>Completion Date::</b> 16-JAN-1979 <b>Primary Water Use::</b>					
<b>--Details--</b> <b>Stratum ID:</b> 218566336 <b>Bottom Depth(m):</b> 0.5 <b>Stratum ID:</b> 218566337 <b>Bottom Depth(m):</b> 1.7 <b>Stratum ID:</b> 218566338 <b>Bottom Depth(m):</b> 3.4 <b>Stratum ID:</b> 218566339 <b>Bottom Depth(m):</b> 7.3					
<b>Type:</b> Borehole <b>Status::</b> <b>UTM Zone::</b> 18 <b>Northing::</b> 5028833.01 <b>Orig. Ground Elev m::</b> 62.6 <b>DEM Ground Elev m::</b> 61.8 <b>Primary Name::</b> BH 1 <b>Concession::</b> <b>Municipality:</b> <b>Static Water Level::</b> -999.9 <b>Sec. Water Use::</b>					
<b>Top Depth(m):</b> 0.0 <b>Stratum Desc:</b> Ice <b>Top Depth(m):</b> 0.5 <b>Stratum Desc:</b> Water <b>Top Depth(m):</b> 1.7 <b>Stratum Desc:</b> Dark Grey Very Soft Silt With: Org M <b>Top Depth(m):</b> 3.4 <b>Stratum Desc:</b> Grey Stiff Silty Clay					
<a href="#">34</a>	1 of 1	NE/167.4	69.1	59 Main Street ottawa ON	EHS
<b>Postal Code:</b> <b>City:</b> <b>Address2:</b> <b>Address1:</b> <b>Provstate:</b> <b>Order No.:</b> 20110112012 <b>Addit. Info Ordered::</b> Fire Insur. Maps and/or Site Plans <b>Report Date:</b> 1/20/2011 <b>Report Type:</b> Standard Report <b>Search Radius (km):</b> 0.25					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">35</a>	1 of 1	E/168.2	69.9	83 MAIN STREET, OTTAWA ON	PINC
<div> <div> <b>Incident ID:</b>  <b>Incident No:</b> 1748226  <b>Type:</b> FS-Pipeline Incident  <b>Status Code:</b> Pipeline Damage Reason Est  <b>Fuel Occurrence Tp:</b>  <b>Fuel Type:</b>  <b>Tank Status:</b> RC Established  <b>Task No:</b> 5924648  <b>Spills Action Centre:</b>  <b>Method Details:</b> E-mail  <b>Fuel Category:</b> Natural Gas  <b>Date of Occurrence:</b>  <b>Occurrence Start Date:</b> 2015/12/14  <b>Operation Type:</b>  <b>Pipeline Type:</b>  <b>Regulator Type:</b>  <b>Summary:</b> 83 MAIN STREET, OTTAWA - PIPELINE HIT - 1"  <b>Reported By:</b> Peter O'Gorman - ENBRIDGE  <b>Affiliation:</b>  <b>Occurrence Desc:</b>  <b>Damage Reason:</b> Excavation practices not sufficient  <b>Notes:</b> </div> <div> <b>Health Impact:</b>  <b>Environment Impact:</b>  <b>Property Damage:</b> Yes  <b>Service Interrupt:</b>  <b>Enforce Policy:</b> Yes  <b>Public Relation:</b>  <b>Pipeline System:</b>  <b>Depth:</b>  <b>Pipe Material:</b>  <b>PSIG:</b>  <b>Attribute Category:</b> FS-Perform P-line Inc Invest  <b>Regulator Location:</b> </div> </div>					
<a href="#">36</a>	1 of 1	ENE/172.0	69.8	OTTAWA ON	WWIS
<div> <div> <b>Well ID:</b> 7162756  <b>Construction Date::</b>  <b>Primary Water Use::</b> Monitoring and Test Hole  <b>Sec. Water Use::</b>  <b>Final Well Status::</b> Monitoring and Test Hole  <b>Specific Capacity::</b>  <b>Municipality:</b> OTTAWA CITY  <b>County:</b> OTTAWA-CARLETON </div> <div> <b>Lot:</b>  <b>Concession:</b>  <b>Concession Name:</b>  <b>Easting NAD83::</b>  <b>Northing NAD83::</b>  <b>Zone::</b>  <b>UTM Reliability::</b> </div> </div>					
<b>Bore Hole Information</b> -- <div> <b>Bore Hole ID:</b> 1003505772  <b>DP2BR:</b>  <b>Code OB:</b>  <b>Code OB Description:</b>  <b>Open Hole:</b>  <b>Date Completed:</b> 13-APR-11  <b>Remarks:</b>  <b>Zone:</b> 18  <b>East 83:</b> 446811  <b>North 83:</b> 5029039  <b>UTMRC:</b> 3  <b>UTMRC Description:</b> margin of error : 10 - 30 m  <b>Location Method:</b> wwr  <b>Org CS:</b> UTM83  <b>Elevation:</b>  <b>Elevrc:</b>  <b>Elevrc Description:</b>  <b>Location Source Date:</b>  <b>Source Revision Comment:</b>  <b>Improvement Location Source:</b>  <b>Improvement Location Method:</b>  <b>Supplier Comment:</b>  <b>Spatial Status:</b> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--		--			
<b>Overburden and Bedrock Materials Interval</b>					
--		--			
Formation ID:		1003809275			
Layer:		1			
General Color:		BROWN			
Most Common Material:		COARSE SAND			
Other Materials:					
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		2.74			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1003809276			
Layer:		2			
General Color:		GREY			
Most Common Material:		CLAY			
Other Materials:		SAND			
Other Materials:		HARD			
Formation Top Depth:		2.74			
Formation End Depth:		4.27			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1003809277			
Layer:		3			
General Color:		GREY			
Most Common Material:		CLAY			
Other Materials:					
Other Materials:		HARD			
Formation Top Depth:		4.27			
Formation End Depth:		5.39			
Formation End Depth UOM:		m			
--		--			
<b>Annular Space/Abandonment Sealing Record</b>					
--		--			
Plug ID:		1003809286			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
--		--			
Plug ID:		1003809287			
Layer:		2			
Plug From:		.31			
Plug To:		2.44			
Plug Depth UOM:		m			
--		--			
Plug ID:		1003809288			
Layer:		3			
Plug From:		2.44			
Plug To:		5.79			
Plug Depth UOM:		m			
--		--			
<b>Method of Construction &amp; Well Use</b>					
--		--			
Method Construction ID:		1003809284			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
--		--			
<b>Pipe Information</b>					
--		--			
Pipe ID:		1003809274			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Casing Number:		0			
Comment:					
Alt Name:		--			
--		--			
Construction Record - Casing					
--		--			
Casing ID:		1003809280			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.74			
Casing Diameter:		3.45			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1003809281			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.74			
Screen End Depth:		5.79			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.21			
--		--			
Hole Diameter		--			
--		--			
Hole ID:		1003809278			
Diameter:		8.25			
Depth From:		0			
Depth To:		5.79			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
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<a href="#">37</a>	1 of 1	WNW/175.9	66.2	ON	BORE
Borehole ID:	847434	Type:	Borehole		
Use:	Geotechnical/Geological Investigation	Status::	Decommissioned		
Drill Method::	Diamond Drill	UTM Zone::	18		
Easting::	446494	Northing::	5028992		
Location Accuracy::		Orig. Ground Elev m::	67.6		
Elev. Reliability Note::		DEM Ground Elev m::	66.5		
Total Depth m::	32.9	Primary Name::			
Township::	NEPEAN	Concession::	BROKEN FRONT C		
Lot::	LOT F	Municipality:			
Completion Date::	20-FEB-1961	Static Water Level::	-999.9		
Primary Water Use::		Sec. Water Use::			
--Details--					
Stratum ID:	6557505	Top Depth(m):	0.0		
Bottom Depth(m):	6.4	Stratum Desc:	LOOSE BROWN TO GREY FILL (RAILWAY EMBANKMENT)		
Stratum ID:	6557506	Top Depth(m):	6.4		
Bottom Depth(m):	7.6	Stratum Desc:	SANDY TOPSOIL		
Stratum ID:	6557507	Top Depth(m):	7.6		
Bottom Depth(m):	9.8	Stratum Desc:	COMPACT GREY SILTY FINE SAND		



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
<b>Stratum ID:</b>	6557508			<b>Top Depth(m):</b>	9.8
<b>Bottom Depth(m):</b>	17.4			<b>Stratum Desc:</b>	STIFF GREY CLAY
<b>Stratum ID:</b>	6557509			<b>Top Depth(m):</b>	17.4
<b>Bottom Depth(m):</b>	20.3			<b>Stratum Desc:</b>	STIFF TO FIRM GREY SILTY CLAY SOME FINE SAND OCCASIONAL SHELLS AND POCKETS OF ORGANIC MATTER
<b>Stratum ID:</b>	6557510			<b>Top Depth(m):</b>	20.3
<b>Bottom Depth(m):</b>	32.9			<b>Stratum Desc:</b>	LOOSE GREY SILT SOME FINE SAND TRACE CLAY
<hr/>					
<a href="#">38</a>	1 of 1	WSW/177.7	68.7	ON	BORE
<b>Borehole ID:</b>	801582			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	
<b>Drill Method::</b>	Boring			<b>UTM Zone::</b>	18
<b>Easting::</b>	446504.86			<b>Northing::</b>	5028870.9
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	65.1
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	66.2
<b>Total Depth m::</b>	35.3			<b>Primary Name::</b>	BH 4
<b>Township::</b>				<b>Concession::</b>	
<b>Lot::</b>				<b>Municipality:</b>	
<b>Completion Date::</b>	08-MAR-1977			<b>Static Water Level::</b>	6.3
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<hr/>					
<b>--Details--</b>					
<b>Stratum ID:</b>	218568704			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	1.6			<b>Stratum Desc:</b>	Dark Brown Loose Fill-Misc sand silt Trace: Gr Tr Org M
<b>Stratum ID:</b>	218568705			<b>Top Depth(m):</b>	1.6
<b>Bottom Depth(m):</b>	2.1			<b>Stratum Desc:</b>	Brown Compact Silt - Sand
<b>Stratum ID:</b>	218568706			<b>Top Depth(m):</b>	2.1
<b>Bottom Depth(m):</b>	5.5			<b>Stratum Desc:</b>	Grey-Brown Very Stiff to Stiff Weathered Crust Silty Clay
<b>Stratum ID:</b>	218568707			<b>Top Depth(m):</b>	5.5
<b>Bottom Depth(m):</b>	8.2			<b>Stratum Desc:</b>	Grey Stiff Silty Clay
<b>Stratum ID:</b>	218568708			<b>Top Depth(m):</b>	8.2
<b>Bottom Depth(m):</b>	12.8			<b>Stratum Desc:</b>	Grey Stiff Silty Clay Trace: Org M
<b>Stratum ID:</b>	218568709			<b>Top Depth(m):</b>	12.8
<b>Bottom Depth(m):</b>	17.2			<b>Stratum Desc:</b>	Grey Stiff Silty Clay
<b>Stratum ID:</b>	218568710			<b>Top Depth(m):</b>	17.2
<b>Bottom Depth(m):</b>	30.5			<b>Stratum Desc:</b>	Grey Loose to Dense sand silt With: Cl Trace: Gr
<b>Stratum ID:</b>	218568711			<b>Top Depth(m):</b>	30.5
<b>Bottom Depth(m):</b>	32.2			<b>Stratum Desc:</b>	Grey Till sand silt With: Gr W Cob
<b>Stratum ID:</b>	218568712			<b>Top Depth(m):</b>	32.2
<b>Bottom Depth(m):</b>	35.3			<b>Stratum Desc:</b>	Black Bedrock Shale
<hr/>					
<a href="#">39</a>	1 of 1	NE/178.7	70.0	OTTAWA ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
<b>Well ID:</b>	7162755			<b>Lot:</b>	
<b>Construction Date::</b>				<b>Concession:</b>	
<b>Primary Water Use::</b>	Monitoring and Test Hole			<b>Concession Name:</b>	
<b>Sec. Water Use::</b>				<b>Easting NAD83::</b>	
<b>Final Well Status::</b>	Monitoring and Test Hole			<b>Northing NAD83::</b>	
<b>Specific Capacity::</b>				<b>Zone::</b>	
<b>Municipality:</b>	OTTAWA CITY			<b>UTM Reliability::</b>	
<b>County:</b>	OTTAWA-CARLETON				
<b>Bore Hole Information</b>					
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<b>Bore Hole ID:</b>	1003505770				
<b>DP2BR:</b>					
<b>Code OB:</b>					
<b>Code OB Description:</b>					
<b>Open Hole:</b>					
<b>Date Completed:</b>	13-APR-11				
<b>Remarks:</b>					
<b>Zone:</b>	18				
<b>East 83:</b>	446806				
<b>North 83:</b>	5029058				
<b>UTMRC:</b>	3				
<b>UTMRC Description:</b>	margin of error : 10 - 30 m				
<b>Location Method:</b>	wwr				
<b>Org CS:</b>	UTM83				
<b>Elevation:</b>					
<b>Elevrc:</b>					
<b>Elevrc Description:</b>					
<b>Location Source Date:</b>					
<b>Source Revision Comment:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Supplier Comment:</b>					
<b>Spatial Status:</b>					
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<b>Overburden and Bedrock</b>					
<b>Materials Interval</b>					
--	--				
<b>Formation ID:</b>	1003809260				
<b>Layer:</b>	1				
<b>General Color:</b>	BROWN				
<b>Most Common Material:</b>	COARSE SAND				
<b>Other Materials:</b>					
<b>Other Materials:</b>	SOFT				
<b>Formation Top Depth:</b>	0				
<b>Formation End Depth:</b>	2.74				
<b>Formation End Depth UOM:</b>	m				
--	--				
<b>Formation ID:</b>	1003809261				
<b>Layer:</b>	2				
<b>General Color:</b>	GREY				
<b>Most Common Material:</b>	CLAY				
<b>Other Materials:</b>	SAND				
<b>Other Materials:</b>	HARD				
<b>Formation Top Depth:</b>	2.74				
<b>Formation End Depth:</b>	4.27				
<b>Formation End Depth UOM:</b>	m				
--	--				
<b>Formation ID:</b>	1003809262				
<b>Layer:</b>	3				
<b>General Color:</b>	GREY				
<b>Most Common Material:</b>	CLAY				
<b>Other Materials:</b>					
<b>Other Materials:</b>	WATER-BEARING				
<b>Formation Top Depth:</b>	4.27				
<b>Formation End Depth:</b>	5.79				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation End Depth UOM:</b>		m			
--		--			
<b>Annular Space/Abandonment Sealing Record</b>					
--		--			
<b>Plug ID:</b>		1003809271			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		.31			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Plug ID:</b>		1003809272			
<b>Layer:</b>		2			
<b>Plug From:</b>		.31			
<b>Plug To:</b>		2.44			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Plug ID:</b>		1003809273			
<b>Layer:</b>		3			
<b>Plug From:</b>		2.44			
<b>Plug To:</b>		5.79			
<b>Plug Depth UOM:</b>		m			
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<b>Method of Construction &amp; Well Use</b>					
--		--			
<b>Method Construction ID:</b>		1003809269			
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>					
--		--			
<b>Pipe Information</b>					
--		--			
<b>Pipe ID:</b>		1003809259			
<b>Casing Number:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
--		--			
<b>Construction Record - Casing</b>					
--		--			
<b>Casing ID:</b>		1003809265			
<b>Layer:</b>		1			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		2.74			
<b>Casing Diameter:</b>		3.45			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
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--		--			
<b>Construction Record - Screen</b>					
--		--			
<b>Screen ID:</b>		1003809266			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		2.74			
<b>Screen End Depth:</b>		5.79			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		4.21			
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<b>Hole Diameter</b>					
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<b>Hole ID:</b>		1003809263			
<b>Diameter:</b>		8.25			



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth From:		0			
Depth To:		5.79			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
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<a href="#">40</a>	1 of 1	NE/179.1	69.9	Ottawa ON	WWIS
Well ID:	7159685			Lot:	
Construction Date::				Concession:	
Primary Water Use::	Monitoring and Test Hole			Concession Name:	
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Test Hole			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	OTTAWA CITY			UTM Reliability::	
County:	OTTAWA-CARLETON				
<b>Bore Hole Information</b>					
--	--				
Bore Hole ID:	1003479559				
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:	31-JAN-11				
Remarks:					
Zone:	18				
East 83:	446799				
North 83:	5029067				
UTMRC:	3				
UTMRC Description:	margin of error : 10 - 30 m				
Location Method:	wwr				
Org CS:	UTM83				
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
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<b>Overburden and Bedrock</b>					
<b>Materials Interval</b>					
--	--				
Formation ID:	1003807941				
Layer:	1				
General Color:	BROWN				
Most Common Material:	COARSE SAND				
Other Materials:	SOFT				
Other Materials:	DRY				
Formation Top Depth:	0				
Formation End Depth:	15				
Formation End Depth UOM:	m				
--	--				
Formation ID:	1003807942				
Layer:	2				
General Color:	GREY				
Most Common Material:	CLAY				
Other Materials:	SOFT				
Other Materials:	WATER-BEARING				
Formation Top Depth:	15				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation End Depth:</b>		5.49			
<b>Formation End Depth UOM:</b>		m			
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<b>Annular Space/Abandonment Sealing Record</b>					
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<b>Plug ID:</b>		1003807951			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		.31			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Plug ID:</b>		1003807952			
<b>Layer:</b>		2			
<b>Plug From:</b>		.31			
<b>Plug To:</b>		2.13			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Plug ID:</b>		1003807953			
<b>Layer:</b>		3			
<b>Plug From:</b>		2.13			
<b>Plug To:</b>		5.49			
<b>Plug Depth UOM:</b>		m			
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<b>Method of Construction &amp; Well Use</b>					
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<b>Method Construction ID:</b>		1003807949			
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>					
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<b>Pipe Information</b>					
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<b>Pipe ID:</b>		1003807940			
<b>Casing Number:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
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<b>Construction Record - Casing</b>					
--		--			
<b>Casing ID:</b>		1003807945			
<b>Layer:</b>		1			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		2.44			
<b>Casing Diameter:</b>		3.45			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
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<b>Construction Record - Screen</b>					
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<b>Screen ID:</b>		1003807946			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		2.44			
<b>Screen End Depth:</b>		5.49			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		4.21			
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<b>Hole Diameter</b>					
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<b>Hole ID:</b>		1003807943			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Diameter:		8.25			
Depth From:		0			
Depth To:		5.49			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
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<a href="#">41</a>	1 of 1	W/179.7	67.0	ON	BORE
Borehole ID:	847398			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	Decommissioned
Drill Method::	Diamond Drill			UTM Zone::	18
Easting::	446485			Northing::	5028944
Location Accuracy::				Orig. Ground Elev m::	64.5
Elev. Reliability Note::				DEM Ground Elev m::	70.3
Total Depth m::	36.1			Primary Name::	
Township::	NEPEAN			Concession::	BROKEN FRONT C
Lot::	LOT F			Municipality:	
Completion Date::	17-MAY-1960			Static Water Level::	.8
Primary Water Use::				Sec. Water Use::	
<b>--Details--</b>					
Stratum ID:	6557282			Top Depth(m):	0.0
Bottom Depth(m):	0.3			Stratum Desc:	TOPSOIL
Stratum ID:	6557283			Top Depth(m):	0.3
Bottom Depth(m):	1.8			Stratum Desc:	SILTY FINE SAND WITH A LITTLE CLAY VERY LOOSE (SM)
Stratum ID:	6557284			Top Depth(m):	1.8
Bottom Depth(m):	3.7			Stratum Desc:	CLAY, BROWNISH GREY, FISSURED, STIFF, HIGH PLASTICITY (CH)
Stratum ID:	6557286			Top Depth(m):	7.6
Bottom Depth(m):	9.1			Stratum Desc:	SILT, STIFF TO MEDIUM SOFT LOW PLASTICITY (ML)
Stratum ID:	6557287			Top Depth(m):	9.1
Bottom Depth(m):	15.2			Stratum Desc:	CLAY GREY, STIFF LOW PLASTICITY (CL)
Stratum ID:	6557288			Top Depth(m):	15.2
Bottom Depth(m):	18.3			Stratum Desc:	CLAYEY SILT, GREY, STIFF TO MEDIUM SOFT LOW PLASTICITY (CL - ML)
Stratum ID:	6557289			Top Depth(m):	18.3
Bottom Depth(m):	21.8			Stratum Desc:	SANDY SILT WITH SOME CLAY AND A TRACE OF GRAVEL, NON PLASTIC, MEDIUM DENSE (ML)
Stratum ID:	6557290			Top Depth(m):	21.8
Bottom Depth(m):	30.5			Stratum Desc:	SILT WITH SOME SAND AND A LITTLE CLAY, NON PLASTIC, MEDIUM DENSE (ML)
Stratum ID:	6557291			Top Depth(m):	30.5
Bottom Depth(m):	30.8			Stratum Desc:	SANDY SILT WITH A LITTLE GRAVEL AND CLAY, NON PLASTIC, LOOSE (ML)
Stratum ID:	6557292			Top Depth(m):	30.8
Bottom Depth(m):	32.3			Stratum Desc:	SANDY SILT WITH A LITTLE GRAVEL AND CLAY, NON PLASTIC, MEDIUM DENSE (ML)
Stratum ID:	6557293			Top Depth(m):	32.3
Bottom Depth(m):	32.9			Stratum Desc:	SILTY SAND WITH A LITTLE CLAY AND A



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
TRACE OF GRAVEL (TILL) DENSE (SM)					
<b>Stratum ID:</b>	6557294			<b>Top Depth(m):</b>	32.9
<b>Bottom Depth(m):</b>	34.5			<b>Stratum Desc:</b>	SHALE, CORE RECOVERY 98%
<b>Stratum ID:</b>	6557295			<b>Top Depth(m):</b>	34.5
<b>Bottom Depth(m):</b>	36.1			<b>Stratum Desc:</b>	SHALE, CORE RECOVERY 100%
<b>Stratum ID:</b>	6557285			<b>Top Depth(m):</b>	3.7
<b>Bottom Depth(m):</b>	7.6			<b>Stratum Desc:</b>	CLAY GREY, STIFF HIGH PLASTICITY (CH)
<a href="#">42</a>	1 of 3	E/184.4	68.7	Ali Gharibi 89 main Street Ottawa ON	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON9769647 <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					
<a href="#">42</a>	2 of 3	E/184.4	68.7	Main Cleaners Inc. 89 main Street Ottawa ON	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON9769647 <b>Approval Yrs::</b> 2013 <b>SIC Code:</b> 812320 <b>SIC Description:</b> DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)					
<b>--Details--</b> <b>Waste Code:</b> 241 <b>Waste Description:</b> HALOGENATED SOLVENTS					
<a href="#">42</a>	3 of 3	E/184.4	68.7	Ali Gharibi 89 main Street Ottawa ON K1S 1B7	GEN
<b>PO Box Num:</b> <b>Status:</b> Registered <b>Country:</b> Canada <b>Generator #:</b> ON9769647 <b>Approval Yrs::</b> As of Sep 2016 <b>SIC Code:</b> <b>SIC Description:</b>					
<b>--Details--</b> <b>Waste Code:</b> 241 H <b>Waste Description:</b> Halogenated solvents and residues					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">43</a>	1 of 1	NNE/184.4	68.5	T-Base Communications Inc. 50 Main St Ottawa ON K1S 1B2	SCT
Established:		1998			
Plant Size (ft²):		11			
Employment:					
<b>--Details--</b>					
Description:		Digital Printing			
SIC/NAICS Code:		323115			
Description:		Other Printing			
SIC/NAICS Code:		323119			
Description:		Manufacturing and Reproducing Magnetic and Optical Media			
SIC/NAICS Code:		334610			
Description:		Software Publishers			
SIC/NAICS Code:		511210			
<a href="#">44</a>	1 of 3	E/185.0	68.8	MAIN CLEANERS 89 MAIN STREET OTTAWA ON K1S 1B8	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON1914700			
Approval Yrs::		94,95,96,97,98,99,00,01,02,03,04,05,06,07,08			
SIC Code:		2499			
SIC Description:		OTHER CLOTHING ETC.			
<b>--Details--</b>					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
<a href="#">44</a>	2 of 3	E/185.0	68.8	MAIN CLEANERS 89 MAIN STREET OTTAWA ON K1S 1B7	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON1914700			
Approval Yrs::		2009			
SIC Code:		812320			
SIC Description:		Dry Cleaning and Laundry Services (except Coin-Operated)			
<b>--Details--</b>					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
<a href="#">44</a>	3 of 3	E/185.0	68.8	MAIN CLEANERS 89 MAIN STREET	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
OTTAWA ON K1S 1B7					
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON1914700 <b>Approval Yrs::</b> 2010 <b>SIC Code:</b> 812320 <b>SIC Description:</b> Dry Cleaning and Laundry Services (except Coin-Operated)					
<b>--Details--</b> <b>Waste Code:</b> 241 <b>Waste Description:</b> HALOGENATED SOLVENTS					
<a href="#">45</a>	1 of 1	NNE/188.0	67.9	ON	BORE
<b>Borehole ID:</b> 847596 <b>Use:</b> Geotechnical/Geological Investigation <b>Drill Method::</b> Diamond Drill <b>Easting::</b> 446754 <b>Location Accuracy::</b> <b>Elev. Reliability Note::</b> <b>Total Depth m::</b> 31.5 <b>Township::</b> NEPEAN <b>Lot::</b> ROAD <b>Completion Date::</b> 22-NOV-1961 <b>Primary Water Use::</b>					
<b>Type:</b> Borehole <b>Status::</b> Decommissioned <b>UTM Zone::</b> 18 <b>Northing::</b> 5029114 <b>Orig. Ground Elev m::</b> 67 <b>DEM Ground Elev m::</b> 70.5 <b>Primary Name::</b> <b>Concession::</b> <b>Municipality:</b> <b>Static Water Level::</b> 7.8 <b>Sec. Water Use::</b>					
<b>--Details--</b> <b>Stratum ID:</b> 6558128 <b>Bottom Depth(m):</b> 1.1  <b>Stratum ID:</b> 6558129 <b>Bottom Depth(m):</b> 8.2  <b>Stratum ID:</b> 6558130 <b>Bottom Depth(m):</b> 18.1  <b>Stratum ID:</b> 6558131 <b>Bottom Depth(m):</b> 21.6  <b>Stratum ID:</b> 6558132 <b>Bottom Depth(m):</b> 24.1  <b>Stratum ID:</b> 6558133 <b>Bottom Depth(m):</b> 27.0  <b>Stratum ID:</b> 6558134 <b>Bottom Depth(m):</b> 31.5					
<b>Top Depth(m):</b> 0.0 <b>Stratum Desc:</b> FILL VERY LOOSE TO LOOSE BROWN SILTY SAND WITH CINDERS  <b>Top Depth(m):</b> 1.1 <b>Stratum Desc:</b> STIFF GREY CLAY SOME SILT  <b>Top Depth(m):</b> 8.2 <b>Stratum Desc:</b> STIFF GREY SILTY CLAY TRACE OF FINE SAND OCCASIONAL SMALL POCKETS OF SHELLS AND ORGANIC MATTER  <b>Top Depth(m):</b> 18.1 <b>Stratum Desc:</b> COMPACT TO DENSE GREY SILT TRACE OF FINE SAND AND TRACE OF CLAY  <b>Top Depth(m):</b> 21.6 <b>Stratum Desc:</b> DENSE GREY SANDY SILT TO SILTY FINE SAND TRACE OF CLAY  <b>Top Depth(m):</b> 24.1 <b>Stratum Desc:</b> TILL VERY DENSE GREY SANDY SILT WITH GRAVEL TRACE OF CLAY  <b>Top Depth(m):</b> 27.0 <b>Stratum Desc:</b> DARK GREY SHALE BEDROCK					
<a href="#">46</a>	1 of 1	SW/189.7	66.0	ON	BORE



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Borehole ID:</b>	801007			<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>	446526.1			<b>Northing::</b>	5028819.01
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	64.6
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	63.3
<b>Total Depth m::</b>	5.6			<b>Primary Name::</b>	BH 3
<b>Township::</b>				<b>Concession::</b>	
<b>Lot::</b>				<b>Municipality:</b>	
<b>Completion Date::</b>	17-JAN-1979			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	218566366			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.3			<b>Stratum Desc:</b>	Topsoil
<b>Stratum ID:</b>	218566367			<b>Top Depth(m):</b>	0.3
<b>Bottom Depth(m):</b>	1.9			<b>Stratum Desc:</b>	Brown Very Loose Fill-Misc Silt - Sand With: Org M Trace: Cl
<b>Stratum ID:</b>	218566368			<b>Top Depth(m):</b>	1.9
<b>Bottom Depth(m):</b>	5.2			<b>Stratum Desc:</b>	Grey-Brown Very Stiff Weathered Crust Silty Clay
<b>Stratum ID:</b>	218566369			<b>Top Depth(m):</b>	5.2
<b>Bottom Depth(m):</b>	5.6			<b>Stratum Desc:</b>	Grey Stiff Silty Clay

<a href="#">47</a>	1 of 2	NE/190.5	69.8	OTTAWA ON	WWIS
<b>Well ID:</b>	7162753			<b>Lot:</b>	
<b>Construction Date::</b>				<b>Concession:</b>	
<b>Primary Water Use::</b>	Monitoring and Test Hole			<b>Concession Name:</b>	
<b>Sec. Water Use::</b>				<b>Easting NAD83::</b>	
<b>Final Well Status::</b>	Monitoring and Test Hole			<b>Northing NAD83::</b>	
<b>Specific Capacity::</b>				<b>Zone::</b>	
<b>Municipality:</b>	OTTAWA CITY			<b>UTM Reliability::</b>	
<b>County:</b>	OTTAWA-CARLETON				
<b>Bore Hole Information</b>					
--					
<b>Bore Hole ID:</b>	1003505766				
<b>DP2BR:</b>					
<b>Code OB:</b>					
<b>Code OB Description:</b>					
<b>Open Hole:</b>					
<b>Date Completed:</b>	13-APR-11				
<b>Remarks:</b>					
<b>Zone:</b>	18				
<b>East 83:</b>	446823				
<b>North 83:</b>	5029054				
<b>UTMRC:</b>	3				
<b>UTMRC Description:</b>	margin of error : 10 - 30 m				
<b>Location Method:</b>	wwr				
<b>Org CS:</b>	UTM83				
<b>Elevation:</b>					
<b>Elevrc:</b>					
<b>Elevrc Description:</b>					
<b>Location Source Date:</b>					
<b>Source Revision Comment:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Supplier Comment:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Spatial Status:</b>					
--		--			
<b>Overburden and Bedrock Materials Interval</b>					
--		--			
Formation ID:		1003809214			
Layer:		1			
General Color:		BROWN			
Most Common Material:		COARSE SAND			
Other Materials:		TOPSOIL			
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		2.13			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1003809215			
Layer:		2			
General Color:		GREY			
Most Common Material:		CLAY			
Other Materials:					
Other Materials:		HARD			
Formation Top Depth:		2.13			
Formation End Depth:		4.27			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1003809216			
Layer:		3			
General Color:		GREY			
Most Common Material:		CLAY			
Other Materials:					
Other Materials:		SOFT			
Formation Top Depth:		4.27			
Formation End Depth:		5.79			
Formation End Depth UOM:		m			
--		--			
<b>Annular Space/Abandonment Sealing Record</b>					
--		--			
Plug ID:		1003809225			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
--		--			
Plug ID:		1003809226			
Layer:		2			
Plug From:		.31			
Plug To:		2.44			
Plug Depth UOM:		m			
--		--			
Plug ID:		1003809227			
Layer:		3			
Plug From:		2.44			
Plug To:		5.79			
Plug Depth UOM:		m			
--		--			
<b>Method of Construction &amp; Well Use</b>					
--		--			
Method Construction ID:		1003809223			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
--		--			
<b>Pipe Information</b>					
--		--			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pipe ID:		1003809213			
Casing Number:		0			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		1003809219			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.74			
Casing Diameter:		3.45			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1003809220			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.74			
Screen End Depth:		5.79			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.21			
--		--			
Hole Diameter					
--		--			
Hole ID:		1003809217			
Diameter:		8.25			
Depth From:		0			
Depth To:		5.79			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
--		--			

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2 of 2

NE/190.5

69.8

OTTAWA ON

WWIS

Well ID: 7162754  
 Construction Date::  
 Primary Water Use:: Monitoring and Test Hole  
 Sec. Water Use::  
 Final Well Status:: Monitoring and Test Hole  
 Specific Capacity::  
 Municipality: OTTAWA CITY  
 County: OTTAWA-CARLETON

Lot:  
 Concession:  
 Concession Name:  
 Easting NAD83::  
 Northing NAD83::  
 Zone::  
 UTM Reliability::

**Bore Hole Information**

--  
 Bore Hole ID: 1003505768  
 DP2BR:  
 Code OB:  
 Code OB Description:  
 Open Hole:  
 Date Completed: 13-APR-11  
 Remarks:  
 Zone: 18  
 East 83: 446823  
 North 83: 5029055  
 UTMRC: 3



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>UTMRC Description:</b>		margin of error : 10 - 30 m			
<b>Location Method:</b>		wwr			
<b>Org CS:</b>		UTM83			
<b>Elevation:</b>					
<b>Elevrc:</b>					
<b>Elevrc Description:</b>					
<b>Location Source Date:</b>					
<b>Source Revision Comment:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Supplier Comment:</b>					
<b>Spatial Status:</b>					
--		--			
<b>Overburden and Bedrock Materials Interval</b>					
--		--			
<b>Formation ID:</b>		1003809229			
<b>Layer:</b>		1			
<b>General Color:</b>		BROWN			
<b>Most Common Material:</b>		COARSE SAND			
<b>Other Materials:</b>					
<b>Other Materials:</b>		SOFT			
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		2.74			
<b>Formation End Depth UOM:</b>		m			
--		--			
<b>Formation ID:</b>		1003809230			
<b>Layer:</b>		2			
<b>General Color:</b>		GREY			
<b>Most Common Material:</b>		CLAY			
<b>Other Materials:</b>		SAND			
<b>Other Materials:</b>		HARD			
<b>Formation Top Depth:</b>		2.74			
<b>Formation End Depth:</b>		4.27			
<b>Formation End Depth UOM:</b>		m			
--		--			
<b>Formation ID:</b>		1003809231			
<b>Layer:</b>		3			
<b>General Color:</b>		GREY			
<b>Most Common Material:</b>		CLAY			
<b>Other Materials:</b>					
<b>Other Materials:</b>		SOFT			
<b>Formation Top Depth:</b>		4.27			
<b>Formation End Depth:</b>		5.79			
<b>Formation End Depth UOM:</b>		m			
--		--			
<b>Annular Space/Abandonment Sealing Record</b>					
--		--			
<b>Plug ID:</b>		1003809240			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		.31			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Plug ID:</b>		1003809241			
<b>Layer:</b>		2			
<b>Plug From:</b>		.31			
<b>Plug To:</b>		2.44			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Plug ID:</b>		1003809242			
<b>Layer:</b>		3			
<b>Plug From:</b>		2.44			
<b>Plug To:</b>		5.79			
<b>Plug Depth UOM:</b>		m			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--	--	--	--	--	--
<b>Method of Construction &amp; Well Use</b>					
--	--	--	--	--	--
Method Construction ID:		1003809238			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
--	--	--	--	--	--
<b>Pipe Information</b>					
--	--	--	--	--	--
Pipe ID:		1003809228			
Casing Number:		0			
Comment:					
Alt Name:					
--	--	--	--	--	--
<b>Construction Record - Casing</b>					
--	--	--	--	--	--
Casing ID:		1003809234			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.74			
Casing Diameter:		3.45			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--	--	--	--	--	--
--	--	--	--	--	--
<b>Construction Record - Screen</b>					
--	--	--	--	--	--
Screen ID:		1003809235			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.74			
Screen End Depth:		5.79			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.21			
--	--	--	--	--	--
<b>Hole Diameter</b>					
--	--	--	--	--	--
Hole ID:		1003809232			
Diameter:		8.25			
Depth From:		0			
Depth To:		5.79			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
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1 of 1

NNW/192.9

67.9

Ottawa ON

WWIS

Well ID: 7155882  
 Construction Date::  
 Primary Water Use:: Monitoring and Test Hole  
 Sec. Water Use::  
 Final Well Status:: Monitoring and Test Hole  
 Specific Capacity::  
 Municipality: OTTAWA CITY  
 County: OTTAWA-CARLETON

Lot:  
 Concession:  
 Concession Name:  
 Easting NAD83::  
 Northing NAD83::  
 Zone::  
 UTM Reliability::

**Bore Hole Information**

-- --

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Bore Hole ID:		1003433872			
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:		19-OCT-10			
Remarks:					
Zone:		18			
East 83:		446608			
North 83:		5029133			
UTMRC:		3			
UTMRC Description:		margin of error : 10 - 30 m			
Location Method:		wwr			
Org CS:		UTM83			
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock Materials Interval					
--		--			
Formation ID:		1003638542			
Layer:		1			
General Color:		BLACK			
Most Common Material:		TOPSOIL			
Other Materials:		SOFT			
Other Materials:		DRY			
Formation Top Depth:		0			
Formation End Depth:		.91			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1003638543			
Layer:		2			
General Color:		BROWN			
Most Common Material:		SAND			
Other Materials:		SOFT			
Other Materials:		DRY			
Formation Top Depth:		.91			
Formation End Depth:		2.44			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1003638544			
Layer:		3			
General Color:		BROWN			
Most Common Material:		SAND			
Other Materials:		SOFT			
Other Materials:		DRY			
Formation Top Depth:		2.44			
Formation End Depth:		3.66			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1003638545			
Layer:		4			
General Color:		GREY			
Most Common Material:		CLAY			
Other Materials:		SOFT			
Other Materials:		WATER-BEARING			
Formation Top Depth:		3.66			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
--	--	--	--	--	--
<b>Annular Space/Abandonment Sealing Record</b>					
--	--	--	--	--	--
<b>Plug ID:</b>		1003638547			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		.31			
<b>Plug Depth UOM:</b>		m			
--	--	--	--	--	--
<b>Plug ID:</b>		1003638548			
<b>Layer:</b>		2			
<b>Plug From:</b>		.31			
<b>Plug To:</b>		1.22			
<b>Plug Depth UOM:</b>		m			
--	--	--	--	--	--
<b>Plug ID:</b>		1003638549			
<b>Layer:</b>		3			
<b>Plug From:</b>		1.22			
<b>Plug To:</b>		4.57			
<b>Plug Depth UOM:</b>		m			
--	--	--	--	--	--
<b>Method of Construction &amp; Well Use</b>					
--	--	--	--	--	--
<b>Method Construction ID:</b>		1003638555			
<b>Method Construction Code:</b>		B			
<b>Method Construction:</b>		Other Method			
<b>Other Method Construction:</b>		DIRECT PUSH			
--	--	--	--	--	--
<b>Pipe Information</b>					
--	--	--	--	--	--
<b>Pipe ID:</b>		1003638541			
<b>Casing Number:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
--	--	--	--	--	--
<b>Construction Record - Casing</b>					
--	--	--	--	--	--
<b>Casing ID:</b>		1003638551			
<b>Layer:</b>		1			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		1.5			
<b>Casing Diameter:</b>		4.03			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
--	--	--	--	--	--
<b>Construction Record - Screen</b>					
--	--	--	--	--	--
<b>Screen ID:</b>		1003638552			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		1.5			
<b>Screen End Depth:</b>		4.57			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		4.82			
--	--	--	--	--	--
<b>Hole Diameter</b>					
--	--	--	--	--	--
<b>Hole ID:</b>		1003638546			
<b>Diameter:</b>		8.25			
<b>Depth From:</b>		0			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth To:		4.57			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
--		--			
<a href="#">49</a>	1 of 1	NE/194.2	73.8	Ottawa ON	WWIS
Well ID:	7159669			Lot:	
Construction Date::				Concession:	
Primary Water Use::	Monitoring and Test Hole			Concession Name:	
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Test Hole			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	OTTAWA CITY			UTM Reliability::	
County:	OTTAWA-CARLETON				
<b>Bore Hole Information</b>					
--	--				
Bore Hole ID:	1003479527				
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:	31-JAN-11				
Remarks:					
Zone:	18				
East 83:	446790				
North 83:	5029097				
UTMRC:	3				
UTMRC Description:	margin of error : 10 - 30 m				
Location Method:	wwr				
Org CS:	UTM83				
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--	--				
<b>Overburden and Bedrock</b>					
<b>Materials Interval</b>					
--	--				
Formation ID:	1003806833				
Layer:	1				
General Color:	BROWN				
Most Common Material:	FILL				
Other Materials:	GRAVEL				
Other Materials:	SAND				
Formation Top Depth:	0				
Formation End Depth:	3.1				
Formation End Depth UOM:	m				
--	--				
Formation ID:	1003806834				
Layer:	2				
General Color:	GREY				
Most Common Material:	CLAY				
Other Materials:	SOFT				
Other Materials:	WATER-BEARING				
Formation Top Depth:	3.1				
Formation End Depth:	5.49				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation End Depth UOM:</b>		m			
--		--			
<b>Annular Space/Abandonment Sealing Record</b>					
--		--			
<b>Plug ID:</b>		1003806843			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		.31			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Plug ID:</b>		1003806844			
<b>Layer:</b>		2			
<b>Plug From:</b>		.31			
<b>Plug To:</b>		2.13			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Plug ID:</b>		1003806845			
<b>Layer:</b>		3			
<b>Plug From:</b>		2.13			
<b>Plug To:</b>		5.49			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Method of Construction &amp; Well Use</b>					
--		--			
<b>Method Construction ID:</b>		1003806841			
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>					
--		--			
<b>Pipe Information</b>					
--		--			
<b>Pipe ID:</b>		1003806832			
<b>Casing Number:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
--		--			
<b>Construction Record - Casing</b>					
--		--			
<b>Casing ID:</b>		1003806837			
<b>Layer:</b>		1			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		2.44			
<b>Casing Diameter:</b>		3.45			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
--		--			
--		--			
<b>Construction Record - Screen</b>					
--		--			
<b>Screen ID:</b>		1003806838			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		2.44			
<b>Screen End Depth:</b>		5.49			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		4.21			
--		--			
<b>Hole Diameter</b>					
--		--			
<b>Hole ID:</b>		1003806835			
<b>Diameter:</b>		8.25			



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth From:		0			
Depth To:		5.49			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
--		--			

<a href="#">50</a>	1 of 1	N/195.3	68.7	ON	BORE
Borehole ID:	613251			Type:	Borehole
Use:				Status::	
Drill Method::				UTM Zone::	18
Easting::	446691			Northing::	5029142
Location Accuracy::				Orig. Ground Elev m::	68.1
Elev. Reliability Note::				DEM Ground Elev m::	67.1
Total Depth m::	34.2			Primary Name::	
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	JUN-1971			Static Water Level::	-999.9
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218394338			Top Depth(m):	0.0
Bottom Depth(m):	0.3			Stratum Desc:	ARTIFICIAL.
Stratum ID:	218394339			Top Depth(m):	0.3
Bottom Depth(m):	0.8			Stratum Desc:	SAND.
Stratum ID:	218394340			Top Depth(m):	0.8
Bottom Depth(m):	2.3			Stratum Desc:	SILT. LOOSE.
Stratum ID:	218394341			Top Depth(m):	2.3
Bottom Depth(m):	9.8			Stratum Desc:	CLAY. BROWN,GREY,STIFF.
Stratum ID:	218394342			Top Depth(m):	9.8
Bottom Depth(m):	12.8			Stratum Desc:	CLAY. GREY,STIFF.
Stratum ID:	218394343			Top Depth(m):	12.8
Bottom Depth(m):	21.3			Stratum Desc:	CLAY. GREY.
Stratum ID:	218394344			Top Depth(m):	21.3
Bottom Depth(m):	25.9			Stratum Desc:	SILT. DENSE.
Stratum ID:	218394345			Top Depth(m):	25.9
Bottom Depth(m):	31.3			Stratum Desc:	TILL. VERY DENSE.
Stratum ID:	218394346			Top Depth(m):	31.3
Bottom Depth(m):	34.2			Stratum Desc:	BEDROCK. 00010 038 00025 022 00075 060 00320 040 00420 042 00700 015 0001

<a href="#">51</a>	1 of 2	NE/197.2	73.8	Ottawa ON	WWIS
Well ID:	7159668			Lot:	
Construction Date::				Concession:	
Primary Water Use::	Monitoring and Test Hole			Concession Name:	
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Test Hole			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	OTTAWA CITY			UTM Reliability::	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
County:		OTTAWA-CARLETON			
Bore Hole Information					
--		--			
Bore Hole ID:		1003479525			
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:		31-JAN-11			
Remarks:					
Zone:		18			
East 83:		446791			
North 83:		5029100			
UTMRC:		3			
UTMRC Description:		margin of error : 10 - 30 m			
Location Method:		wwr			
Org CS:		UTM83			
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock Materials Interval					
--		--			
Formation ID:		1003806705			
Layer:		1			
General Color:		BROWN			
Most Common Material:		FILL			
Other Materials:		GRAVEL			
Other Materials:		SAND			
Formation Top Depth:		0			
Formation End Depth:		3.1			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1003806706			
Layer:		2			
General Color:		GREY			
Most Common Material:		CLAY			
Other Materials:		SOFT			
Other Materials:		WATER-BEARING			
Formation Top Depth:		3.1			
Formation End Depth:		5.49			
Formation End Depth UOM:		m			
--		--			
Annular Space/Abandonment Sealing Record					
--		--			
Plug ID:		1003806715			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
--		--			
Plug ID:		1003806716			
Layer:		2			
Plug From:		.31			
Plug To:		2.31			
Plug Depth UOM:		m			
--		--			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Plug ID:</b>		1003806717			
<b>Layer:</b>		3			
<b>Plug From:</b>		2.13			
<b>Plug To:</b>		5.49			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Method of Construction &amp; Well Use</b>					
--		--			
<b>Method Construction ID:</b>		1003806713			
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>		--			
--		--			
<b>Pipe Information</b>					
--		--			
<b>Pipe ID:</b>		1003806704			
<b>Casing Number:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>		--			
--		--			
<b>Construction Record - Casing</b>					
--		--			
<b>Casing ID:</b>		1003806709			
<b>Layer:</b>		1			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		2.44			
<b>Casing Diameter:</b>		3.45			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
--		--			
--		--			
<b>Construction Record - Screen</b>					
--		--			
<b>Screen ID:</b>		1003806710			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		2.44			
<b>Screen End Depth:</b>		5.49			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		4.21			
--		--			
<b>Hole Diameter</b>					
--		--			
<b>Hole ID:</b>		1003806707			
<b>Diameter:</b>		8.25			
<b>Depth From:</b>		0			
<b>Depth To:</b>		5.49			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
--		--			
--		--			

[51](#)

2 of 2

NE/197.2

73.7

Ottawa ON

WWIS

**Well ID:** 7159670  
**Construction Date::**  
**Primary Water Use::** Monitoring and Test Hole  
**Sec. Water Use::**  
**Final Well Status::** Test Hole  
**Specific Capacity::**

**Lot:**  
**Concession:**  
**Concession Name:**  
**Easting NAD83::**  
**Northing NAD83::**  
**Zone::**



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>Municipality:</b>	OTTAWA CITY			<b>UTM Reliability::</b>	
<b>County:</b>	OTTAWA-CARLETON				
<b>Bore Hole Information</b>					
--	--				
<b>Bore Hole ID:</b>	1003479529				
<b>DP2BR:</b>					
<b>Code OB:</b>					
<b>Code OB Description:</b>					
<b>Open Hole:</b>					
<b>Date Completed:</b>	31-JAN-11				
<b>Remarks:</b>					
<b>Zone:</b>	18				
<b>East 83:</b>	446790				
<b>North 83:</b>	5029101				
<b>UTMRC:</b>	3				
<b>UTMRC Description:</b>	margin of error : 10 - 30 m				
<b>Location Method:</b>	wwr				
<b>Org CS:</b>	UTM83				
<b>Elevation:</b>					
<b>Elevrc:</b>					
<b>Elevrc Description:</b>					
<b>Location Source Date:</b>					
<b>Source Revision Comment:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Supplier Comment:</b>					
<b>Spatial Status:</b>					
--	--				
<b>Overburden and Bedrock</b>					
<b>Materials Interval</b>					
--	--				
<b>Formation ID:</b>	1003806909				
<b>Layer:</b>	1				
<b>General Color:</b>	BROWN				
<b>Most Common Material:</b>	FILL				
<b>Other Materials:</b>	GRAVEL				
<b>Other Materials:</b>	SAND				
<b>Formation Top Depth:</b>	0				
<b>Formation End Depth:</b>	3.1				
<b>Formation End Depth UOM:</b>	m				
--	--				
<b>Formation ID:</b>	1003806910				
<b>Layer:</b>	2				
<b>General Color:</b>	GREY				
<b>Most Common Material:</b>	CLAY				
<b>Other Materials:</b>	SOFT				
<b>Other Materials:</b>	WATER-BEARING				
<b>Formation Top Depth:</b>	3.1				
<b>Formation End Depth:</b>	5.49				
<b>Formation End Depth UOM:</b>	m				
--	--				
<b>Annular Space/Abandonment</b>					
<b>Sealing Record</b>					
--	--				
<b>Plug ID:</b>	1003806919				
<b>Layer:</b>	1				
<b>Plug From:</b>	0				
<b>Plug To:</b>	.31				
<b>Plug Depth UOM:</b>	m				
--	--				
<b>Plug ID:</b>	1003806920				
<b>Layer:</b>	2				
<b>Plug From:</b>	.31				
<b>Plug To:</b>	2.13				
<b>Plug Depth UOM:</b>	m				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--	--	--	--	--	--
Plug ID:		1003806921			
Layer:		3			
Plug From:		2.13			
Plug To:		5.49			
Plug Depth UOM:		m			
--	--	--	--	--	--
<b>Method of Construction &amp; Well Use</b>					
--	--	--	--	--	--
Method Construction ID:		1003806917			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
--	--	--	--	--	--
<b>Pipe Information</b>					
--	--	--	--	--	--
Pipe ID:		1003806908			
Casing Number:		0			
Comment:					
Alt Name:					
--	--	--	--	--	--
<b>Construction Record - Casing</b>					
--	--	--	--	--	--
Casing ID:		1003806913			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.44			
Casing Diameter:		3.45			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--	--	--	--	--	--
--	--	--	--	--	--
<b>Construction Record - Screen</b>					
--	--	--	--	--	--
Screen ID:		1003806914			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.44			
Screen End Depth:		5.49			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.21			
--	--	--	--	--	--
<b>Hole Diameter</b>					
--	--	--	--	--	--
Hole ID:		1003806911			
Diameter:		8.25			
Depth From:		0			
Depth To:		5.49			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--	--	--	--	--	--
--	--	--	--	--	--

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1 of 1

W/198.7

73.9

ON

BORE

**Borehole ID:** 847432  
**Use:** Geotechnical/Geological Investigation  
**Drill Method::** Diamond Drill  
**Easting::** 446466  
**Location Accuracy::**

**Type:** Borehole  
**Status::** Decommissioned  
**UTM Zone::** 18  
**Northing::** 5028935  
**Orig. Ground Elev m::** 64.1

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	72
<b>Total Depth m::</b>	36.6			<b>Primary Name::</b>	
<b>Township::</b>	NEPEAN			<b>Concession::</b>	BROKEN FRONT C
<b>Lot::</b>	LOT F			<b>Municipality:</b>	
<b>Completion Date::</b>	02-FEB-1961			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6557494			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	7.5			<b>Stratum Desc:</b>	STIFF GREY TO GREY-BROWN CLAY, SILTY FINE SAND
<b>Stratum ID:</b>	6557495			<b>Top Depth(m):</b>	7.5
<b>Bottom Depth(m):</b>	16.8			<b>Stratum Desc:</b>	STIFF GREY SILTY CLAY SOME FINE SAND
<b>Stratum ID:</b>	6557496			<b>Top Depth(m):</b>	16.8
<b>Bottom Depth(m):</b>	31.5			<b>Stratum Desc:</b>	COMPACT GREY SILT SOME FINE SAND TRACE OF CLAY
<b>Stratum ID:</b>	6557497			<b>Top Depth(m):</b>	31.5
<b>Bottom Depth(m):</b>	32.8			<b>Stratum Desc:</b>	SANDY TILL
<b>Stratum ID:</b>	6557498			<b>Top Depth(m):</b>	32.8
<b>Bottom Depth(m):</b>	36.6			<b>Stratum Desc:</b>	BEDROCK
<b>53</b>	1 of 1	W/199.3	74.3	ON	BORE
<b>Borehole ID:</b>	847436			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Diamond Drill			<b>UTM Zone::</b>	18
<b>Easting::</b>	446465			<b>Northing::</b>	5028952
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	64.4
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	72.9
<b>Total Depth m::</b>	17.3			<b>Primary Name::</b>	
<b>Township::</b>	NEPEAN			<b>Concession::</b>	BROKEN FRONT C
<b>Lot::</b>	LOT F			<b>Municipality:</b>	
<b>Completion Date::</b>	09-FEB-1961			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	6557513			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	1.5			<b>Stratum Desc:</b>	LOOSE BROWN FILL
<b>Stratum ID:</b>	6557514			<b>Top Depth(m):</b>	1.5
<b>Bottom Depth(m):</b>	6.9			<b>Stratum Desc:</b>	STIFF GREY CLAY SOME SILT TRACE FINE SAND
<b>Stratum ID:</b>	6557515			<b>Top Depth(m):</b>	6.9
<b>Bottom Depth(m):</b>	17.3			<b>Stratum Desc:</b>	STIFF GREY SILTY CLAY SOME FINE SAND
<b>54</b>	1 of 1	NE/202.7	69.4	Ottawa ON	WWIS
<b>Well ID:</b>	7225387			<b>Lot:</b>	
<b>Construction Date::</b>				<b>Concession:</b>	
<b>Primary Water Use::</b>	Monitoring and Test Hole			<b>Concession Name:</b>	
<b>Sec. Water Use::</b>				<b>Easting NAD83::</b>	
<b>Final Well Status::</b>	Abandoned-Other			<b>Northing NAD83::</b>	
<b>Specific Capacity::</b>				<b>Zone::</b>	
<b>Municipality:</b>	OTTAWA CITY			<b>UTM Reliability::</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
County:		OTTAWA-CARLETON			
Bore Hole Information					
--		--			
Bore Hole ID:		1005060489			
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:		23-JUN-14			
Remarks:					
Zone:		18			
East 83:		446807			
North 83:		5029093			
UTMRC:		4			
UTMRC Description:		margin of error : 30 m - 100 m			
Location Method:		wwr			
Org CS:		UTM83			
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock Materials Interval					
--		--			
Formation ID:		1005271175			
Layer:					
General Color:					
Most Common Material:					
Other Materials:					
Other Materials:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:		m			
--		--			
Annular Space/Abandonment Sealing Record					
--		--			
Plug ID:		1005271183			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
--		--			
Plug ID:		1005271184			
Layer:		2			
Plug From:		.31			
Plug To:		2.44			
Plug Depth UOM:		m			
--		--			
Plug ID:		1005271185			
Layer:		3			
Plug From:		2.44			
Plug To:		5.79			
Plug Depth UOM:		m			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		1005271182			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b>					
--	--				
<b>Pipe Information</b>					
--	--				
Pipe ID:		1005271174			
Casing Number:		0			
Comment:					
Alt Name:					
--	--				
<b>Construction Record - Casing</b>					
--	--				
Casing ID:		1005271178			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:					
Casing Diameter:		3.45			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--	--				
--	--				
<b>Construction Record - Screen</b>					
--	--				
Screen ID:		1005271179			
Layer:		1			
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.21			
--	--				
<b>Hole Diameter</b>					
--	--				
Hole ID:		1005271176			
Diameter:		10.92			
Depth From:		0			
Depth To:		1.83			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--	--				
--	--				
<a href="#"><u>55</u></a>	1 of 1	N/203.2	69.1	145-159 Echo Drive, 163-165 Echo Drive, 23-25 Harvey Street Ottawa ON	RSC
<b>Registration No:</b>					
<b>RSC Type:</b>					
<b>Restoration Type:</b>					
Date Submitted:		Generic			
Date Acknowledg.:		07/26/00			
Certification Date:		08/17/00			
<b>Date Returned:</b>					
<b>Soil Type:</b>					
Criteria:		Coarse			
Current Property Use:		Ind/Comm + Non-potable			
<b>Certificate Prop Use No:</b>					
<b>Intended Prop Use:</b>					
<b>Applicable Standards:</b>					
Stratified (Y/N):		N			
Consultant:		John D. Paterson & Associates Ltd.			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>District Office:</b> <b>Property Municipal Address:</b> <b>Legal Description:</b> <b>Prop. Identification No:</b> <b>Entire legal prop. (y/n):</b> <b>UTM Coordinates:</b> <b>Latitude &amp; Longitude:</b> <b>Accuracy Estimate:</b> <b>Measurement Method:</b> <b>CPU Issued Sect 1686:</b>		Ottawa			
<a href="#">56</a>	1 of 1	ESE/206.1	68.1	Sherbrooke Urban Developments Ltd. 103 Main Street, 43 to 55 Evelyn Avenue Ottawa ON	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <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>		7311-6GNPV4 2005 10/4/2005 Municipal and Private Sewage Works Approved			
<a href="#">57</a>	1 of 1	E/215.4	69.1	Siddiqur Rahman 44 Lees Avenue Ottawa ON K1S 0B9	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> <b>Approval Yrs::</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON3990884 02,03,04			
<b>--Details--</b> <b>Waste Code:</b> <b>Waste Description:</b>		221 LIGHT FUELS			
<b>Waste Code:</b> <b>Waste Description:</b>		251 OIL SKIMMINGS & SLUDGES			
<b>Waste Code:</b> <b>Waste Description:</b>		252 WASTE OILS & LUBRICANTS			
<a href="#">58</a>	1 of 1	WSW/216.3	67.7	R.M. OF OTTAWA-CARLETON QUEEN ELIZABETH DR./PRETORIA OTTAWA CITY ON	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b>		7-0179-99- 99 4/9/1999 Municipal water Approved			



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<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>					
<a href="#">59</a>	1 of 1	N/217.5	69.0	155 Echo on the Canal 145-165 Echo Drive Ottawa ON K1S 1M9	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <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>		3464-4LJGVF 00 6/23/00 Municipal & Private sewage Approved New Certificate of Approval Claridge Homes (Crown Point) Inc. 210 Gladstone Avenue Ottawa K1M 0G6 This application is for a Stormwater management facility to accommodate the construction of 25 Townhouses including private sectors.   			
<a href="#">60</a>	1 of 2	NNE/217.7	68.6	40 and 44 Main Street Ottawa ON	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <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>		5136-544KS2 01 11/5/01 Municipal & Private sewage Approved Amended CofA Limestone Developments Ltd. 1411A Carling Avenue, Suite 111 Ottawa K1Z 1A7 Error on the company address has been corrected.   			
<a href="#">60</a>	2 of 2	NNE/217.7	68.6	40 and 44 Main Street Ottawa ON	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <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>		5604-4TWSC5 01 11/5/01 Municipal & Private sewage Revoked and/or Replaced New Certificate of Approval Limestone Developments Ltd. 1411A Carlin Avenue Ottawa K1Z 1A7 This is an application for a Municipal Sewage Works Certificate of Approval for a stormwater management design to control off-site into municipal sewer.  			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Emission Control::</b>					
<a href="#">61</a>	1 of 1	SE/221.4	69.1	ON	BORE
<b>Borehole ID:</b>	613211			<b>Type:</b>	Borehole
<b>Use:</b>				<b>Status::</b>	
<b>Drill Method::</b>				<b>UTM Zone::</b>	18
<b>Easting::</b>	446811			<b>Northing::</b>	5028782
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	67.6
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	66.9
<b>Total Depth m::</b>	10.4			<b>Primary Name::</b>	
<b>Township::</b>				<b>Concession::</b>	
<b>Lot::</b>				<b>Municipality:</b>	
<b>Completion Date::</b>	NOV-1964			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	218394151			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.2			<b>Stratum Desc:</b>	UNSPECIFIED.
<b>Stratum ID:</b>	218394152			<b>Top Depth(m):</b>	0.2
<b>Bottom Depth(m):</b>	1.5			<b>Stratum Desc:</b>	SILT. DENSE.
<b>Stratum ID:</b>	218394153			<b>Top Depth(m):</b>	1.5
<b>Bottom Depth(m):</b>	2.3			<b>Stratum Desc:</b>	SAND-VERY FINE TO FINE.
<b>Stratum ID:</b>	218394154			<b>Top Depth(m):</b>	2.3
<b>Bottom Depth(m):</b>	3.2			<b>Stratum Desc:</b>	CLAY. BROWN,GREY,HARD,FISSURED.
<b>Stratum ID:</b>	218394155			<b>Top Depth(m):</b>	3.2
<b>Bottom Depth(m):</b>	5.0			<b>Stratum Desc:</b>	CLAY. BROWN,GREY,VERY SOFT,FISSURED.
<b>Stratum ID:</b>	218394156			<b>Top Depth(m):</b>	5.0
<b>Bottom Depth(m):</b>	5.8			<b>Stratum Desc:</b>	CLAY. BROWN,GREY,STIFF.
<b>Stratum ID:</b>	218394157			<b>Top Depth(m):</b>	5.8
<b>Bottom Depth(m):</b>	7.6			<b>Stratum Desc:</b>	CLAY. GREY,STIFF.
<b>Stratum ID:</b>	218394158			<b>Top Depth(m):</b>	7.6
<b>Bottom Depth(m):</b>	10.4			<b>Stratum Desc:</b>	CLAY. GREY,STIFF. 00005 019 00050 015 00076 040 00105 050 00165 046 00190 05
<a href="#">62</a>	1 of 1	ENE/221.6	69.4	47 LEES AVE, OTTAWA ON	PINC
<b>Incident ID:</b>				<b>Health Impact:</b>	
<b>Incident No:</b>	1420890			<b>Environment Impact:</b>	
<b>Type:</b>	FS-Pipeline Incident			<b>Property Damage:</b>	Yes
<b>Status Code:</b>	Pipeline Damage Reason Est			<b>Service Interrupt:</b>	
<b>Fuel Occurrence Tp:</b>				<b>Enforce Policy:</b>	Yes
<b>Fuel Type:</b>				<b>Public Relation:</b>	
<b>Tank Status:</b>	RC Established			<b>Pipeline System:</b>	
<b>Task No:</b>	5072261			<b>Depth:</b>	
<b>Spills Action Centre:</b>				<b>Pipe Material:</b>	
<b>Method Details:</b>	E-mail			<b>PSIG:</b>	
<b>Fuel Category:</b>	Natural Gas			<b>Attribute Category:</b>	FS-Perform P-line Inc Invest
<b>Date of Occurrence:</b>				<b>Regulator Location:</b>	
<b>Occurrence Start</b>	2014/07/03				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Date:</b> <b>Operation Type:</b> <b>Pipeline Type:</b> <b>Regulator Type:</b> <b>Summary:</b> 47 LEES AVE, OTTAWA - PIPELINE HIT - 1/2" <b>Reported By:</b> Ryan Noble - Enbridge Gas <b>Affiliation:</b> <b>Occurrence Desc:</b> <b>Damage Reason:</b> Excavation practices not sufficient <b>Notes:</b>					
<a href="#">63</a>	1 of 1	N/225.4	69.0	143 and 145 Echo Drive Ottawa ON	EHS
<b>Postal Code:</b> <b>City:</b> <b>Address2:</b> <b>Address1:</b> <b>Provstate:</b> <b>Order No.:</b> 20090817047 <b>Addit. Info Ordered::</b> Fire Insur. Maps and/or Sire Plans <b>Report Date:</b> 8/26/2009 <b>Report Type:</b> Standard Report <b>Search Radius (km):</b> 0.25					
<a href="#">64</a>	1 of 1	N/226.3	68.4	ON	BORE
<b>Borehole ID:</b> 613255 <b>Use:</b> <b>Drill Method::</b> <b>Easting::</b> 446631 <b>Location Accuracy::</b> <b>Elev. Reliability Note::</b> <b>Total Depth m::</b> -999 <b>Township::</b> <b>Lot::</b> <b>Completion Date::</b> FEB-1968 <b>Primary Water Use::</b>					
<b>Type:</b> Borehole <b>Status::</b> <b>UTM Zone::</b> 18 <b>Northing::</b> 5029172 <b>Orig. Ground Elev m::</b> 65.5 <b>DEM Ground Elev m::</b> 67.6 <b>Primary Name::</b> <b>Concession::</b> <b>Municipality:</b> <b>Static Water Level::</b> -999.9 <b>Sec. Water Use::</b>					
<b>--Details--</b>					
<b>Stratum ID:</b> 218394369 <b>Bottom Depth(m):</b>					
<b>Top Depth(m):</b> 28.7 <b>Stratum Desc:</b> BEDROCK. 0075 060 00320 040 00420 042 00700 015 000100040002500700075006004200					
<b>Stratum ID:</b> 218394361 <b>Bottom Depth(m):</b> 0.6					
<b>Top Depth(m):</b> 0.0 <b>Stratum Desc:</b> SOIL.					
<b>Stratum ID:</b> 218394362 <b>Bottom Depth(m):</b> 4.5					
<b>Top Depth(m):</b> 0.6 <b>Stratum Desc:</b> SAND. BROWN, LOOSE.					
<b>Stratum ID:</b> 218394363 <b>Bottom Depth(m):</b> 5.9					
<b>Top Depth(m):</b> 4.5 <b>Stratum Desc:</b> CLAY. GREY, STIFF, FRACTURED.					
<b>Stratum ID:</b> 218394364 <b>Bottom Depth(m):</b> 16.5					
<b>Top Depth(m):</b> 5.9 <b>Stratum Desc:</b> CLAY. GREY, STIFF.					
<b>Stratum ID:</b> 218394365 <b>Bottom Depth(m):</b> 20.4					
<b>Top Depth(m):</b> 16.5 <b>Stratum Desc:</b> SILT. GREY, COMPACT.					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Stratum ID:</b>	218394366			<b>Top Depth(m):</b>	20.4
<b>Bottom Depth(m):</b>	20.7			<b>Stratum Desc:</b>	GRAVEL.
<b>Stratum ID:</b>	218394367			<b>Top Depth(m):</b>	20.7
<b>Bottom Depth(m):</b>	23.2			<b>Stratum Desc:</b>	SAND. GREY,COMPACT.
<b>Stratum ID:</b>	218394368			<b>Top Depth(m):</b>	23.2
<b>Bottom Depth(m):</b>	28.7			<b>Stratum Desc:</b>	TILL. BROWN,VERY HARD.
<b>65</b>	1 of 1	<b>E/226.6</b>	<b>66.7</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	807401			<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>	446889.32			<b>Northing::</b>	5028918.72
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	66.6
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	66.1
<b>Total Depth m::</b>	13.4			<b>Primary Name::</b>	BH 2
<b>Township::</b>				<b>Concession::</b>	
<b>Lot::</b>				<b>Municipality:</b>	
<b>Completion Date::</b>	04-JAN-1991			<b>Static Water Level::</b>	6.2
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	218592768			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Asphalt
<b>Stratum ID:</b>	218592769			<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>	0.2			<b>Stratum Desc:</b>	Grey Crushed Stone
<b>Stratum ID:</b>	218592770			<b>Top Depth(m):</b>	0.2
<b>Bottom Depth(m):</b>	0.4			<b>Stratum Desc:</b>	Grey-Brown Silt - Sand
<b>Stratum ID:</b>	218592771			<b>Top Depth(m):</b>	0.4
<b>Bottom Depth(m):</b>	3.5			<b>Stratum Desc:</b>	Grey-Brown Very Stiff Weathered Crust Silty Clay
<b>Stratum ID:</b>	218592772			<b>Top Depth(m):</b>	3.5
<b>Bottom Depth(m):</b>	13.4			<b>Stratum Desc:</b>	Grey Stiff Silty Clay With: Org M
<b>66</b>	1 of 1	<b>N/229.5</b>	<b>68.8</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	802688			<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>	446641.04			<b>Northing::</b>	5029176.81
<b>Location Accuracy::</b>				<b>Orig. Ground Elev m::</b>	68
<b>Elev. Reliability Note::</b>				<b>DEM Ground Elev m::</b>	67.3
<b>Total Depth m::</b>	4.3			<b>Primary Name::</b>	BH 16
<b>Township::</b>				<b>Concession::</b>	
<b>Lot::</b>				<b>Municipality:</b>	
<b>Completion Date::</b>	10-DEC-1985			<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>				<b>Sec. Water Use::</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	218573143			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Asphalt
<b>Stratum ID:</b>	218573144			<b>Top Depth(m):</b>	0.1

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Bottom Depth(m):	0.2			Stratum Desc:	Dark Grey Crushed Stone
Stratum ID:	218573145			Top Depth(m):	0.2
Bottom Depth(m):	0.3			Stratum Desc:	Dark Brown Silt - Sand
Stratum ID:	218573146			Top Depth(m):	0.3
Bottom Depth(m):	0.5			Stratum Desc:	Grey Crushed Stone With: Cob
Stratum ID:	218573147			Top Depth(m):	0.5
Bottom Depth(m):	2.2			Stratum Desc:	Red-Brown to Brown Loose Silt - Sand
Stratum ID:	218573148			Top Depth(m):	2.2
Bottom Depth(m):	4.3			Stratum Desc:	Grey-Brown Very Stiff Weathered Crust Silty Clay

<a href="#">67</a>	1 of 1	NW/232.1	67.0	ON	BORE
Borehole ID:	613249			Type:	Borehole
Use:				Status::	
Drill Method::				UTM Zone::	18
Easting::	446511			Northing::	5029122
Location Accuracy::				Orig. Ground Elev m::	67.1
Elev. Reliability Note::				DEM Ground Elev m::	63.7
Total Depth m::	-999			Primary Name::	
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	SEP-1933			Static Water Level::	-999.9
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218394332			Top Depth(m):	0.0
Bottom Depth(m):	0.3			Stratum Desc:	FILL.
Stratum ID:	218394333			Top Depth(m):	0.3
Bottom Depth(m):	0.9			Stratum Desc:	CLAY. SOFT.
Stratum ID:	218394334			Top Depth(m):	0.9
Bottom Depth(m):	4.3			Stratum Desc:	CLAY. YELLOW,COMPACT.
Stratum ID:	218394335			Top Depth(m):	4.3
Bottom Depth(m):				Stratum Desc:	CLAY. BLUE,VERY SOFT. FRACTURED. . ED. CLAY. GREY,SOFT TO STIFF,FISSURED. CLAY. GRE

<a href="#">68</a>	1 of 1	NNE/238.5	69.5	ON	BORE
Borehole ID:	613252			Type:	Borehole
Use:				Status::	
Drill Method::				UTM Zone::	18
Easting::	446771			Northing::	5029162
Location Accuracy::				Orig. Ground Elev m::	67.8
Elev. Reliability Note::				DEM Ground Elev m::	68
Total Depth m::	-999			Primary Name::	
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	JAN-1969			Static Water Level::	.6
Primary Water Use::				Sec. Water Use::	
--Details--					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218394347 0.6			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	0.0 TILL.
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218394348 2.0			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	0.6 SAND.
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218394349 9.3			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	2.0 CLAY. GREY,SOFT, WATER STABLE AT 220.4 FEET.
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218394350 14.5			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	9.3 CLAY.
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218394351			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	14.5 CLAY. CLAY. GREY. SILT. DENSE. TILL. VERY DENSE. BEDROCK. 00010 038 00025 022

<b>69</b>	1 of 1	<b>SE/239.3</b>	<b>68.2</b>	<b>THE OTTAWA BOARD OF EDUCATION-PT.LTS.5-8 EVELYN AVE./MAIN ST. OTTAWA CITY ON</b>	<b>CA</b>
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <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>		7-1299-91-91 10/25/1991 Municipal water Approved			

<b>70</b>	1 of 1	<b>NE/240.3</b>	<b>72.3</b>	<b>Ottawa ON</b>	<b>WWIS</b>
<b>Well ID:</b> <b>Construction Date::</b> <b>Primary Water Use::</b> <b>Sec. Water Use::</b> <b>Final Well Status::</b> <b>Specific Capacity::</b> <b>Municipality:</b> <b>County:</b>		7225388 Monitoring and Test Hole Abandoned-Other NEPEAN TOWNSHIP OTTAWA-CARLETON		<b>Lot:</b> <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83::</b> <b>Northing NAD83::</b> <b>Zone::</b> <b>UTM Reliability::</b>	
<b>Bore Hole Information</b> --		--			
<b>Bore Hole ID:</b> <b>DP2BR:</b> <b>Code OB:</b> <b>Code OB Description:</b> <b>Open Hole:</b> <b>Date Completed:</b> <b>Remarks:</b> <b>Zone:</b> <b>East 83:</b> <b>North 83:</b> <b>UTMRC:</b>		1005060588     23-JUN-14  18 446810 5029140 4			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>UTMRC Description:</b>		margin of error : 30 m - 100 m			
<b>Location Method:</b>		wwr			
<b>Org CS:</b>		UTM83			
<b>Elevation:</b>					
<b>Elevrc:</b>					
<b>Elevrc Description:</b>					
<b>Location Source Date:</b>					
<b>Source Revision Comment:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Supplier Comment:</b>					
<b>Spatial Status:</b>					
--	--				
<b>Overburden and Bedrock Materials Interval</b>					
--	--				
<b>Formation ID:</b>		1005271187			
<b>Layer:</b>					
<b>General Color:</b>					
<b>Most Common Material:</b>					
<b>Other Materials:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>					
<b>Formation End Depth:</b>					
<b>Formation End Depth UOM:</b>		m			
--	--				
<b>Annular Space/Abandonment Sealing Record</b>					
--	--				
<b>Plug ID:</b>		1005271195			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		.31			
<b>Plug Depth UOM:</b>		m			
--	--				
<b>Plug ID:</b>		1005271196			
<b>Layer:</b>		2			
<b>Plug From:</b>		.31			
<b>Plug To:</b>		2.44			
<b>Plug Depth UOM:</b>		m			
--	--				
<b>Plug ID:</b>		1005271197			
<b>Layer:</b>		3			
<b>Plug From:</b>		2.44			
<b>Plug To:</b>					
<b>Plug Depth UOM:</b>		m			
--	--				
<b>Method of Construction &amp; Well Use</b>					
--	--				
<b>Method Construction ID:</b>		1005271194			
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b>					
--	--				
<b>Pipe Information</b>					
--	--				
<b>Pipe ID:</b>		1005271186			
<b>Casing Number:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
--	--				
<b>Construction Record - Casing</b>					
--	--				
<b>Casing ID:</b>		1005271190			
<b>Layer:</b>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:					
Casing Diameter:	3.45				
Casing Diameter UOM:	cm				
Casing Depth UOM:	m				
--	--				
--	--				
Construction Record - Screen					
--	--				
Screen ID:	1005271191				
Layer:	1				
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:	5				
Screen Depth UOM:	m				
Screen Diameter UOM:	cm				
Screen Diameter:	4.21				
--	--				
Hole Diameter					
--	--				
Hole ID:	1005271188				
Diameter:	10.92				
Depth From:	0				
Depth To:	1.83				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				
--	--				
--	--				
<hr/>					
<a href="#">71</a>	1 of 1	W/240.6	74.0	ON	BORE
Borehole ID:	847431			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	Decommissioned
Drill Method::	Diamond Drill			UTM Zone::	18
Easting::	446424			Northing::	5028939
Location Accuracy::				Orig. Ground Elev m::	67.8
Elev. Reliability Note::				DEM Ground Elev m::	73.2
Total Depth m::	19.8			Primary Name::	
Township::	NEPEAN			Concession::	BROKEN FRONT C
Lot::	LOT F			Municipality:	
Completion Date::	11-FEB-1961			Static Water Level::	-999.9
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	6557491			Top Depth(m):	0.0
Bottom Depth(m):	3.3			Stratum Desc:	COMPACT BROWN TO GREY SILTY FINE SAND
Stratum ID:	6557492			Top Depth(m):	3.3
Bottom Depth(m):	10.7			Stratum Desc:	STIFF GREY CLAY SOME SILT TRACE FINE SAND
Stratum ID:	6557493			Top Depth(m):	10.7
Bottom Depth(m):	19.8			Stratum Desc:	STIFF GREY SILTY CLAY SOME FINE SAND
<hr/>					
<a href="#">72</a>	1 of 6	NNE/248.6	68.0	Main Street Lofts 29 Main Street Ottawa ON K1S 1B1	CA

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>Certificate #:</b> 5085-4WQPHN <b>Application Year:</b> 01 <b>Issue Date:</b> 5/15/01 <b>Approval Type:</b> Municipal & Private sewage <b>Status:</b> Approved <b>Application Type:</b> Amended CofA <b>Client Name::</b> Charlesfort Developments Limited <b>Client Address::</b> 18 Clemow Ave. <b>Client City::</b> Ottawa <b>Client Postal Code::</b> K1F 2B2 <b>Project Description::</b> Attenuation of stormwater runoff peak flow rate by restriction utilizing an inlet control device at the downstream end of oversized sewer  <b>Contaminants::</b> <b>Emission Control::</b>					
<a href="#"><u>72</u></a>	2 of 6	<b>NNE/248.6</b>	<b>68.0</b>	<b>Main Street Lofts 29 Main Street Ottawa ON K1S 1B1</b>	<b>CA</b>
<b>Certificate #:</b> 1478-4TVK4K <b>Application Year:</b> 01 <b>Issue Date:</b> 5/15/01 <b>Approval Type:</b> Municipal & Private sewage <b>Status:</b> Revoked and/or Replaced <b>Application Type:</b> New Certificate of Approval <b>Client Name::</b> Charlesfort Developments Limited <b>Client Address::</b> 18 Clemow Ave. <b>Client City::</b> Ottawa <b>Client Postal Code::</b> K1F 2B2 <b>Project Description::</b> Attenuation of stormwater runoff peak flow rate by restriction utilizing an inlet control device at the downstream end of oversized sewer.  <b>Contaminants::</b> <b>Emission Control::</b>					
<a href="#"><u>72</u></a>	3 of 6	<b>NNE/248.6</b>	<b>68.0</b>	<b>29 Main St. Ottawa ON K1S 1B1</b>	<b>EHS</b>
<b>Postal Code:</b> <b>City:</b> <b>Address2:</b> <b>Address1:</b> <b>Provstate:</b> <b>Order No.:</b> 20010302001 <b>Addit. Info Ordered::</b> <b>Report Date:</b> 3/12/01 <b>Report Type:</b> Basic Report <b>Search Radius (km):</b> 0.25					
<a href="#"><u>72</u></a>	4 of 6	<b>NNE/248.6</b>	<b>68.0</b>	<b>R M FEDORCHUK LTD 29 MAIN ST OTTAWA ON K1S 1B1</b>	<b>PRT</b>
<b>Location ID:</b> 10993 <b>Type:</b> retail <b>Expiry Date:</b> 1995-07-31 <b>Capacity (L):</b> 90800 <b>Licence #:</b> 0051805001					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">72</a>	5 of 6	NNE/248.6	68.0	29 Main St. Ottawa ON K1S 1B1	RSC
<b>Registration No:</b> <b>RSC Type:</b> <b>Restoration Type:</b> Generic <b>Date Submitted:</b> 03/23/01 <b>Date Acknowledg.:</b> 05/11/01 <b>Certification Date:</b> <b>Date Returned:</b> <b>Soil Type:</b> Coarse <b>Criteria:</b> Res/parkland + Nonpotable <b>Current Property Use:</b> <b>Certificate Prop Use No:</b> <b>Intended Prop Use:</b> <b>Applicable Standards:</b> <b>Stratified (Y/N):</b> N <b>Consultant:</b> AMEC Earth & Environmental Ltd. <b>District Office:</b> Ottawa <b>Property Municipal Address:</b> <b>Legal Description:</b> <b>Prop. Identification No:</b> <b>Entire legal prop. (y/n):</b> <b>UTM Coordinates:</b> <b>Latitude &amp; Longitude:</b> <b>Accuracy Estimate:</b> <b>Measurement Method:</b> <b>CPU Issued Sect 1686:</b>					
<a href="#">72</a>	6 of 6	NNE/248.6	68.0	SHELL CANADA PRODUCTS LTD. 29 MAIN STREET, K1S 1B1 TANK TRUCK (CARGO) OTTAWA CITY ON K1S 1B1	SPL
<b>Ref No:</b> 105744 <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Quantity:</b> <b>Incident Cause:</b> UNDERGROUND TANK LEAK <b>Incident Dt:</b> // <b>Incident Reason:</b> CORROSION <b>Incident Summary:</b> SHELL CANADA-WASTE OIL TOGROUND, PRESSURE TEST IDENTIFIED LEAK <b>MOE Reported Dt:</b> 9/28/1994 <b>Environmental Impact:</b> POSSIBLE <b>Nature of Impact:</b> Soil contamination <b>Receiving Medium:</b> LAND <b>SAC Action Class:</b> <b>Sector Source Type:</b> <b>Receiving Environment:</b> <b>Incident Event:</b> <b>Site Municipality:</b> 20101					
<a href="#">73</a>	1 of 5	WNW/249.4	67.3	LEVINSON-VINER IN TRUST 150 QUEEN ELIZABETH DRIVEWAY OTTAWA ON K2P 1E7	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON2384100 <b>Approval Yrs.:</b> 98,99,00,01 <b>SIC Code:</b> 9999					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
SIC Description:		OTHER SERVICES			
--Details--					
Waste Code:		222			
Waste Description:		HEAVY FUELS			
<a href="#">73</a>	2 of 5	WNW/249.4	67.3	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON8478145			
Approval Yrs.:		2009			
SIC Code:		531310			
SIC Description:		Real Estate Property Managers			
--Details--					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
<a href="#">73</a>	3 of 5	WNW/249.4	67.3	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON8478145			
Approval Yrs.:		2010			
SIC Code:		531310			
SIC Description:		Real Estate Property Managers			
--Details--					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
<a href="#">73</a>	4 of 5	WNW/249.4	67.3	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON8478145			
Approval Yrs.:		2011			
SIC Code:		531310			
SIC Description:		Real Estate Property Managers			
--Details--					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">73</a>	5 of 5	WNW/249.4	67.3	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON8478145 <b>Approval Yrs::</b> 2012 <b>SIC Code:</b> 531310 <b>SIC Description:</b> Real Estate Property Managers					
<b>--Details--</b> <b>Waste Code:</b> 251 <b>Waste Description:</b> OIL SKIMMINGS & SLUDGES					
<a href="#">74</a>	1 of 1	WNW/249.9	66.7	ON	BORE
<b>Borehole ID:</b> 613233 <b>Use:</b> <b>Drill Method::</b> <b>Easting::</b> 446421 <b>Location Accuracy::</b> <b>Elev. Reliability Note::</b> <b>Total Depth m::</b> -999 <b>Township::</b> <b>Lot::</b> <b>Completion Date::</b> SEP-1933 <b>Primary Water Use::</b>					
<b>Type:</b> Borehole <b>Status::</b> <b>UTM Zone::</b> 18 <b>Northing::</b> 5029002 <b>Orig. Ground Elev m::</b> 70.7 <b>DEM Ground Elev m::</b> 66.2 <b>Primary Name::</b> <b>Concession::</b> <b>Municipality:</b> <b>Static Water Level::</b> -999.9 <b>Sec. Water Use::</b>					
<b>--Details--</b> <b>Stratum ID:</b> 218394252 <b>Bottom Depth(m):</b> 0.3 <b>Stratum ID:</b> 218394253 <b>Bottom Depth(m):</b> 1.8 <b>Stratum ID:</b> 218394254 <b>Bottom Depth(m):</b> 5.5 <b>Stratum ID:</b> 218394255 <b>Bottom Depth(m):</b> 13.4 <b>Stratum ID:</b> 218394256 <b>Bottom Depth(m):</b>					
<b>Top Depth(m):</b> 0.0 <b>Stratum Desc:</b> SAND. LOOSE. <b>Top Depth(m):</b> 0.3 <b>Stratum Desc:</b> CLAY. COMPACT. <b>Top Depth(m):</b> 1.8 <b>Stratum Desc:</b> CLAY. GREY,FIRM. <b>Top Depth(m):</b> 5.5 <b>Stratum Desc:</b> CLAY. BLUE,FIRM. <b>Top Depth(m):</b> 13.4 <b>Stratum Desc:</b> SAND,SILT. LOOSE. D. LOOSE. STIFF. SILT. GREY,COMPACT. 0000001700060013001500030049000					
<a href="#">75</a>	1 of 1	NW/249.9	67.9	OTTAWA HYDRO QUEEN ELISABETH & CARTIER. TRANSFORMER OTTAWA CITY ON	SPL
<b>Ref No:</b> 104570 <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Quantity:</b> <b>Incident Cause:</b> COOLING SYSTEM LEAK <b>Incident Dt:</b> 8/28/1994 <b>Incident Reason:</b> STORM/FLOOD/WIND					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Incident Summary:</b> <b>MOE Reported Dt:</b> <b>Environmental Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>SAC Action Class:</b> <b>Sector Source Type:</b> <b>Receiving Environment:</b> <b>Incident Event:</b> <b>Site Municipality:</b>		OTTAWA HYDRO.: 45 L NON-PCB OIL TO PAVEMENT, CONTAINED & CLEANED UP. 8/28/1994 NOT ANTICIPATED LAND 20101			
<a href="#">76</a>	1 of 1	WNW/250.4	69.1	<b>Paramount Property Management</b> <b>150 Queen Elizabeth Dr.</b> <b>Ottawa ON K1B 5M1</b>	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> <b>Approval Yrs::</b> <b>SIC Code:</b> <b>SIC Description:</b>		Registered Canada ON8478145 As of Sep 2016   			
<b>--Details--</b> <b>Waste Code:</b> <b>Waste Description:</b>		251 L Waste oils/sludges (petroleum based)			
<a href="#">77</a>	1 of 1	WSW/251.2	67.3	<b>DRAIN-ALL LTD.</b> <b>INTERSECTION OF ISABELLA AND ELGIN TANK</b> <b>TRUCK (CARGO)</b> <b>GLOUCESTER CITY ON</b>	SPL
<b>Ref No:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Quantity:</b> <b>Incident Cause:</b> <b>Incident Dt:</b> <b>Incident Reason:</b> <b>Incident Summary:</b> <b>MOE Reported Dt:</b> <b>Environmental Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>SAC Action Class:</b> <b>Sector Source Type:</b> <b>Receiving Environment:</b> <b>Incident Event:</b> <b>Site Municipality:</b>		156676  OTHER CAUSE (N.O.S.) 6/10/1998 EQUIPMENT FAILURE DRAIN-ALL: 8L WATER- BASED PAINT SPILLED TO ROAD. 6/10/1998 NOT ANTICIPATED LAND 20105			
<a href="#">78</a>	1 of 1	ESE/251.4	66.3	<b>MICHAEL G. GALLAZKA</b> <b>123 MAIN STREET (SWM)</b> <b>OTTAWA ON K1S 1B9</b>	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b>		3-0129-98- 98 3/10/1998 Municipal sewage Approved 			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<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>					
<a href="#">79</a>	1 of 13	NNE/252.2	68.7	R M FEDORCHUK LTD 29 MAIN ST OTTAWA ON	EXP
<b>Instance No:</b> <b>Instance ID:</b> <b>Instance Type:</b> <b>Description:</b> <b>Status:</b> <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b>		9722519 389662 FS Facility FS Gasoline Station - Full Serve EXPIRED        			
<a href="#">79</a>	2 of 13	NNE/252.2	68.7	R M FEDORCHUK LTD 29 MAIN ST OTTAWA ON K1S 1B1	EXP
<b>Instance No:</b> <b>Instance ID:</b> <b>Instance Type:</b> <b>Description:</b> <b>Status:</b> <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b>		10904319  FS Liquid Fuel Tank  EXPIRED     10/3/1989			
<a href="#">79</a>	3 of 13	NNE/252.2	68.7	R M FEDORCHUK LTD 29 MAIN ST OTTAWA ON K1S 1B1	EXP
<b>Instance No:</b> <b>Instance ID:</b> <b>Instance Type:</b> <b>Description:</b> <b>Status:</b> <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b>		10904304  FS Liquid Fuel Tank  EXPIRED    10/3/1989			
<a href="#">79</a>	4 of 13	NNE/252.2	68.7	R M FEDORCHUK LTD 29 MAIN ST OTTAWA ON K1S 1B1	EXP
<b>Instance No:</b> <b>Instance ID:</b> <b>Instance Type:</b> <b>Description:</b> <b>Status:</b>		10904341  FS Liquid Fuel Tank  EXPIRED			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b>					
		10/3/1989			
<a href="#">79</a>	5 of 13	<b>NNE/252.2</b>	<b>68.7</b>	<b>R M FEDORCHUK LTD 29 MAIN ST OTTAWA ON K1S 1B1</b>	<b>EXP</b>
<b>Instance No:</b> 10904289 <b>Instance ID:</b> <b>Instance Type:</b> FS Liquid Fuel Tank <b>Description:</b> <b>Status:</b> EXPIRED <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b> 10/3/1989					
<a href="#">79</a>	6 of 13	<b>NNE/252.2</b>	<b>68.7</b>	<b>R M FEDORCHUK LTD 29 MAIN ST OTTAWA ON</b>	<b>EXP</b>
<b>Instance No:</b> 10904328 <b>Instance ID:</b> 50551 <b>Instance Type:</b> FS Piping <b>Description:</b> FS Piping <b>Status:</b> EXPIRED <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b>					
<a href="#">79</a>	7 of 13	<b>NNE/252.2</b>	<b>68.7</b>	<b>R M FEDORCHUK LTD 29 MAIN ST OTTAWA ON</b>	<b>EXP</b>
<b>Instance No:</b> 10904347 <b>Instance ID:</b> 51240 <b>Instance Type:</b> FS Piping <b>Description:</b> FS Piping <b>Status:</b> EXPIRED <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b>					
<a href="#">79</a>	8 of 13	<b>NNE/252.2</b>	<b>68.7</b>	<b>R M FEDORCHUK LTD 29 MAIN ST OTTAWA ON</b>	<b>EXP</b>
<b>Instance No:</b> 10904295 <b>Instance ID:</b> 51297 <b>Instance Type:</b> FS Piping <b>Description:</b> FS Piping <b>Status:</b> EXPIRED <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<i>Expired Date:</i>					
<a href="#">79</a>	9 of 13	<b>NNE/252.2</b>	<b>68.7</b>	<b>R M FEDORCHUK LTD 29 MAIN ST OTTAWA ON</b>	<b>EXP</b>
<b>Instance No:</b> <b>Instance ID:</b> <b>Instance Type:</b> <b>Description:</b> <b>Status:</b> <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b>		10904310 52455 FS Piping FS Piping EXPIRED        			
<a href="#">79</a>	10 of 13	<b>NNE/252.2</b>	<b>68.7</b>	<b>R M FEDORCHUK LTD 29 MAIN ST OTTAWA ON K1S 1B1</b>	<b>EXP</b>
<b>Instance No:</b> <b>Instance ID:</b> <b>Instance Type:</b> <b>Description:</b> <b>Status:</b> <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b>		10904319  FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED   FS Liquid Fuel Tank 10/3/1989			
<a href="#">79</a>	11 of 13	<b>NNE/252.2</b>	<b>68.7</b>	<b>R M FEDORCHUK LTD 29 MAIN ST OTTAWA ON K1S 1B1</b>	<b>EXP</b>
<b>Instance No:</b> <b>Instance ID:</b> <b>Instance Type:</b> <b>Description:</b> <b>Status:</b> <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b>		10904304  FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED   FS Liquid Fuel Tank 10/3/1989			
<a href="#">79</a>	12 of 13	<b>NNE/252.2</b>	<b>68.7</b>	<b>R M FEDORCHUK LTD 29 MAIN ST OTTAWA ON K1S 1B1</b>	<b>EXP</b>
<b>Instance No:</b> <b>Instance ID:</b> <b>Instance Type:</b> <b>Description:</b> <b>Status:</b> <b>TSSA Program Area:</b> <b>Maximum Hazard Rank:</b> <b>Facility Type:</b> <b>Expired Date:</b>		10904341  FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED   FS Liquid Fuel Tank 10/3/1989			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">79</a>	13 of 13	NNE/252.2	68.7	R M FEDORCHUK LTD 29 MAIN ST OTTAWA ON K1S 1B1	EXP
Instance No:		10904289			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:		FS Gasoline Station - Full Serve			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:		FS Liquid Fuel Tank			
Expired Date:		10/3/1989			
<a href="#">80</a>	1 of 1	SSE/253.3	66.4	ON	BORE
Borehole ID:		802681		Type:	Borehole
Use:		Geotechnical/Geological Investigation		Status::	
Drill Method::		Hollow stem auger		UTM Zone::	18
Easting::		446715.49		Northing::	5028700.49
Location Accuracy::				Orig. Ground Elev m::	65.1
Elev. Reliability Note::				DEM Ground Elev m::	65.7
Total Depth m::		4.3		Primary Name::	BH 12
Township::				Concession::	
Lot::				Municipality:	
Completion Date::		09-DEC-1985		Static Water Level::	-999.9
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:		218573107		Top Depth(m):	0.0
Bottom Depth(m):		0.1		Stratum Desc:	Asphalt
Stratum ID:		218573108		Top Depth(m):	0.1
Bottom Depth(m):		0.2		Stratum Desc:	Sand - Gravel treated
Stratum ID:		218573109		Top Depth(m):	0.2
Bottom Depth(m):		0.4		Stratum Desc:	Grey Crushed Stone
Stratum ID:		218573110		Top Depth(m):	0.4
Bottom Depth(m):		0.9		Stratum Desc:	Brown Fill-Misc Silt - Sand Trace: Org M
Stratum ID:		218573111		Top Depth(m):	0.9
Bottom Depth(m):		2.6		Stratum Desc:	Brown Loose to Very Loose sand silt With: Org M
Stratum ID:		218573112		Top Depth(m):	2.6
Bottom Depth(m):		4.3		Stratum Desc:	Grey-Brown Very Stiff Weathered Crust Silty Clay Occasional: Sa
<a href="#">81</a>	1 of 2	SSE/253.9	66.4	Ottawa Catholic District School Board Immaculata High School 140 Main Street Ottawa ON	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON4267063			
Approval Yrs::		2013			
SIC Code:		611690			
SIC Description:		ALL OTHER SCHOOLS AND INSTRUCTION			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>--Details--</b>					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		243			
Waste Description:		PCBS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
<a href="#">81</a>	2 of 2	SSE/253.9	66.4	Ottawa Catholic District School Board Immaculata High School 140 Main Street Ottawa ON K1S 5P4	GEN
PO Box Num:					
Status:		Registered			
Country:		Canada			
Generator #:		ON4267063			
Approval Yrs.:		As of Sep 2016			
SIC Code:					
SIC Description:					
<b>--Details--</b>					
Waste Code:		145 L			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		145 I			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		145 H			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		148 L			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		148 I			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		148 C			
Waste Description:		Misc. wastes and inorganic chemicals			



<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>	<i>DB</i>
<b>Waste Code:</b>		148 A			
<b>Waste Description:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Code:</b>		213 I			
<b>Waste Description:</b>		Petroleum distillates			
<b>Waste Code:</b>		264 L			
<b>Waste Description:</b>		Photoprocessing wastes			
<b>Waste Code:</b>		221 I			
<b>Waste Description:</b>		Light fuels			
<b>Waste Code:</b>		252 T			
<b>Waste Description:</b>		Waste crankcase oils and lubricants			
<b>Waste Code:</b>		252 L			
<b>Waste Description:</b>		Waste crankcase oils and lubricants			
<b>Waste Code:</b>		243 D			
<b>Waste Description:</b>		PCB			
<b>Waste Code:</b>		251 T			
<b>Waste Description:</b>		Waste oils/sludges (petroleum based)			
<b>Waste Code:</b>		251 L			
<b>Waste Description:</b>		Waste oils/sludges (petroleum based)			
<b>Waste Code:</b>		331 L			
<b>Waste Description:</b>		Waste compressed gases including cylinders			
<b>Waste Code:</b>		331 I			
<b>Waste Description:</b>		Waste compressed gases including cylinders			
<b>Waste Code:</b>		331 H			
<b>Waste Description:</b>		Waste compressed gases including cylinders			
<b>Waste Code:</b>		263 L			
<b>Waste Description:</b>		Misc. waste organic chemicals			
<b>Waste Code:</b>		263 I			
<b>Waste Description:</b>		Misc. waste organic chemicals			
<b>Waste Code:</b>		263 A			
<b>Waste Description:</b>		Misc. waste organic chemicals			
<b>82</b>	<b>1 of 5</b>	<b>WNW/254.1</b>	<b>68.1</b>	<b>CLV Group 150 Queen Elizabeth Driveway Ottawa ON K2P 1E7</b>	<b>GEN</b>
<b>PO Box Num:</b>					
<b>Status:</b>					
<b>Country:</b>					
<b>Generator #:</b>		ON4888743			
<b>Approval Yrs.:</b>		07,08			
<b>SIC Code:</b>		531111			
<b>SIC Description:</b>		Lessors of Residential Buildings and Dwellings (except Social Housing Projects)			
<b>--Details--</b>					
<b>Waste Code:</b>		251			
<b>Waste Description:</b>		OIL SKIMMINGS & SLUDGES			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">82</a>	2 of 5	WNW/254.1	68.1	Paramount Properties 150 Queen Elizabeth Drive Ottawa ON	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON8754232 <b>Approval Yrs::</b> As of April 2014 <b>SIC Code:</b> <b>SIC Description:</b>					
<b>--Details--</b> <b>Waste Code:</b> 251 <b>Waste Description:</b> Waste oils/sludges (petroleum based)					
<a href="#">82</a>	3 of 5	WNW/254.1	68.1	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON8478145 <b>Approval Yrs::</b> As of May 2015 <b>SIC Code:</b> <b>SIC Description:</b>					
<b>--Details--</b> <b>Waste Code:</b> 251 <b>Waste Description:</b> Waste oils/sludges (petroleum based)					
<a href="#">82</a>	4 of 5	WNW/254.1	68.1	Paramount Properties 150 Queen Elizabeth Drive Ottawa ON	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON8754232 <b>Approval Yrs::</b> 2013 <b>SIC Code:</b> 531111 <b>SIC Description:</b> LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS (EXCEPT SOCIAL HOUSING PROJECTS)					
<b>--Details--</b> <b>Waste Code:</b> 251 <b>Waste Description:</b> OIL SKIMMINGS & SLUDGES					
<a href="#">82</a>	5 of 5	WNW/254.1	68.1	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON8478145 <b>Approval Yrs::</b> 2013					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
SIC Code:		531310			
SIC Description:		REAL ESTATE PROPERTY MANAGERS			
<u>--Details--</u>					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
<a href="#">83</a>	1 of 1	WSW/255.5	67.6	City of Ottawa Elgin Street Elgin St Isabella Street Ottawa ON	ECA
Approval No:		6595-99MKMF			
Project Type:		Municipal and Private Sewage			
Date:		29-AUG-13			
Status:		Approved			
Longitude:					
Latitude:					
Record Type:					
PDF URL:					
Full Address:		Elgin Street Elgin St Isabella Street			
<a href="#">84</a>	1 of 1	WSW/257.0	67.7	City Of Ottawa Public Works Hawthron & Elgin City of Ottawa ON	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON7219892			
Approval Yrs::		As of May 2015			
SIC Code:					
SIC Description:					
<u>--Details--</u>					
Waste Code:		251			
Waste Description:		Waste oils/sludges (petroleum based)			
<a href="#">85</a>	1 of 9	SSE/257.3	65.7	OTTAWA R.C. SEPARATE SCHOOL BOARD IMMACULATA HIGH SCHOOL 140 MAIN STREET OTTAWA ON K1S 5P4	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON0426414			
Approval Yrs::		93,94,95,96			
SIC Code:		8511			
SIC Description:		ELEM./SECON. EDUC.			
<u>--Details--</u>					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">85</a>	2 of 9	SSE/257.3	65.7	OTTAWA-CARLETON CATHOLIC SCHOOL BOARD IMMACULATA HIGH SCHOOL 140 MAIN STREET OTTAWA ON K1S 5P4	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON0426414 <b>Approval Yrs::</b> 97,98,99,00,01 <b>SIC Code:</b> 8511 <b>SIC Description:</b> ELEMNT./SECON. EDUC.					
<b>--Details--</b>					
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
<a href="#">85</a>	3 of 9	SSE/257.3	65.7	Ottawa-Carleton Catholic School Board Immaculata High School 140 Main Street Ottawa ON K1S 5P4	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON4267063 <b>Approval Yrs::</b> 02,03,04,05,06 <b>SIC Code:</b> <b>SIC Description:</b>					
<b>--Details--</b>					
<b>Waste Code:</b>		145			
<b>Waste Description:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Code:</b>		213			
<b>Waste Description:</b>		PETROLEUM DISTILLATES			
<b>Waste Code:</b>		243			
<b>Waste Description:</b>		PCB'S			
<b>Waste Code:</b>		252			
<b>Waste Description:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Code:</b>		331			
<b>Waste Description:</b>		WASTE COMPRESSED GASES			
<b>Waste Code:</b>		251			
<b>Waste Description:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Code:</b>		264			
<b>Waste Description:</b>		PHOTOPROCESSING WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">85</a>	4 of 9	SSE/257.3	65.7	Ottawa Catholic District School Board Immaculata High School 140 Main Street Ottawa ON K1S 5P4	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON4267063 <b>Approval Yrs::</b> As of May 2015 <b>SIC Code:</b> <b>SIC Description:</b>					
<b>--Details--</b>					
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		Misc. waste organic chemicals			
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Code:</b>		221			
<b>Waste Description:</b>		Light fuels			
<b>Waste Code:</b>		243			
<b>Waste Description:</b>		PCB			
<b>Waste Code:</b>		331			
<b>Waste Description:</b>		Waste compressed gases including cylinders			
<b>Waste Code:</b>		264			
<b>Waste Description:</b>		Photoprocessing wastes			
<b>Waste Code:</b>		213			
<b>Waste Description:</b>		Petroleum distillates			
<b>Waste Code:</b>		252			
<b>Waste Description:</b>		Waste crankcase oils and lubricants			
<b>Waste Code:</b>		145			
<b>Waste Description:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Code:</b>		251			
<b>Waste Description:</b>		Waste oils/sludges (petroleum based)			
<a href="#">85</a>	5 of 9	SSE/257.3	65.7	Ottawa Catholic District School Board Immaculata High School 140 Main Street Ottawa ON K1S 5P4	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON4267063 <b>Approval Yrs::</b> 07,08 <b>SIC Code:</b> 611690 <b>SIC Description:</b> All Other Schools and Instruction					
<b>--Details--</b>					
<b>Waste Code:</b>		145			
<b>Waste Description:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Code:</b>		213			
<b>Waste Description:</b>		PETROLEUM DISTILLATES			
<b>Waste Code:</b>		221			
<b>Waste Description:</b>		LIGHT FUELS			
<b>Waste Code:</b>		243			
<b>Waste Description:</b>		PCB'S			
<b>Waste Code:</b>		251			
<b>Waste Description:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Code:</b>		252			
<b>Waste Description:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Code:</b>		264			
<b>Waste Description:</b>		PHOTOPROCESSING WASTES			
<b>Waste Code:</b>		331			
<b>Waste Description:</b>		WASTE COMPRESSED GASES			

<a href="#">85</a>	6 of 9	SSE/257.3	65.7	Ottawa Catholic District School Board Immaculata High School 140 Main Street Ottawa ON K1S 5P4	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON4267063			
Approval Yrs.:		2009			
SIC Code:		611690			
SIC Description:		All Other Schools and Instruction			
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		243			
Waste Description:		PCBS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Waste Code:</b> 331 <b>Waste Description:</b> WASTE COMPRESSED GASES					
<a href="#">85</a>	7 of 9	SSE/257.3	65.7	Ottawa Catholic District School Board Immaculata High School 140 Main Street Ottawa ON K1S 5P4	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON4267063 <b>Approval Yrs::</b> 2010 <b>SIC Code:</b> 611690 <b>SIC Description:</b> All Other Schools and Instruction					
<b>--Details--</b>					
<b>Waste Code:</b> 148 <b>Waste Description:</b> INORGANIC LABORATORY CHEMICALS					
<b>Waste Code:</b> 251 <b>Waste Description:</b> OIL SKIMMINGS & SLUDGES					
<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> 331 <b>Waste Description:</b> WASTE COMPRESSED GASES					
<b>Waste Code:</b> 252 <b>Waste Description:</b> WASTE OILS & LUBRICANTS					
<b>Waste Code:</b> 243 <b>Waste Description:</b> PCBS					
<b>Waste Code:</b> 264 <b>Waste Description:</b> PHOTOPROCESSING WASTES					
<b>Waste Code:</b> 145 <b>Waste Description:</b> PAINT/PIGMENT/COATING RESIDUES					
<b>Waste Code:</b> 263 <b>Waste Description:</b> ORGANIC LABORATORY CHEMICALS					
<a href="#">85</a>	8 of 9	SSE/257.3	65.7	Ottawa Catholic District School Board Immaculata High School 140 Main Street Ottawa ON K1S 5P4	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON4267063 <b>Approval Yrs::</b> 2011 <b>SIC Code:</b> 611690 <b>SIC Description:</b> All Other Schools and Instruction					
<b>--Details--</b>					
<b>Waste Code:</b> 251					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Description:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Code:</b>		243			
<b>Waste Description:</b>		PCBS			
<b>Waste Code:</b>		145			
<b>Waste Description:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Code:</b>		221			
<b>Waste Description:</b>		LIGHT FUELS			
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Code:</b>		331			
<b>Waste Description:</b>		WASTE COMPRESSED GASES			
<b>Waste Code:</b>		264			
<b>Waste Description:</b>		PHOTOPROCESSING WASTES			
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Code:</b>		213			
<b>Waste Description:</b>		PETROLEUM DISTILLATES			
<b>Waste Code:</b>		252			
<b>Waste Description:</b>		WASTE OILS & LUBRICANTS			

<a href="#">85</a>	9 of 9	SSE/257.3	65.7	Ottawa Catholic District School Board Immaculata High School 140 Main Street Ottawa ON K1S 5P4	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON4267063			
Approval Yrs.:		2012			
SIC Code:		611690			
SIC Description:		All Other Schools and Instruction			
--Details--					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		243			
Waste Description:		PCBS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
<hr/>					
<a href="#">86</a>	1 of 1	N/258.3	69.1	135 Echo Drive Ottawa ON K1S 1M9	EHS
<hr/>					
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20081216022			
Addit. Info Ordered::		Fire Insur. Maps and/or Site Plans			
Report Date:		12/29/2008			
Report Type:		Custom Report			
Search Radius (km):		0.25			
<hr/>					
<a href="#">87</a>	1 of 1	NW/258.4	68.2	ON	BORE
<hr/>					
Borehole ID:	808715			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	
Drill Method::	Power auger			UTM Zone::	18
Easting::	446480.47			Northing::	5029129.81
Location Accuracy::				Orig. Ground Elev m::	67.7
Elev. Reliability Note::				DEM Ground Elev m::	66.4
Total Depth m::	8.5			Primary Name::	BH 14
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	12-JAN-1965			Static Water Level::	1.7
Primary Water Use::				Sec. Water Use::	
<hr/>					
--Details--					
Stratum ID:	218597448			Top Depth(m):	0.0
Bottom Depth(m):	0.8			Stratum Desc:	Topsoil With: Cl W Si 6 IN Tps then grey silty clay
Stratum ID:	218597449			Top Depth(m):	0.8
Bottom Depth(m):	8.5			Stratum Desc:	Grey Very Stiff to Stiff Silty Clay
<hr/>					
<a href="#">88</a>	1 of 9	E/260.7	66.8	Ottawa-Carleton District School Board Health & Safety 63 Evelyn Avenue Ottawa ON K1S 0C6	GEN
<hr/>					
PO Box Num:					
Status:					
Country:					
Generator #:	ON4327248				
Approval Yrs::	As of May 2015				
SIC Code:					
SIC Description:					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>--Details--</b>					
<b>Waste Code:</b>		221			
<b>Waste Description:</b>		Light fuels			
<b>Waste Code:</b>		145			
<b>Waste Description:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Code:</b>		212			
<b>Waste Description:</b>		Aliphatic solvents and residues			
<b>Waste Code:</b>		121			
<b>Waste Description:</b>		Alkaline slutions - containing heavy metals			
<b>Waste Code:</b>		112			
<b>Waste Description:</b>		Acid solutions - containing heavy metals			
<b>Waste Code:</b>		146			
<b>Waste Description:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Code:</b>		211			
<b>Waste Description:</b>		Aromatic solvents and residues			

<a href="#"><u>88</u></a>	2 of 9	E/260.7	66.8	Ottawa-Carleton District School Board 63 Evelyn Avenue Ottawa ON K1S 0C6	GEN
<b>PO Box Num:</b>					
<b>Status:</b>					
<b>Country:</b>					
<b>Generator #:</b>		ON4327248			
<b>Approval Yrs::</b>		2009			
<b>SIC Code:</b>		611110			
<b>SIC Description:</b>		Elementary and Secondary Schools			
<b>--Details--</b>					
<b>Waste Code:</b>		112			
<b>Waste Description:</b>		ACID WASTE - HEAVY METALS			
<b>Waste Code:</b>		121			
<b>Waste Description:</b>		ALKALINE WASTES - HEAVY METALS			
<b>Waste Code:</b>		146			
<b>Waste Description:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Code:</b>		212			
<b>Waste Description:</b>		ALIPHATIC SOLVENTS			
<b>Waste Code:</b>		221			
<b>Waste Description:</b>		LIGHT FUELS			

<a href="#"><u>88</u></a>	3 of 9	E/260.7	66.8	Ottawa-Carleton District School Board 63 Evelyn Avenue Ottawa ON K1S 0C6	GEN
<b>PO Box Num:</b>					
<b>Status:</b>					
<b>Country:</b>					
<b>Generator #:</b>		ON4327248			
<b>Approval Yrs::</b>		2010			
<b>SIC Code:</b>		611110			
<b>SIC Description:</b>		Elementary and Secondary Schools			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>--Details--</b>					
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
<b>88</b>	4 of 9	<b>E/260.7</b>	<b>66.8</b>	<b>Ottawa-Carleton District School Board 63 Evelyn Avenue Ottawa ON K1S 0C6</b>	<b>GEN</b>
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON4327248 <b>Approval Yrs::</b> 2011 <b>SIC Code:</b> 611110 <b>SIC Description:</b> Elementary and Secondary Schools					
<b>--Details--</b>					
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
<b>88</b>	5 of 9	<b>E/260.7</b>	<b>66.8</b>	<b>Ottawa-Carleton District School Board 63 Evelyn Avenue Ottawa ON K1S 0C6</b>	<b>GEN</b>
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON4327248 <b>Approval Yrs::</b> 2012 <b>SIC Code:</b> 611110 <b>SIC Description:</b> Elementary and Secondary Schools					
<b>--Details--</b>					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
<hr/>					
<a href="#">88</a>	6 of 9	E/260.7	66.8	Ottawa-Carleton District School Board 63 Evelyn Avenue Ottawa ON	GEN
<hr/>					
PO Box Num:					
Status:					
Country:					
Generator #:		ON4327248			
Approval Yrs::		2013			
SIC Code:		611110			
SIC Description:		ELEMENTARY AND SECONDARY SCHOOLS			
<hr/>					
--Details--					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
<hr/>					
<a href="#">88</a>	7 of 9	E/260.7	66.8	Ottawa-Carleton District School Board Health & Safety 63 Evelyn Avenue Ottawa ON K1S 0C6	GEN
<hr/>					
PO Box Num:					
Status:		Registered			
Country:		Canada			
Generator #:		ON4327248			
Approval Yrs::		As of Sep 2016			
SIC Code:					
SIC Description:					
<hr/>					
--Details--					
Waste Code:		112 C			
Waste Description:		Acid solutions - containing heavy metals			
Waste Code:		121 C			
Waste Description:		Alkaline slutions - containing heavy metals			



118 [erisinfo.com](http://erisinfo.com) | Environmental Risk Information Services Order No: 20170410149

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Occur Insp Start Date:</b> 2016/09/20 00:00:00 <b>Any Health Impact:</b> No <b>Any Environmental Impact:</b> No <b>Was Service Interrupted:</b> Yes <b>Was Property Damaged:</b> Yes <b>Operation Type Involved:</b> Institution (incl.hospital,school,government etc.) <b>Enforcement Policy:</b> NULL <b>Prc Escalation Required:</b> NULL <b>Task No:</b> 6352482 <b>Notes:</b> <b>Occurence Narrative:</b> Fire at Viessman Boiler due to component failure. See attached incident report. <b>Tank Material Type:</b> <b>Tank Storage Type:</b> <b>Tank Location Type:</b> <b>Pump Flow Rate Capac:</b> <b>Liquid Prop Notes:</b>					
<a href="#">88</a>	9 of 9	E/260.7	66.8	PRIVATE OWNER 63 EVELYN MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1S 0C6	SPL
<b>Ref No:</b> 98893 <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Quantity:</b> <b>Incident Cause:</b> OTHER CONTAINER LEAK <b>Incident Dt:</b> 4/19/1994 <b>Incident Reason:</b> CORROSION <b>Incident Summary:</b> PRIVATE OWNER:UNKNOWN AMTOF GASOLINE TO GROUND ANDSEWER-CORRODED VEH. TANK <b>MOE Reported Dt:</b> 4/20/1994 <b>Environmental Impact:</b> POSSIBLE <b>Nature of Impact:</b> Water course or lake <b>Receiving Medium:</b> LAND / WATER <b>SAC Action Class:</b> <b>Sector Source Type:</b> <b>Receiving Environment:</b> <b>Incident Event:</b> <b>Site Municipality:</b> 20101					
<a href="#">89</a>	1 of 1	NE/263.3	69.3	Ottawa ON	WWIS
<b>Well ID:</b> 7225389 <b>Construction Date::</b> <b>Primary Water Use::</b> <b>Sec. Water Use::</b> <b>Final Well Status::</b> Abandoned-Other <b>Specific Capacity::</b> <b>Municipality:</b> NEPEAN TOWNSHIP <b>County:</b> OTTAWA-CARLETON <b>Lot:</b> <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83::</b> <b>Northing NAD83::</b> <b>Zone::</b> <b>UTM Reliability::</b>					
<b>Bore Hole Information</b> <b>--</b> <b>Bore Hole ID:</b> 1005060591 <b>DP2BR:</b> <b>Code OB:</b> <b>Code OB Description:</b> <b>Open Hole:</b> <b>Date Completed:</b> 23-JUN-14 <b>Remarks:</b> <b>Zone:</b> 18					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>East 83:</b>		446861			
<b>North 83:</b>		5029124			
<b>UTMRC:</b>		4			
<b>UTMRC Description:</b>		margin of error : 30 m - 100 m			
<b>Location Method:</b>		wwr			
<b>Org CS:</b>		UTM83			
<b>Elevation:</b>					
<b>Elevrc:</b>					
<b>Elevrc Description:</b>					
<b>Location Source Date:</b>					
<b>Source Revision Comment:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Supplier Comment:</b>					
<b>Spatial Status:</b>					
--	--				
<b>Overburden and Bedrock Materials Interval</b>					
--	--				
<b>Formation ID:</b>		1005271199			
<b>Layer:</b>					
<b>General Color:</b>					
<b>Most Common Material:</b>					
<b>Other Materials:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>					
<b>Formation End Depth:</b>					
<b>Formation End Depth UOM:</b>		m			
--	--				
<b>Annular Space/Abandonment Sealing Record</b>					
--	--				
<b>Plug ID:</b>		1005271205			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		.31			
<b>Plug Depth UOM:</b>		m			
--	--				
<b>Plug ID:</b>		1005271206			
<b>Layer:</b>		2			
<b>Plug From:</b>		.31			
<b>Plug To:</b>		2.44			
<b>Plug Depth UOM:</b>		m			
--	--				
<b>Plug ID:</b>		1005271207			
<b>Layer:</b>		3			
<b>Plug From:</b>		2.44			
<b>Plug To:</b>		5.79			
<b>Plug Depth UOM:</b>		m			
--	--				
<b>Method of Construction &amp; Well Use</b>					
--	--				
<b>Method Construction ID:</b>		1005271204			
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b>					
--	--				
<b>Pipe Information</b>					
--	--				
<b>Pipe ID:</b>		1005271198			
<b>Casing Number:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
--	--				
<b>Construction Record - Casing</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--		--			
Casing ID:		1005271202			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:					
Casing Diameter:		3.45			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1005271203			
Layer:		1			
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.21			
--		--			
Hole Diameter					
--		--			
Hole ID:		1005271200			
Diameter:		10.92			
Depth From:		0			
Depth To:		1.83			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
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<a href="#">90</a>	1 of 1	WSW/267.9	66.9	ON	BORE
Borehole ID:	805667			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	
Drill Method::	Hollow stem auger			UTM Zone::	18
Easting::	446436.51			Northing::	5028808.18
Location Accuracy::				Orig. Ground Elev m::	-999.9
Elev. Reliability Note::				DEM Ground Elev m::	65.9
Total Depth m::	4.3			Primary Name::	BH.1
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	11-JAN-1988			Static Water Level::	-999.9
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218585688			Top Depth(m):	0.0
Bottom Depth(m):	0.2			Stratum Desc:	Asphalt
Stratum ID:	218585689			Top Depth(m):	0.2
Bottom Depth(m):	0.2			Stratum Desc:	Grey Fill-Misc Sand - Gravel
Stratum ID:	218585690			Top Depth(m):	0.2
Bottom Depth(m):	0.4			Stratum Desc:	Concrete
Stratum ID:	218585691			Top Depth(m):	0.4
Bottom Depth(m):	2.9			Stratum Desc:	Grey-Brown Compact to Very Loose Fill-Misc Silt - Sand With: Gr W Brk Frag W Constr Debris

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218585692 3.0			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	2.9 Brown Very Loose Alluvium sand silt With: Constr Debris
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218585693 4.3			<b>Top Depth(m):</b> <b>Stratum Desc:</b>	3.0 Grey Firm to Stiff Silty Clay

<a href="#">91</a>	1 of 1	NE/271.4	71.4	Ottawa ON	WWIS
<b>Well ID:</b> <b>Construction Date::</b> <b>Primary Water Use::</b> <b>Sec. Water Use::</b> <b>Final Well Status::</b> <b>Specific Capacity::</b> <b>Municipality:</b> <b>County:</b>	7225390  Monitoring and Test Hole  Abandoned-Other  NEPEAN TOWNSHIP OTTAWA-CARLETON			<b>Lot:</b> <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83::</b> <b>Northing NAD83::</b> <b>Zone::</b> <b>UTM Reliability::</b>	
<b>Bore Hole Information</b>	--				
<b>Bore Hole ID:</b>	1005060610				
<b>DP2BR:</b>					
<b>Code OB:</b>					
<b>Code OB Description:</b>					
<b>Open Hole:</b>					
<b>Date Completed:</b>	23-JUN-14				
<b>Remarks:</b>					
<b>Zone:</b>	18				
<b>East 83:</b>	446862				
<b>North 83:</b>	5029135				
<b>UTMRC:</b>	4				
<b>UTMRC Description:</b>	margin of error : 30 m - 100 m				
<b>Location Method:</b>	wwr				
<b>Org CS:</b>	UTM83				
<b>Elevation:</b>					
<b>Elevrc:</b>					
<b>Elevrc Description:</b>					
<b>Location Source Date:</b>					
<b>Source Revision Comment:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Supplier Comment:</b>					
<b>Spatial Status:</b>	--				
<b>Overburden and Bedrock Materials Interval</b>	--				
<b>Formation ID:</b>	1005271223				
<b>Layer:</b>					
<b>General Color:</b>					
<b>Most Common Material:</b>					
<b>Other Materials:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>					
<b>Formation End Depth:</b>					
<b>Formation End Depth UOM:</b>	m				
<b>Annular Space/Abandonment Sealing Record</b>	--				
<b>Plug ID:</b>	1005271231				
<b>Layer:</b>	1				
<b>Plug From:</b>	0				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>Plug To:</b>		.31			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Plug ID:</b>		1005271232			
<b>Layer:</b>		2			
<b>Plug From:</b>		.31			
<b>Plug To:</b>		2.44			
<b>Plug Depth UOM:</b>		m			
--		--			
<b>Plug ID:</b>		1005271233			
<b>Layer:</b>		3			
<b>Plug From:</b>		2.44			
<b>Plug To:</b>		5.79			
<b>Plug Depth UOM:</b>		m			
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<b>Method of Construction &amp; Well Use</b>					
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<b>Method Construction ID:</b>		1005271230			
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b>					
--		--			
<b>Pipe Information</b>					
--		--			
<b>Pipe ID:</b>		1005271222			
<b>Casing Number:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
--		--			
<b>Construction Record - Casing</b>					
--		--			
<b>Casing ID:</b>		1005271226			
<b>Layer:</b>		1			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>		3.45			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
--		--			
--		--			
<b>Construction Record - Screen</b>					
--		--			
<b>Screen ID:</b>		1005271227			
<b>Layer:</b>		1			
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		4.21			
--		--			
<b>Hole Diameter</b>					
--		--			
<b>Hole ID:</b>		1005271224			
<b>Diameter:</b>		10.92			
<b>Depth From:</b>		0			
<b>Depth To:</b>		1.83			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
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Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">92</a>	1 of 1	W/273.2	67.5	ON	BORE
<div> <div> <b>Borehole ID:</b> 847429  <b>Use:</b> Geotechnical/Geological Investigation  <b>Drill Method::</b> Diamond Drill  <b>Easting::</b> 446392  <b>Location Accuracy::</b>  <b>Elev. Reliability Note::</b>  <b>Total Depth m::</b> 41.1  <b>Township::</b> NEPEAN  <b>Lot::</b> LOT F  <b>Completion Date::</b> 02-MAR-1961  <b>Primary Water Use::</b> </div> <div> <b>Type:</b> Borehole  <b>Status::</b> Decommissioned  <b>UTM Zone::</b> 18  <b>Northing::</b> 5028941  <b>Orig. Ground Elev m::</b> 67.8  <b>DEM Ground Elev m::</b> 71.3  <b>Primary Name::</b>  <b>Concession::</b> BROKEN FRONT C  <b>Municipality:</b>  <b>Static Water Level::</b> -999.9  <b>Sec. Water Use::</b> </div> </div>					
<b>--Details--</b>					
<b>Stratum ID:</b>		6557480		<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>		12.2		<b>Stratum Desc:</b>	STIFF BROWN TO GREY CLAY SOME SILT TRACE FIN SAND
<b>Stratum ID:</b>		6557481		<b>Top Depth(m):</b>	12.2
<b>Bottom Depth(m):</b>		21.0		<b>Stratum Desc:</b>	STIFF GREY SILTY CLAY SOME FINE SAND OCCASIONAL POCKETS OF ORGANIC MATERIAL
<b>Stratum ID:</b>		6557482		<b>Top Depth(m):</b>	21.0
<b>Bottom Depth(m):</b>		37.9		<b>Stratum Desc:</b>	COMPACT TO VERY DENSE GREY SILT SOME FINE SAND TRACE CLAY
<b>Stratum ID:</b>		6557483		<b>Top Depth(m):</b>	37.9
<b>Bottom Depth(m):</b>		38.3		<b>Stratum Desc:</b>	VERY DENSE BROWN SANDY TILL
<b>Stratum ID:</b>		6557484		<b>Top Depth(m):</b>	38.3
<b>Bottom Depth(m):</b>		41.1		<b>Stratum Desc:</b>	DARK GREY SHALE BEDROCK
<a href="#">93</a>	1 of 1	SW/273.2	67.9	214 Queen Elizabeth Drive, Ottawa ON	PINC
<div> <div> <b>Incident ID:</b>  <b>Incident No:</b> 807864  <b>Type:</b> FS-Pipeline Incident  <b>Status Code:</b> Pipeline Damage Reason Est  <b>Fuel Occurrence Tp:</b>  <b>Fuel Type:</b>  <b>Tank Status:</b> RC Established  <b>Task No:</b> 3831489  <b>Spills Action Centre:</b>  <b>Method Details:</b> E-mail  <b>Fuel Category:</b> Natural Gas  <b>Date of Occurrence:</b>  <b>Occurrence Start Date:</b> 2012/05/14  <b>Operation Type:</b>  <b>Pipeline Type:</b>  <b>Regulator Type:</b>  <b>Summary:</b> 214 Queen Elizabeth Drive, Ottawa - 1/2" Pipeline Hit  <b>Reported By:</b> Jeff.Stiles@enbridge.com  <b>Affiliation:</b>  <b>Occurrence Desc:</b>  <b>Damage Reason:</b> No notification made to the one call center  <b>Notes:</b> </div> <div> <b>Health Impact:</b>  <b>Environment Impact:</b>  <b>Property Damage:</b> Yes  <b>Service Interrupt:</b>  <b>Enforce Policy:</b> Yes  <b>Public Relation:</b>  <b>Pipeline System:</b>  <b>Depth:</b>  <b>Pipe Material:</b>  <b>PSIG:</b>  <b>Attribute Category:</b> FS-Perform P-line Inc Invest  <b>Regualtor Location:</b> </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">94</a>	1 of 1	WSW/273.8	67.7	GOLDER ASSOCIATES 5 Pretoria Avenue Ottawa ON	GEN
<b>PO Box Num:</b> <b>Status:</b> <b>Country:</b> <b>Generator #:</b> ON3452647 <b>Approval Yrs::</b> 2012 <b>SIC Code:</b> 236210 <b>SIC Description:</b> Industrial Building and Structure Construction					
<a href="#">95</a>	1 of 1	WNW/274.4	69.0	ON	BORE
<b>Borehole ID:</b> 613245 <b>Use:</b> <b>Drill Method::</b> <b>Easting::</b> 446411 <b>Location Accuracy::</b> <b>Elev. Reliability Note::</b> <b>Total Depth m::</b> 14.3 <b>Township::</b> <b>Lot::</b> <b>Completion Date::</b> MAR-1971 <b>Primary Water Use::</b>					
<b>Type:</b> Borehole <b>Status::</b> <b>UTM Zone::</b> 18 <b>Northing::</b> 5029052 <b>Orig. Ground Elev m::</b> 70.3 <b>DEM Ground Elev m::</b> 68.1 <b>Primary Name::</b> <b>Concession::</b> <b>Municipality:</b> <b>Static Water Level::</b> -999.9 <b>Sec. Water Use::</b>					
<b>--Details--</b>					
<b>Stratum ID:</b> 218394313 <b>Bottom Depth(m):</b> 1.8 <b>Top Depth(m):</b> 0.0 <b>Stratum Desc:</b> ARTIFICIAL.					
<b>Stratum ID:</b> 218394314 <b>Bottom Depth(m):</b> 4.9 <b>Top Depth(m):</b> 1.8 <b>Stratum Desc:</b> CLAY. BROWN,GREY,VERY STIFF TO HARD,FISSURED.					
<b>Stratum ID:</b> 218394315 <b>Bottom Depth(m):</b> 5.3 <b>Top Depth(m):</b> 4.9 <b>Stratum Desc:</b> CLAY. GREY,SOFT TO STIFF,FISSURED.					
<b>Stratum ID:</b> 218394316 <b>Bottom Depth(m):</b> 6.9 <b>Top Depth(m):</b> 5.3 <b>Stratum Desc:</b> CLAY. GREY,SOFT TO STIFF,FISSURED.					
<b>Stratum ID:</b> 218394317 <b>Bottom Depth(m):</b> 8.4 <b>Top Depth(m):</b> 6.9 <b>Stratum Desc:</b> CLAY. GREY,SOFT TO STIFF,FISSURED.					
<b>Stratum ID:</b> 218394318 <b>Bottom Depth(m):</b> 11.4 <b>Top Depth(m):</b> 8.4 <b>Stratum Desc:</b> CLAY. GREY,SOFT TO STIFF.					
<b>Stratum ID:</b> 218394319 <b>Bottom Depth(m):</b> 14.3 <b>Top Depth(m):</b> 11.4 <b>Stratum Desc:</b> CLAY. GREY,SOFT TO STIFF.00000 017 00060 060 00160 084 00175 072 00225 075 00					
<a href="#">96</a>	1 of 1	NNE/275.2	68.2	176 Greenfield Ave Ottawa ON K1S0Y1	EHS
<b>Postal Code:</b> K1S0Y1 <b>City:</b> Ottawa <b>Address2:</b> <b>Address1:</b> 176 Greenfield Ave <b>Provstate:</b> ON <b>Order No.:</b> 20150904072 <b>Addit. Info Ordered::</b>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>	<i>DB</i>
<i>Report Date:</i>		14-SEP-15			
<i>Report Type:</i>		Standard Report			
<i>Search Radius (km):</i>		.25			



# Unplottable Summary

Total: **104** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Hawthorne Avenue	Ottawa ON	
CA	Ottawa-Carleton District School Board		Ottawa ON	
CA		Argyle Avenue	Ottawa ON	
CA		Argyle Avenue	Ottawa ON	
CA	CANADIAN FORCES BASE OTTAWA	CARTIER SQUARE DRILL HALL SWM	OTTAWA CITY ON	
CA	OTTAWA CITY	CARTIER ST. COMBINED SEWER	OTTAWA CITY ON	
CA	FALCONCREST HOMES INC.	EVELYN AVE.	OTTAWA ON	
CA	Drain-All Ltd.	Mobile System	Ottawa ON	
CA		Hawthorne Avenue	Ottawa ON	
CA	SPENCER & ASSOC.CONSLTG.ENG.LTD.	LEES AVE.	OTTAWA ON	
CA		Lees Avenue	Ottawa ON	
CA	R.M. OF OTTAWA-CARLETON	LEES AVE.	OTTAWA CITY ON	
CA	OTTAWA CITY	QUEEN ELIZABETH DRIVEWAY	OTTAWA CITY ON	
CA	REG.MUN.OF OTTAWA-CARLETON	QUEENSWAY N.	OTTAWA ON	
CONV	SHELL CANADA PRODUCTS LIMITED		DON MILLS ON	
CONV	DRAIN-ALL LTD.		ON	
EBR	Lafarge Canada Inc	Hawthorne Road	Ottawa ON	
ECA	Shell Canada Limited	Nepean	Ottawa ON	

ECA	Golder Associates Ltd.		City of Ottawa ON	
EHS		Hwy 417	Ottawa ON	
EHS		Highway 417, CN Rail	Ottawa ON	
GEN	OTTAWA-CARLTON, REGIONAL MUNICIPAL	(STORM WATER PUMPING STATION, LEES AVE) C/O 222 QUEEN STREET	OTTAWA ON	K1P 5Z3
GEN	Ecoplans Limited	Highway 417 West onramp accessed off Moodie Drive	Ottawa ON	K2H 8G3
GEN	PITTS (OUT OF BUS) 31-354	BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417	OTTAWA-CARLETON ON	K1G 3H6
GEN	PITTS ENGINEERING CONSTRUCTION	BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417	OTTAWA-CARLETON ON	K1G 3H6
GEN	R.W Tomlinson	LRT Central Site Hwy 417 Widening	ottawa ON	
GEN	CITY OF OTTAWA	LEES AVENUE TRANSIT STATION	OTTAWA ON	
GEN	OTTAWA-CARLTON, REGIONAL MUN. OF 29-120	LEES AVENUE TRANSIT STATION C/O 222 QUEEN STREET	OTTAWA ON	K1P 5Z3
GEN	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	(STORM WATER PUMPING STATION, LEES AVE) C/O 222 QUEEN STREET	OTTAWA ON	K1P 5Z3
GEN	CITY OF OTTAWA	LEES AVENUE TRANSIT STATION	OTTAWA ON	K1V 1A6
GEN	OTTAWA-CARLTON, REGIONAL MUN. OF	LEES AVENUE TRANSIT STATION C/O 222 QUEEN STREET	OTTAWA ON	K1P 5Z3
GEN	CITY OF OTTAWA	LEES AVENUE TRANSIT STATION	OTTAWA ON	
GEN	CITY OF OTTAWA	LEES AVENUE TRANSIT STATION	OTTAWA ON	K1V 1A6
GEN	CITY OF OTTAWA Wastewater Services Branch	LEES AVENUE TRANSIT STATION	OTTAWA ON	K1V 1A6
GEN	CLEAN WATER WORKS	LEES AVE @ OC TRANSPO TRANSIT WAY	OTTAWA ON	
GEN	CITY OF OTTAWA	LEES AVENUE TRANSIT STATION	OTTAWA ON	
GEN	CLEAN WATER WORKS	LEES AVE @ OC TRANSPO TRANSIT WAY	OTTAWA ON	
GEN	CITY OF OTTAWA Wastewater Services Branch	LEES AVENUE TRANSIT STATION	OTTAWA ON	K1V 1A6
GEN	CITY OF OTTAWA	LEES AVENUE TRANSIT STATION	OTTAWA ON	
GEN	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	LEES AVENUE TRANSIT STATION	OTTAWA ON	

GEN	PITTS ENGINEERING CONSTRUCTION 31-354	BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417	OTTAWA-CARLETON ON	K1G 3H6
GEN	RW Tomlinson	Lees Avenue Transit Station	Ottawa ON	
NDFT		COLONEL DR BY OTTAWA	ON	
NDFT		MAIN STREET	ON	
NPCB	PUBLIC WORKS CANADA	LORNE BUILDING ELGIN STREET	OTTAWA ON	
NPCB	PUBLIC WORKS CANADA	LORNE BUILDING; ELGIN STREET	OTTAWA ON	
PINC		COLONEL BY DRIVE, OTTAWA	ON	
RST	ROB'S SHELL	RR 66 LCD S	OTTAWA ON	K1T 3Z4
SPL	TRANSPORT TRUCK	QUEENSWAY MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	NICHOLS SERVICE STATION, HIGHWAY MARKET, RR 1 WOODLAWN, WEST CARLETON SERVICE STATION	OTTAWA-CARLETON R.M. ON	K1T 3Z4
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	Shell Canada Products Limited	Shell Canada	Ottawa ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL		Colonel By Dr	Ottawa ON	
SPL		Colonel By Drive	Ottawa ON	



SPL	Enbridge Gas Distribution Inc.	Colonel By Drive building 10, Carleton University	Ottawa ON
SPL		Hawthorne Loop, Hawthorne Road and Hunt Club Road	Ottawa ON
SPL		HAWTHORNE RD, JUST SOUTH OF LEITRIM RD.<UNOFFICIAL>	Ottawa ON
SPL		Hawthorne Rd btw Stevenage Dr and Ages Dr	Ottawa ON
SPL	UNKNOWN	HAWTHORNE RD	OTTAWA CITY ON
SPL		HWY 417 ONRAMP AT TERRY FOX EXIT<UNOFFICIAL>	Ottawa ON
SPL	Thermal Shell	Highway 417 West of Eagleson Rd	Ottawa ON
SPL	Wilway Transport<UNOFFICIAL>	Highway 417 eastbound, panmure exit(exit 162) MVA - HIGHWAY 417 EASTBOUND AT PANMURE EXIT (EXIT 163)<UNOFFICIAL>	Ottawa ON
SPL	Ferguson Fuels<UNOFFICIAL>	HWY 417 EASTBOUND AT THE EAGLESON OFF RAMP<UNOFFICIAL>	Ottawa ON
SPL	TRANSPORT TRUCK	HWY # 417 AT ROCHESTER EXIT. MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	TRANSPORT TRUCK	HWY 417 AT MILE MARKER 5, EASTBOUND MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	Sita Ontario Inc.	Highway 417(westbound) and Moodie Drive ramp	Ottawa ON
SPL	Waste Management Inc.	HWY 417 EASTBOUND, ST. LAURENT EXIT (115)<UNOFFICIAL>	Ottawa ON
SPL	City of Ottawa	Highway 417	Ottawa ON
SPL		HIGHWAY 417 EASTBOUND, EAST OF ROCKDALE EXIT<UNOFFICIAL>	Ottawa ON
SPL	TRANSPORT TRUCK	HWY. 417 MOTOR VEHICLE (OPERATING FLUID)	OTTAWA ON
SPL	TRANSPORT TRUCK	HWY 417 BETWEEN NICOLAS AND VANIER PARKWAY MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	LECLAIR FUELS LTD.	HWY 417 BTWN INNIS & PKWY TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	CITY OF OTTAWA SNOW PLOW<UNOFFICIAL>	TERRY FOX DRIVE AT THE HWY. 417 OVERPASS<UNOFFICIAL>	Ottawa ON
SPL	Waste Services Inc.	Highway 417 East bound West of Terry Fox	Ottawa ON
SPL	S. 21(1)(f)	Hwy 417 E between Vanier Parkway and St. Laurent<UNOFFICIAL>	Ottawa ON

SPL		417 EASTBOUND - NICHOLAS ON RAMP<UNOFFICIAL>	Ottawa ON
SPL	Glenview Iron and Steel Ltd.<UNOFFICIAL>	Hwy 417 - Woodroffe W. Bnd, On-Ramp	Ottawa ON
SPL		Hwy 417 at Hurdman Bridge, SW Corner	Ottawa ON
SPL	Drain-All Ltd.	Hwy 417 Westbound near Carling off-ramp	Ottawa ON
SPL		central transit way adjacent to hwy 417 between nicholas ave and lees ave	Ottawa ON
SPL	Tomlinson Environmental Services Ltd.; SNC-Lavalin Constructors (Pacific) Inc	Highway 417 at Hurdman Bridge	Ottawa ON
SPL		Hwy 417 to the corner of Rideau and King Edward	Ottawa ON
SPL	Enbridge Gas Distribution Inc.	HWY 417 at Vars Bridge	Ottawa ON
SPL	City of Ottawa	Hwy 417 West bound, between the Carling Ave Exit and the Maitland Exit	Ottawa ON
SPL		Hwy 417 Under Overpass @ Castlefrank Road	Ottawa ON
SPL	Unisource Canada, Inc.	HWY 417-West near Km 117 on the Vanier Prk Way,	Ottawa ON
SPL	Purolator Courier Ltd.	Hwy 417 Eastbound @ Mile Marker 180	Ottawa ON
SPL		417 eastbound, east of exit 104	Ottawa ON
SPL	Ottawa LRT <UNOFFICIAL>	Hwy 417 near Lees Avenue	Ottawa ON
SPL	Penske Truck Leasing Canada Inc.	Hwy 417 east, at exit 88, Vars	Ottawa ON
SPL	Transport BUSA<UNOFFICIAL>	Hwy 417 East Bound, km 66	Ottawa ON
SPL	Enbridge Gas Distribution Inc.	Main St	Ottawa ON
SPL	POWELL FUELS	RIDEAU VALLEY MIDDLE SCHOOL, MAIN ST., KARS TANK TRUCK (CARGO)	OTTAWA-CARLETON R.M. ON
SPL	UNKNOWN	INTERSECTION OF MAIN ST. AND POOL CREEK	OTTAWA CITY ON
SPL	UNKNOWN	BLAIR STATION AND QUEENSWAY	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	Loblaws Company East<UNOFFICIAL>	Queensway, from Greenbank Exit to 1735 Iris Road (Pine Crest Shopping Centre - in front of IKEA)<UNOFFICIAL>	Ottawa ON

# Unplottable Report

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**Site:** Hawthorne Avenue Ottawa ON **Database:** CA

**Certificate #:** 3628-4JKJGL  
**Application Year:** 00  
**Issue Date:** 4/28/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name::** Corporation of the Regional Municipality of Ottawa-Carleton  
**Client Address::** 111 Lisgar Street  
**Client City::** Ottawa  
**Client Postal Code::** K2P 2L7  
**Project Description::** This application is for the installation of watermain on Hawthorne Avenue, from Main Street to east of Concord Street  
**Contaminants::**  
**Emission Control::**

---

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

**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::**

---

**Site:** Argyle Avenue Ottawa ON **Database:** CA

**Certificate #:** 2785-4LNQUF  
**Application Year:** 00  
**Issue Date:** 7/6/00  
**Approval Type:** Municipal & Private sewage  
**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::** Combined Sewers  
**Contaminants::**  
**Emission Control::**

---

**Site:** Argyle Avenue Ottawa ON **Database:** CA

**Certificate #:** 0155-4L5MNQ

**Application Year:** 00  
**Issue Date:** 6/12/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name::** Corporation of the Regional Municipality of Ottawa-Carleton  
**Client Address::** 111 Lisgar Street  
**Client City::** Ottawa  
**Client Postal Code::** K2P 2L7  
**Project Description::** Construction of a Watermain on Argyle Avenue  
**Contaminants::**  
**Emission Control::**

---

**Site:** **CANADIAN FORCES BASE OTTAWA**  
**CARTIER SQUARE DRILL HALL SWM OTTAWA CITY ON**

**Database:**  
**CA**

**Certificate #:** 3-0293-94-006  
**Application Year:** 94  
**Issue Date:** 9/6/94  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::**  
**Contaminants::**  
**Emission Control::**

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**Site:** **OTTAWA CITY**  
**CARTIER ST. COMBINED SEWER OTTAWA CITY ON**

**Database:**  
**CA**

**Certificate #:** 3-0504-96-  
**Application Year:** 96  
**Issue Date:** 6/18/1996  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::**  
**Contaminants::**  
**Emission Control::**

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**Site:** **FALCONCREST HOMES INC.**  
**EVELYN AVE. OTTAWA ON**

**Database:**  
**CA**

**Certificate #:** 7-0005-85-006  
**Application Year:** 85  
**Issue Date:** 1/22/85  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::**  
**Contaminants::**  
**Emission Control::**



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**Site:**     **Drain-All Ltd.**  
              **Mobile System   Ottawa ON**

**Database:**  
**CA**

**Certificate #:**                 A860302  
**Application Year:**           2006  
**Issue Date:**                 8/4/2006  
**Approval Type:**             Waste Management Systems  
**Status:**                     Approved  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::**  
**Contaminants::**  
**Emission Control::**

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**Site:**                         **Hawthorne Avenue   Ottawa ON**

**Database:**  
**CA**

**Certificate #:**                 7616-4JKHU9  
**Application Year:**           00  
**Issue Date:**                 4/28/00  
**Approval Type:**             Municipal & Private sewage  
**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 installation of storm and sanitary sewers on Hawthorne Avenue, from Main Street to easterly on Concord Street  
**Contaminants::**  
**Emission Control::**

---

**Site:**                         **SPENCER & ASSOC.CONSLTG.ENG.LTD.**  
                                  **LEES AVE.   OTTAWA ON**

**Database:**  
**CA**

**Certificate #:**                 3-0807-85-006  
**Application Year:**           85  
**Issue Date:**                 7/30/85  
**Approval Type:**             Municipal sewage  
**Status:**                     Approved  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::**  
**Contaminants::**  
**Emission Control::**

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**Site:**                         **Lees Avenue   Ottawa ON**

**Database:**  
**CA**

**Certificate #:**                 8377-4MUJUZ  
**Application Year:**           00  
**Issue Date:**                 8/8/00  
**Approval Type:**             Municipal & Private water  
**Status:**                     Approved  
**Application Type:**           New Certificate of Approval  
**Client Name::**                Corporation of the Regional Municipality of Ottawa-Carleton  
**Client Address::**            4475 Trail Rd.  
**Client City::**                Nepean

**Client Postal Code::** K0A 2Z0  
**Project Description::** Rehabilitation of existing watermain with new watermain & hydrants on Lees Avenue  
**Contaminants::**  
**Emission Control::**

---

**Site:** R.M. OF OTTAWA-CARLETON  
LEES AVE. OTTAWA CITY ON

**Database:**  
CA

**Certificate #:** 3-1317-86-  
**Application Year:** 86  
**Issue Date:** 9/23/1986  
**Approval Type:** Municipal sewage  
**Status:** Revised  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::**  
**Contaminants::**  
**Emission Control::**

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**Site:** OTTAWA CITY  
QUEEN ELIZABETH DRIVEWAY OTTAWA CITY ON

**Database:**  
CA

**Certificate #:** 3-1225-89-  
**Application Year:** 89  
**Issue Date:** 6/27/1989  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::**  
**Contaminants::**  
**Emission Control::**

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**Site:** REG.MUN.OF OTTAWA-CARLETON  
QUEENSWAY N. OTTAWA ON

**Database:**  
CA

**Certificate #:** 3-0468-85-006  
**Application Year:** 85  
**Issue Date:** 6/4/85  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::**  
**Contaminants::**  
**Emission Control::**

---

**Site:** SHELL CANADA PRODUCTS LIMITED  
DON MILLS ON

**Database:**  
CONV

**File No.:**  
**Publication Title:**  
**Publication City:**  
**Url:**

**Crown Brief No.:**  
**Ministry District:**  
**Region:** SOUTH EAST REGION  
**Description:** DISCHARGING A CONTAMINANT - ADVERSE EFFECT

**--Details--**

**Publication Date:**  
**Count:** 1  
**Act:** EPA  
**Act/Regulation/Section:** EPA- -13(1)  
**Date Charged:** 92/05/12  
**Charge Disposition:**  
**Fine:** 90000

---

**Site:** DRAIN-ALL LTD.  
ON

**Database:**  
CONV

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

**--Details--**

**Publication Date:**  
**Count:** 1  
**Act:** EPA  
**Act/Regulation/Section:** EPA- -186(3)  
**Date Charged:** 4/14/99  
**Charge Disposition:** SUSPENDED SENTENCE  
**Fine:** \$305.00

---

**Site:** Lafarge Canada Inc  
Hawthorne Road Ottawa ON

**Database:**  
EBR

**Company Name:**  
**Year:** 2006  
**Notice Type:** Instrument Decision  
**EBR Registry No.:** IA06E0284  
**Instrument Type:** Approval for sewage works - OWRA s. 53(1)  
**Proposal Date:**  
**Ministry Ref. No.:** 5221-6LEMVN  
**Location:** Hawthorne Road Ottawa Ontario Hawthorne Quarry Lot 28, Concession VI, City of Ottawa  
**Proponent Address:** 7880 Keele Street, 5th Floor Concord Ontario L4K 4G7  
**Notice Date:**

---

**Site:** Shell Canada Limited  
Nepean Ottawa ON

**Database:**  
ECA

**Approval No:** 1454-96LJDX  
**Project Type:** Industrial Sewage  
**Date:** 19-APR-13  
**Status:** Approved  
**Longitude:**  
**Latitude:**  
**Record Type:**  
**PDF URL:**  
**Full Address:**

**Site:** *Golder Associates Ltd.  
City of Ottawa ON*

**Database:**  
*ECA*

**Approval No:** 7726-A6CRD6  
**Project Type:** Air  
**Date:** 2016-02-02  
**Status:** Approved  
**Longitude:**  
**Latitude:**  
**Record Type:** ECA  
**PDF URL:** <https://www.accessenvironment.ene.gov.on.ca/instruments/6895-9PJHS5-14.pdf>  
**Full Address:** City of Ottawa, Ontario

---

**Site:** *Hwy 417 Ottawa ON*

**Database:**  
*EHS*

**Postal Code:**  
**City:**  
**Address2:**  
**Address1:**  
**Provstate:**  
**Order No.:** 20120509053  
**Addit. Info Ordered::**  
**Report Date:** 5/16/2012  
**Report Type:** Custom Report  
**Search Radius (km):** 0.25

---

**Site:** *Highway 417, CN Rail Ottawa ON*

**Database:**  
*EHS*

**Postal Code:**  
**City:**  
**Address2:**  
**Address1:**  
**Provstate:**  
**Order No.:** 20051017044  
**Addit. Info Ordered::**  
**Report Date:** 10/18/2005  
**Report Type:** Site Report  
**Search Radius (km):** 0.25

---

**Site:** *OTTAWA-CARLTON, REGIONAL MUNICIPAL  
(STORM WATER PUMPING STATION, LEES AVE) C/O 222 QUEEN STREET OTTAWA ON K1P 5Z3*

**Database:**  
*GEN*

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON0303103  
**Approval Yrs.:** 86,87,88,89,90  
**SIC Code:** 0000  
**SIC Description:** \*\*\* NOT DEFINED \*\*\*

---

**Site:** *Ecoplans Limited  
Highway 417 West onramp accessed off Moodie Drive Ottawa ON K2H 8G3*

**Database:**  
*GEN*

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON3922236  
**Approval Yrs.:** 2010  
**SIC Code:** 541620  
**SIC Description:** Environmental Consulting Services

---



**--Details--**

**Waste Code:** 241  
**Waste Description:** HALOGENATED SOLVENTS

---

**Site:** **PITTS (OUT OF BUS) 31-354**  
**BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417 OTTAWA-CARLETON ON K1G 3H6**

**Database:**  
**GEN**

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON0760802  
**Approval Yrs.:** 97,98  
**SIC Code:** 4121  
**SIC Description:** HIGHWAYS, STR., ETC.

**--Details--**

**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** **PITTS ENGINEERING CONSTRUCTION**  
**BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417 OTTAWA-CARLETON ON K1G 3H6**

**Database:**  
**GEN**

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON0760802  
**Approval Yrs.:** 86,87,88,89,90  
**SIC Code:** 4121  
**SIC Description:** HIGHWAYS, STR., ETC.

**--Details--**

**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** **R.W Tomlinson**  
**LRT Central Site Hwy 417 Widening ottawa ON**

**Database:**  
**GEN**

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON9834153  
**Approval Yrs.:** As of May 2015  
**SIC Code:**  
**SIC Description:**

**--Details--**

**Waste Code:** 146  
**Waste Description:** Other specified inorganic sludges, slurries or solids

**Waste Code:** 252  
**Waste Description:** Waste crankcase oils and lubricants

**Waste Code:** 212  
**Waste Description:** Aliphatic solvents and residues

---

**Site:** **CITY OF OTTAWA**  
**LEES AVENUE TRANSIT STATION OTTAWA ON**

**Database:**  
**GEN**

**PO Box Num:**

Status:  
Country:  
Generator #: ON0303104  
Approval Yrs:: 2009  
SIC Code: 221320  
SIC Description: Sewage Treatment Facilities

**--Details--**

Waste Code: 146  
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 222  
Waste Description: HEAVY FUELS

---

**Site:** OTTAWA-CARLTON, REGIONAL MUN. OF 29-120  
LEES AVENUE TRANSIT STATION C/O 222 QUEEN STREET OTTAWA ON K1P 5Z3

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

**PO Box Num:**

Status:  
Country:  
Generator #: ON0303104  
Approval Yrs:: 94,95,96  
SIC Code: 3699  
SIC Description: OTHER PETRO. & COAL

**--Details--**

Waste Code: 222  
Waste Description: HEAVY FUELS

---

**Site:** OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF  
(STORM WATER PUMPING STATION, LEES AVE) C/O 222 QUEEN STREET OTTAWA ON K1P 5Z3

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

**PO Box Num:**

Status:  
Country:  
Generator #: ON0303103  
Approval Yrs:: 92,93,94  
SIC Code: 0000  
SIC Description: \*\*\* NOT DEFINED \*\*\*

---

**Site:** CITY OF OTTAWA  
LEES AVENUE TRANSIT STATION OTTAWA ON K1V 1A6

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

**PO Box Num:**

Status:  
Country:  
Generator #: ON0303104  
Approval Yrs:: 2012  
SIC Code: 221320  
SIC Description: Sewage Treatment Facilities

**--Details--**

Waste Code: 146  
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 222  
Waste Description: HEAVY FUELS

---

**Site:** OTTAWA-CARLTON, REGIONAL MUN. OF  
LEES AVENUE TRANSIT STATION C/O 222 QUEEN STREET OTTAWA ON K1P 5Z3

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

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON0303104  
**Approval Yrs::** 86,87,88,89,90  
**SIC Code:** 3699  
**SIC Description:** OTHER PETRO. & COAL

**--Details--**

**Waste Code:** 222  
**Waste Description:** HEAVY FUELS

---

**Site:** CITY OF OTTAWA  
LEES AVENUE TRANSIT STATION OTTAWA ON

**Database:**  
GEN

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON0303104  
**Approval Yrs::** 2011  
**SIC Code:** 221320  
**SIC Description:** Sewage Treatment Facilities

**--Details--**

**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS  
  
**Waste Code:** 222  
**Waste Description:** HEAVY FUELS

---

**Site:** CITY OF OTTAWA  
LEES AVENUE TRANSIT STATION OTTAWA ON K1V 1A6

**Database:**  
GEN

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON0303104  
**Approval Yrs::** 02,03,04,05,06,07,08  
**SIC Code:** 221320  
**SIC Description:** Sewage Treatment Facilities

**--Details--**

**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS  
  
**Waste Code:** 222  
**Waste Description:** HEAVY FUELS

---

**Site:** CITY OF OTTAWA Wastewater Services Branch  
LEES AVENUE TRANSIT STATION OTTAWA ON K1V 1A6

**Database:**  
GEN

**PO Box Num:**  
**Status:** Registered  
**Country:** Canada  
**Generator #:** ON0303104  
**Approval Yrs::** As of Sep 2016  
**SIC Code:**  
**SIC Description:**

**--Details--**

**Waste Code:** 146 L  
**Waste Description:** Other specified inorganic sludges, slurries or solids

**Waste Code:** 251 L  
**Waste Description:** Waste oils/sludges (petroleum based)

**Waste Code:** 222 H  
**Waste Description:** Heavy fuels

---

**Site:** CLEAN WATER WORKS  
LEES AVE @ OC TRANSPOTRANSITWAY OTTAWA ON

**Database:**  
GEN

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON2883524  
**Approval Yrs::** 2010  
**SIC Code:** 238990  
**SIC Description:** All Other Specialty Trade Contractors

**--Details--**  
**Waste Code:** 221  
**Waste Description:** LIGHT FUELS

---

**Site:** CITY OF OTTAWA  
LEES AVENUE TRANSIT STATION OTTAWA ON

**Database:**  
GEN

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON0303104  
**Approval Yrs::** 2013  
**SIC Code:** 221320  
**SIC Description:** SEWAGE TREATMENT FACILITIES

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

**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS

**Waste Code:** 222  
**Waste Description:** HEAVY FUELS

---

**Site:** CLEAN WATER WORKS  
LEES AVE @ OC TRANSPOTRANSITWAY OTTAWA ON

**Database:**  
GEN

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON2883524  
**Approval Yrs::** 2009  
**SIC Code:** 238990  
**SIC Description:** All Other Specialty Trade Contractors

**--Details--**  
**Waste Code:** 221  
**Waste Description:** LIGHT FUELS

---

**Site:** CITY OF OTTAWA Wastewater Services Branch  
LEES AVENUE TRANSIT STATION OTTAWA ON K1V 1A6

**Database:**  
GEN



**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON0303104  
**Approval Yrs.:** As of May 2015  
**SIC Code:**  
**SIC Description:**

**--Details--**

**Waste Code:** 251  
**Waste Description:** Waste oils/sludges (petroleum based)

**Waste Code:** 146  
**Waste Description:** Other specified inorganic sludges, slurries or solids

**Waste Code:** 222  
**Waste Description:** Heavy fuels

---

**Site:** CITY OF OTTAWA  
LEES AVENUE TRANSIT STATION OTTAWA ON

**Database:**  
GEN

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON0303104  
**Approval Yrs.:** 2010  
**SIC Code:** 221320  
**SIC Description:** Sewage Treatment Facilities

**--Details--**

**Waste Code:** 222  
**Waste Description:** HEAVY FUELS

**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS

---

**Site:** OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF  
LEES AVENUE TRANSIT STATION OTTAWA ON

**Database:**  
GEN

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON0303104  
**Approval Yrs.:** 92,93,97,98,99,00,01  
**SIC Code:** 3699  
**SIC Description:** OTHER PETRO. & COAL

**--Details--**

**Waste Code:** 222  
**Waste Description:** HEAVY FUELS

---

**Site:** PITTS ENGINEERING CONSTRUCTION 31-354  
BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417 OTTAWA-  
CARLETON ON K1G 3H6

**Database:**  
GEN

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON0760802  
**Approval Yrs.:** 92,93,94,95,96  
**SIC Code:** 4121  
**SIC Description:** HIGHWAYS, STR., ETC.

**--Details--**

**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

---

**Site:** **RW Tomlinson**  
**Lees Avenue Transit Station Ottawa ON**

**Database:**  
**GEN**

**PO Box Num:**

**Status:**

**Country:**

**Generator #:** ON9056839

**Approval Yrs::** 2013

**SIC Code:** 237310

**SIC Description:** HIGHWAY, STREET AND BRIDGE CONSTRUCTION

**--Details--**

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

---

**Site:** **COLONEL DR BY OTTAWA ON**

**Database:**  
**NDFT**

**Property Id:** K13545  
**Base Name::** DG REALTY POLICY AND PLANS  
**Status:** Tank currently active  
**Status As Of:** May 25, 2001  
**Tank Class::** Bulk Storage  
**Install Year:** 1999  
**Tank Type::** Aboveground Shop-fabricated  
**Last Year Used:** 1999  
**Tank Contents::** Diesel  
**Capacity (L)::** 11142

---

**Site:** **MAIN STREET ON**

**Database:**  
**NDFT**

**Property Id:** K6208  
**Base Name::** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class::** Bulk Storage (i.e. >45 000 litres)  
**Install Year:** 1960  
**Tank Type::** Aboveground Field-erected  
**Last Year Used:** 1999  
**Tank Contents::** Diesel  
**Capacity (L)::** 30

---

**Site:** **PUBLIC WORKS CANADA**  
**LORNE BUILDING ELGIN STREET OTTAWA ON**

**Database:**  
**NPCB**

**Company Code:** O3082  
**Industry:** PUBLICS WORKS CANADA  
**Site Status:** FEDERAL FACILITIES (IN USE)  
**Transaction Date:** 6/16/1999  
**Inspection Date:** 11/2/1999

---

**Site:** **PUBLIC WORKS CANADA**  
**LORNE BUILDING; ELGIN STREET OTTAWA ON**

**Database:**  
**NPCB**

**Company Code:** O3082

**Industry:** Public Works Canada  
**Site Status:**  
**Transaction Date:** 10/11/1991  
**Inspection Date:** 3/14/1991

---

**Site:** COLONEL BY DRIVE, OTTAWA ON

**Database:**  
PINC

**Incident ID:**  
**Incident No:** 1935574  
**Type:** FS-Pipeline Incident  
**Status Code:** Pipeline Damage Reason Est  
**Fuel Occurrence Tp:**  
**Fuel Type:**  
**Tank Status:** RC Established  
**Task No:** 6312399  
**Spills Action Centre:**  
**Method Details:** E-mail  
**Fuel Category:** Natural Gas  
**Date of Occurrence:**  
**Occurrence Start Date:** 2016/09/14  
**Operation Type:**  
**Pipeline Type:**  
**Regulator Type:**  
**Summary:** COLONEL BY DRIVE, OTTAWA - PIPELINE HIT - 1"  
**Reported By:** John Hardie - ENBRIDGE  
**Affiliation:**  
**Occurrence Desc:**  
**Damage Reason:** Facility was not located or marked  
**Notes:**

**Health Impact:**  
**Environment Impact:**  
**Property Damage:** Yes  
**Service Interrupt:**  
**Enforce Policy:** Yes  
**Public Relation:**  
**Pipeline System:**  
**Depth:**  
**Pipe Material:**  
**PSIG:**  
**Attribute Category:** FS-Perform P-line Inc Invest  
**Regualtor Location:**

---

**Site:** ROB'S SHELL  
RR 66 LCD S OTTAWA ON K1T 3Z4

**Database:**  
RST

**Code:** 1186800  
**Facility:** Service Stations-Gasoline, Oil & Natural Gas  
**Description:**  
**List Name:**

---

**Site:** TRANSPORT TRUCK  
QUEENSWAY MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

**Database:**  
SPL

**Ref No:** 224201  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** OTHER TRANSPORTATION ACCIDENT  
**Incident Dt:** 4/19/2002  
**Incident Reason:** ERROR  
**Incident Summary:** LOBLAWS: 450L DIESEL FROMTRUCK TO ROAD ONLY; OPP; MTO.  
**MOE Reported Dt:** 4/19/2002  
**Environmental Impact:** CONFIRMED  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20107

---

**Site:** SHELL CANADA PRODUCTS LTD.  
TANK TRUCK (CARGO) OTTAWA CITY ON

**Database:**  
SPL

**Ref No:** 84404  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** VALVE/FITTING LEAK OR FAILURE  
**Incident Dt:** 4/21/1993  
**Incident Reason:** ERROR  
**Incident Summary:** SHELL CANADA - 40 L OF AVIATION FUEL AT GATE A DUE TO TRUCK LEAK  
**MOE Reported Dt:** 4/22/1993  
**Environmental Impact:** NOT ANTICIPATED  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20101

---

**Site:** SHELL CANADA PRODUCTS LTD.  
TANK TRUCK (CARGO) OTTAWA CITY ON

**Database:**  
SPL

**Ref No:** 81843  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** VALVE/FITTING LEAK OR FAILURE  
**Incident Dt:** 2/14/1993  
**Incident Reason:** UNKNOWN  
**Incident Summary:** SHELL CANADA - 20 L OF AVIATION FUEL TO RAMP DUE TO TRUCK LEAK  
**MOE Reported Dt:** 2/14/1993  
**Environmental Impact:** NOT ANTICIPATED  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20101

---

**Site:** SHELL CANADA PRODUCTS LTD.  
NICHOLS SERVICE STATION, HIGHWAY MARKET, RR 1 WOODLAWN, WEST CARLETON SERVICE STATION  
OTTAWA-CARLETON R.M. ON K1T 3Z4

**Database:**  
SPL

**Ref No:** 33287  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** UNDERGROUND TANK LEAK  
**Incident Dt:** 4/17/1990  
**Incident Reason:** CORROSION  
**Incident Summary:** SHELL-GASOLINE POCKETS ON GROUND  
**MOE Reported Dt:** 4/17/1990  
**Environmental Impact:**  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20000

---

**Site:** SHELL CANADA PRODUCTS LTD.  
TANK TRUCK (CARGO) OTTAWA CITY ON

**Database:**  
SPL



**Ref No:** 30521  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** VALVE/FITTING LEAK OR FAILURE  
**Incident Dt:** 2/2/1990  
**Incident Reason:** ERROR  
**Incident Summary:** SHELL TANK TRUCK-50 L AVIATION FUEL TO ASPHALT  
**MOE Reported Dt:** 2/2/1990  
**Environmental Impact:**  
**Nature of Impact:**  
**Receiving Medium:** LAND / AIR  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20101

---

**Site:** SHELL CANADA PRODUCTS LTD.  
TANK TRUCK (CARGO) OTTAWA CITY ON

**Database:**  
**SPL**

**Ref No:** 26231  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** VALVE/FITTING LEAK OR FAILURE  
**Incident Dt:** 10/5/1989  
**Incident Reason:** EQUIPMENT FAILURE  
**Incident Summary:** SHELL CANADA - 120L JET FUEL TO TERMINAL RAMP  
**MOE Reported Dt:** 10/5/1989  
**Environmental Impact:** NOT ANTICIPATED  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20101

---

**Site:** SHELL CANADA PRODUCTS LTD.  
TANK TRUCK (CARGO) OTTAWA CITY ON

**Database:**  
**SPL**

**Ref No:** 23253  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** VALVE/FITTING LEAK OR FAILURE  
**Incident Dt:** //  
**Incident Reason:** EQUIPMENT FAILURE  
**Incident Summary:** SHELL- 4.5 LTR SPILL OF JET FUEL AT UPLANDS AIRPORT  
**MOE Reported Dt:** 8/7/1989  
**Environmental Impact:**  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20101

---

**Site:** SHELL CANADA PRODUCTS LTD.  
TANK TRUCK (CARGO) OTTAWA CITY ON

**Database:**  
**SPL**

**Ref No:** 8471  
**Contaminant Code:**

**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** ABOVE-GROUND TANK LEAK  
**Incident Dt:** 8/22/1988  
**Incident Reason:** ERROR  
**Incident Summary:** UPLANDS AIRPORT - 50 L OF JET FUEL TO PAVEMENT FROM TANK TRUCK.  
**MOE Reported Dt:** 8/22/1988  
**Environmental Impact:**  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20101

---

**Site:** **Shell Canada Products Limited**  
**Shell Canada Ottawa ON**

**Database:**  
**SPL**

**Ref No:** 6267-5M2K7H  
**Contaminant Code:** 12  
**Contaminant Name:** GASOLINE  
**Contaminant Quantity:** 1 L  
**Incident Cause:**  
**Incident Dt:** 4/28/2003  
**Incident Reason:**  
**Incident Summary:** Shell - 1L gasoline  
**MOE Reported Dt:** 4/28/2003  
**Environmental Impact:** Possible  
**Nature of Impact:** Other Impact(s)  
**Receiving Medium:** Land  
**SAC Action Class:** Spills  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** **SHELL CANADA PRODUCTS LTD.**  
**TANK TRUCK (CARGO) OTTAWA CITY ON**

**Database:**  
**SPL**

**Ref No:** 21872  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** PIPE/HOSE LEAK  
**Incident Dt:** 7/11/1989  
**Incident Reason:** EQUIPMENT FAILURE  
**Incident Summary:** SHELL REFUELING VEHICLE- 70 L AVIATION FUEL TO GROUND.  
**MOE Reported Dt:** 7/11/1989  
**Environmental Impact:**  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20101

---

**Site:** **SHELL CANADA PRODUCTS LTD.**  
**TANK TRUCK (CARGO) OTTAWA CITY ON**

**Database:**  
**SPL**

**Ref No:** 16382  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**

**Incident Cause:** VALVE/FITTING LEAK OR FAILURE  
**Incident Dt:** 3/27/1989  
**Incident Reason:** EQUIPMENT FAILURE  
**Incident Summary:** UPLANDS AIRPORT - 20 L OF JET FUEL TO GROUND.  
**MOE Reported Dt:** 3/27/1989  
**Environmental Impact:**  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20101

---

**Site:** Colonel By Dr Ottawa ON

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

**Ref No:** 0872-7U9JD8  
**Contaminant Code:**  
**Contaminant Name:** Operating Fluids  
**Contaminant Quantity:** 0 other - see incident description  
**Incident Cause:** Other Transport Accident  
**Incident Dt:**  
**Incident Reason:** Unknown - Reason not determined  
**Incident Summary:** MVA: op. fluids to Rideau Canal.  
**MOE Reported Dt:** 7/24/2009  
**Environmental Impact:** Confirmed  
**Nature of Impact:** Surface Water Pollution  
**Receiving Medium:**  
**SAC Action Class:** Watercourse Spills  
**Sector Source Type:** Motor Vehicle  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** Colonel By Drive Ottawa ON

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

**Ref No:** 4024-A2TQK9  
**Contaminant Code:** 12  
**Contaminant Name:** GASOLINE  
**Contaminant Quantity:** 1 L  
**Incident Cause:**  
**Incident Dt:** 9/29/2015  
**Incident Reason:** Unknown / N/A  
**Incident Summary:** MVA: gasoline to ground/water, Rideau Canal  
**MOE Reported Dt:** 9/29/2015  
**Environmental Impact:**  
**Nature of Impact:**  
**Receiving Medium:**  
**SAC Action Class:** Highway Spills (usually highway accidents)  
**Sector Source Type:** Miscellaneous Industrial  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** Enbridge Gas Distribution Inc.  
Colonel By Drive building 10, Carleton University Ottawa ON

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

**Ref No:** 7565-ADJP4L  
**Contaminant Code:** 35  
**Contaminant Name:** NATURAL GAS (METHANE)  
**Contaminant Quantity:** 0 n/a  
**Incident Cause:**  
**Incident Dt:** 9/6/2016

**Incident Reason:** Operator/Human Error  
**Incident Summary:** TSSA: Carleton Univ, 1 inch, safe  
**MOE Reported Dt:** 9/6/2016  
**Environmental Impact:**  
**Nature of Impact:**  
**Receiving Medium:**  
**SAC Action Class:** TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill  
**Sector Source Type:** Miscellaneous Industrial  
**Receiving Environment:** Air  
**Incident Event:** Leak/Break  
**Site Municipality:** Ottawa

---

**Site:** **Hawthorne Loop, Hawthorne Road and Hunt Club Road Ottawa ON**

**Database:**  
**SPL**

**Ref No:** 7717-A82GV5  
**Contaminant Code:** 27  
**Contaminant Name:** COOLANT N.O.S.  
**Contaminant Quantity:** 10 L  
**Incident Cause:**  
**Incident Dt:** 2016/03/14  
**Incident Reason:** Equipment Failure  
**Incident Summary:** OC Transpo: 10 L coolant to road, CB, clng  
**MOE Reported Dt:** 2016/03/14  
**Environmental Impact:**  
**Nature of Impact:**  
**Receiving Medium:**  
**SAC Action Class:** Land Spills  
**Sector Source Type:** Miscellaneous Communal  
**Receiving Environment:** Land  
**Incident Event:** Leak/Break  
**Site Municipality:** Ottawa

---

**Site:** **HAWTHORNE RD, JUST SOUTH OF LEITRIM RD.<UNOFFICIAL> Ottawa ON**

**Database:**  
**SPL**

**Ref No:** 6807-62AKB9  
**Contaminant Code:** 15  
**Contaminant Name:** HYDRAULIC OIL  
**Contaminant Quantity:** 10 L  
**Incident Cause:** Other Discharges  
**Incident Dt:** 6/25/2004  
**Incident Reason:** Unknown - Reason not determined  
**Incident Summary:** Lacombe waste-10 L hydraulic oil to rd, cleaning.  
**MOE Reported Dt:** 6/25/2004  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**SAC Action Class:** Spill to Land  
**Sector Source Type:** Other Motor Vehicle  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** **Hawthorne Rd btw Stevenage Dr and Ages Dr Ottawa ON**

**Database:**  
**SPL**

**Ref No:** 4076-8G2SX2  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Quantity:** 250 L  
**Incident Cause:** Other Transport Accident  
**Incident Dt:** 4/18/2011  
**Incident Reason:** Equipment/Vehicles  
**Incident Summary:** Diesel Spill 250L's to rd and cb

---



**MOE Reported Dt:** 4/18/2011  
**Environmental Impact:** Confirmed  
**Nature of Impact:** Surface Water Pollution  
**Receiving Medium:**  
**SAC Action Class:** Watercourse Spills  
**Sector Source Type:** Tank Truck  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** UNKNOWN  
HAWTHORNE RD OTTAWA CITY ON

**Database:**  
SPL

**Ref No:** 142710  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** UNKNOWN  
**Incident Dt:** 6/26/1997  
**Incident Reason:** UNKNOWN  
**Incident Summary:** UNKNOWN SOURCE:50L ACID SPILLED TO MUNICIPAL ROAD.  
**MOE Reported Dt:** 6/26/1997  
**Environmental Impact:** POSSIBLE  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20101

---

**Site:** HWY 417 ONRAMP AT TERRY FOX EXIT<UNOFFICIAL> Ottawa ON

**Database:**  
SPL

**Ref No:** 5448-5KXU3S  
**Contaminant Code:** 15  
**Contaminant Name:** HYDRAULIC OIL  
**Contaminant Quantity:** 68 L  
**Incident Cause:**  
**Incident Dt:** 3/24/2003  
**Incident Reason:**  
**Incident Summary:** Dundas Drilling- 68 L hydr.oil to ditch, cleaning  
**MOE Reported Dt:** 3/24/2003  
**Environmental Impact:** Possible  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**SAC Action Class:** Spill to Land  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** Thermal Shell  
Highway 417 West of Eagleson Rd Ottawa ON

**Database:**  
SPL

**Ref No:** 2847-5NPPU5  
**Contaminant Code:** 13  
**Contaminant Name:** FUEL OIL  
**Contaminant Quantity:**  
**Incident Cause:** Container Leak (Fuel Tank Barrels)  
**Incident Dt:** 6/20/2003  
**Incident Reason:** Unknown - Reason not determined  
**Incident Summary:** Spill:Thermashell truck- 20L of fuel oil to ground  
**MOE Reported Dt:** 6/20/2003  
**Environmental Impact:** Possible

---

**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**SAC Action Class:** Spill to Land  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** Wilway Transport<UNOFFICIAL>  
Highway 417 eastbound, panmure exit(exit 162) MVA - HIGHWAY 417 EASTBOUND AT PANMURE EXIT (EXIT 163)<UNOFFICIAL> Ottawa ON

**Database:**  
**SPL**

**Ref No:** 5853-6SC638  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Quantity:** 50 L  
**Incident Cause:** Other Transport Accident  
**Incident Dt:** 8/3/2006  
**Incident Reason:** Equipment/Vehicles  
**Incident Summary:** MVA: Hwy 417 eastbnd, Panmure exit, diesel to median  
**MOE Reported Dt:** 8/3/2006  
**Environmental Impact:** Confirmed  
**Nature of Impact:** Soil Contamination; Vegetation Damage  
**Receiving Medium:** Land  
**SAC Action Class:**  
**Sector Source Type:** Transport Truck  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** Ferguson Fuels<UNOFFICIAL>  
HWY 417 EASTBOUND AT THE EAGLESON OFF RAMP<UNOFFICIAL> Ottawa ON

**Database:**  
**SPL**

**Ref No:** 2342-6QAQYF  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Quantity:** 60 L  
**Incident Cause:** Other Transport Accident  
**Incident Dt:** 5/30/2006  
**Incident Reason:**  
**Incident Summary:** Ferguson Fuels ~60 L diesel spill, Hwy 417, Eagleson exit  
**MOE Reported Dt:** 5/30/2006  
**Environmental Impact:** Confirmed  
**Nature of Impact:** Soil Contamination; Surface Water Pollution  
**Receiving Medium:** Land & Water  
**SAC Action Class:**  
**Sector Source Type:** Other Motor Vehicle  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** TRANSPORT TRUCK  
HWY # 417 AT ROCHESTER EXIT. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

**Database:**  
**SPL**

**Ref No:** 172543  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** OTHER CONTAINER LEAK  
**Incident Dt:** 9/10/1999  
**Incident Reason:** ADVERSE ROAD CONDITION  
**Incident Summary:** PROVIGO DISTRIBUTION-20 LDIESEL FROM TRUCK AT HWY EXIT,FD, WILL CLEANUP.  
**MOE Reported Dt:** 9/10/1999  
**Environmental Impact:** NOT ANTICIPATED  
**Nature of Impact:**

Receiving Medium: LAND  
SAC Action Class:  
Sector Source Type:  
Receiving Environment:  
Incident Event:  
Site Municipality: 20101

---

**Site:** TRANSPORT TRUCK  
HWY 417 AT MILE MARKER 5, EASTBOUND MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

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

Ref No: 233267  
Contaminant Code:  
Contaminant Name:  
Contaminant Quantity:  
Incident Cause: OTHER TRANSPORTATION ACCIDENT  
Incident Dt: 7/25/2002  
Incident Reason: UNKNOWN  
Incident Summary: BELFAST FRUIT INC. MVA PUT TRUCK IN DITCH. DIE-SEL FROM SADDLE TANKS.  
MOE Reported Dt: 7/25/2002  
Environmental Impact: POSSIBLE  
Nature of Impact: Soil contamination  
Receiving Medium: LAND  
SAC Action Class:  
Sector Source Type:  
Receiving Environment:  
Incident Event:  
Site Municipality: 20107

---

**Site:** Sita Ontario Inc.  
Highway 417(westbound) and Moodie Drive ramp Ottawa ON

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

Ref No: 4124-6DJQGX  
Contaminant Code:  
Contaminant Name: DIESEL FUEL  
Contaminant Quantity:  
Incident Cause: Other Transport Accident  
Incident Dt: 6/20/2005  
Incident Reason:  
Incident Summary: MVA: SITA Can.: 50 L diesel to Hwy 417/Moodie Dr.  
MOE Reported Dt: 6/20/2005  
Environmental Impact: Not Anticipated  
Nature of Impact: Soil Contamination  
Receiving Medium: Land  
SAC Action Class: Spills to Highways (usually highway accidents)  
Sector Source Type: Transport Truck  
Receiving Environment:  
Incident Event:  
Site Municipality: Ottawa

---

**Site:** Waste Management Inc.  
HWY 417 EASTBOUND, ST. LAURENT EXIT (115)<UNOFFICIAL> Ottawa ON

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

Ref No: 8781-6L7M7T  
Contaminant Code: 15  
Contaminant Name: HYDRAULIC OIL  
Contaminant Quantity: 200 L  
Incident Cause:  
Incident Dt: 1/19/2006  
Incident Reason:  
Incident Summary: HWY 417: garbage truck fire, 45 gal hyd. oil to road  
MOE Reported Dt: 1/19/2006  
Environmental Impact: Not Anticipated  
Nature of Impact: Soil Contamination  
Receiving Medium: Land  
SAC Action Class:

**Sector Source Type:** Other Motor Vehicle  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** City of Ottawa  
Highway 417 Ottawa ON

**Database:**  
**SPL**

**Ref No:** 3043-7QMTYH  
**Contaminant Code:**  
**Contaminant Name:** ENGINE OIL  
**Contaminant Quantity:** 10 L  
**Incident Cause:** Pipe Or Hose Leak  
**Incident Dt:**  
**Incident Reason:** Unknown - Reason not determined  
**Incident Summary:** OC Transpo: 10L engine oil to grnd on Hwy 417  
**MOE Reported Dt:** 3/30/2009  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:** Other Impact(s)  
**Receiving Medium:**  
**SAC Action Class:** Primary Assessment of Incident  
**Sector Source Type:** Other  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** HIGHWAY 417 EASTBOUND, EAST OF ROCKDALE EXIT<UNOFFICIAL> Ottawa ON

**Database:**  
**SPL**

**Ref No:** 2415-6M4SUB  
**Contaminant Code:** 12  
**Contaminant Name:** GASOLINE  
**Contaminant Quantity:** Not specified 12  
**Incident Cause:** Other Transport Accident  
**Incident Dt:** 2/17/2006  
**Incident Reason:** Equipment Failure  
**Incident Summary:** Hwy 417 eastbound, 36 vehicle MVA - operating fluid to grnd  
**MOE Reported Dt:** 2/17/2006  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:** Human Health/Safety; Other Impact(s); Soil Contamination  
**Receiving Medium:** Land  
**SAC Action Class:**  
**Sector Source Type:** Other Motor Vehicle  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** TRANSPORT TRUCK  
HWY. 417 MOTOR VEHICLE (OPERATING FLUID) OTTAWA ON

**Database:**  
**SPL**

**Ref No:** 191523  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** TRUCK/TRAILER OVERTURN  
**Incident Dt:** 12/4/2000  
**Incident Reason:** OTHER  
**Incident Summary:** RSR ENVIRONMENTAL:SPILL OF 50-100 L DIESEL DUE TO ROLLOVER. CONTAINED.  
**MOE Reported Dt:** 12/4/2000  
**Environmental Impact:** POSSIBLE  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**



Incident Event:  
Site Municipality: 20107

---

**Site:** TRANSPORT TRUCK  
HWY 417 BETWEEN NICOLAS AND VANIER PARKWAY MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

**Database:**  
SPL

Ref No: 240047  
Contaminant Code:  
Contaminant Name:  
Contaminant Quantity:  
Incident Cause: BLADDER FAILURE  
Incident Dt: 9/20/2002  
Incident Reason: DAMAGE BY MOVING EQUIPMENT  
Incident Summary: MOLSON'S:300L DIESEL TO GRD,50L TO SEWER, CONTAINED AND CLEANING  
MOE Reported Dt: 9/20/2002  
Environmental Impact: POSSIBLE  
Nature of Impact: Water course or lake  
Receiving Medium: LAND, WATER  
SAC Action Class:  
Sector Source Type:  
Receiving Environment:  
Incident Event:  
Site Municipality: 20107

---

**Site:** LECLAIR FUELS LTD.  
HWY 417 BTWN INNIS & PKWY TANK TRUCK (CARGO) OTTAWA CITY ON

**Database:**  
SPL

Ref No: 4525  
Contaminant Code:  
Contaminant Name:  
Contaminant Quantity:  
Incident Cause: ABOVE-GROUND TANK LEAK  
Incident Dt: 5/31/1988  
Incident Reason: UNKNOWN  
Incident Summary: 15 LTR. DIESEL TO HWY. FROM TRUCK FUEL TANK.  
MOE Reported Dt: 5/31/1988  
Environmental Impact:  
Nature of Impact:  
Receiving Medium: LAND  
SAC Action Class:  
Sector Source Type:  
Receiving Environment:  
Incident Event:  
Site Municipality: 20101

---

**Site:** CITY OF OTTAWA SNOW PLOW<UNOFFICIAL>  
TERRY FOX DRIVE AT THE HWY. 417 OVERPASS<UNOFFICIAL> Ottawa ON

**Database:**  
SPL

Ref No: 0881-5HS47B  
Contaminant Code: 13  
Contaminant Name: DIESEL FUEL  
Contaminant Quantity: 180 L  
Incident Cause: Container Leak (Fuel Tank Barrels)  
Incident Dt: 1/13/2003  
Incident Reason: Error- Operator error  
Incident Summary: CITY OF OTTAWA - 180 L OF DIESEL FUEL TO GROUND.  
MOE Reported Dt: 1/13/2003  
Environmental Impact: Not Anticipated  
Nature of Impact:  
Receiving Medium: Land  
SAC Action Class: Spill to Land  
Sector Source Type:  
Receiving Environment:  
Incident Event:  
Site Municipality: Ottawa

---

**Site:** Waste Services Inc.  
Highway 417 East bound West of Terry Fox Ottawa ON

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

**Ref No:** 1683-5S3Q8B  
**Contaminant Code:** 15  
**Contaminant Name:** HYDRAULIC OIL  
**Contaminant Quantity:** 60 L  
**Incident Cause:** Other Transport Accident  
**Incident Dt:** 10/6/2003  
**Incident Reason:** Equipment Failure - Malfunction of system components  
**Incident Summary:** Waste Services Inc. - Hydraulic oil spill  
**MOE Reported Dt:** 10/6/2003  
**Environmental Impact:** Possible  
**Nature of Impact:** Soil Contamination; Surface Water Pollution  
**Receiving Medium:** Land & Water  
**SAC Action Class:** Spill to Land  
**Sector Source Type:** Other  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** S. 21(1)(f)  
Hwy 417 E between Vanier Parkway and St. Laurent<UNOFFICIAL> Ottawa ON

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

**Ref No:** 1301-6XAFSY  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Quantity:** 150 L  
**Incident Cause:** Other Transport Accident  
**Incident Dt:**  
**Incident Reason:**  
**Incident Summary:** Andleaur Transp & S. 21(1)(f) - 150 L diesel to Hwy and sewer  
**MOE Reported Dt:** 1/9/2007  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:** Surface Water Pollution  
**Receiving Medium:** Water  
**SAC Action Class:**  
**Sector Source Type:** Other Motor Vehicle  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** 417 EASTBOUND - NICHOLAS ON RAMP<UNOFFICIAL> Ottawa ON

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

**Ref No:** 1151-5R4LZR  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Quantity:** 100 L  
**Incident Cause:** Other Discharges  
**Incident Dt:** 9/5/2003  
**Incident Reason:** Other - Reason not otherwise defined  
**Incident Summary:** Hwy 417 - diesel spill  
**MOE Reported Dt:** 9/5/2003  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:**  
**Receiving Medium:** Land  
**SAC Action Class:**  
**Sector Source Type:** Other  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

**Site:** *Glenview Iron and Steel Ltd.<UNOFFICIAL>  
Hwy 417 - Woodroffe W. Bnd, On-Ramp Ottawa ON*

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

**Ref No:** 0000-5NA2HN  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Quantity:** 50 L  
**Incident Cause:** Other Transport Accident  
**Incident Dt:** 6/6/2003  
**Incident Reason:**  
**Incident Summary:** Ottawa Hwy 417 - MVA, diesel to ditch  
**MOE Reported Dt:** 6/6/2003  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**SAC Action Class:** Spill to Highway (Accident); Spill to Land  
**Sector Source Type:** Transport Truck  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

**Site:** *Hwy 417 at Hurdman Bridge, SW Corner Ottawa ON*

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

**Ref No:** 6747-9RDR6G  
**Contaminant Code:** 13  
**Contaminant Name:** HYDROCARBON LIGHT  
**Contaminant Quantity:** 4 L  
**Incident Cause:** Unknown / N/A  
**Incident Dt:** 2014/12/01  
**Incident Reason:** Unknown / N/A  
**Incident Summary:** Ottawa LRT Project - 4L petroleum to grd, cleaning  
**MOE Reported Dt:** 2014/12/01  
**Environmental Impact:**  
**Nature of Impact:** Land  
**Receiving Medium:**  
**SAC Action Class:** Land Spills  
**Sector Source Type:** Unknown / N/A  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

**Site:** *Drain-All Ltd.  
Hwy 417 Westbound near Carling off-ramp Ottawa ON*

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

**Ref No:** 6127-8K6T47  
**Contaminant Code:** 15  
**Contaminant Name:** MOTOR OIL  
**Contaminant Quantity:** 10 L  
**Incident Cause:** Pipe Or Hose Leak  
**Incident Dt:** 7/27/2011  
**Incident Reason:** Equipment/Vehicles  
**Incident Summary:** 10 L's of motor oil to Queensway, cleaned  
**MOE Reported Dt:** 7/27/2011  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:**  
**Receiving Medium:**  
**SAC Action Class:** Highway Spills (usually highway accidents)  
**Sector Source Type:** Motor Vehicle  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

**Site:**

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

**central transit way adjacent to hwy 417 between nicholas ave and lees ave Ottawa ON**

**Ref No:** 8444-9FTKCZ  
**Contaminant Code:** 99  
**Contaminant Name:** WATER  
**Contaminant Quantity:** 200 L  
**Incident Cause:** Unknown / N/A  
**Incident Dt:** 2014/01/29  
**Incident Reason:** Unknown / N/A  
**Incident Summary:** RW Tomlinson: Dewatering to CB,  
**MOE Reported Dt:** 2014/01/29  
**Environmental Impact:** Confirmed  
**Nature of Impact:** Surface Water Pollution  
**Receiving Medium:**  
**SAC Action Class:** Land Spills  
**Sector Source Type:** Unknown / N/A  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** Tomlinson Environmental Services Ltd.; SNC-Lavalin Constructors (Pacific) Inc  
Highway 417 at Hurdman Bridge Ottawa ON

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

**Ref No:** 1322-9K2JFE  
**Contaminant Code:** 41  
**Contaminant Name:** WATER/SEDIMENT  
**Contaminant Quantity:** 5 L  
**Incident Cause:** Leak/Break  
**Incident Dt:** 2014/05/07  
**Incident Reason:** Unknown / N/A  
**Incident Summary:** OLRT: Spill of Concrete Drilling Fluid to Hwy 417 CB  
**MOE Reported Dt:** 2014/05/12  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:** Surface Water Pollution  
**Receiving Medium:**  
**SAC Action Class:** Watercourse Spills  
**Sector Source Type:** Drilling Operation  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** Hwy 417 to the corner of Rideau and King Edward Ottawa ON

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

**Ref No:** 5750-74BMWG  
**Contaminant Code:** 15  
**Contaminant Name:** OIL (PETROLEUM BASED, NOT SPECIFIED)  
**Contaminant Quantity:** 50 L  
**Incident Cause:** Unknown  
**Incident Dt:**  
**Incident Reason:** Unknown - Reason not determined  
**Incident Summary:** UnknTransport Truck: 50L Oil to Road, CIn  
**MOE Reported Dt:** 6/19/2007  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:** Other Impact(s)  
**Receiving Medium:** Land  
**SAC Action Class:**  
**Sector Source Type:** Transport Truck  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** Enbridge Gas Distribution Inc.  
HWY 417 at Vars Bridge Ottawa ON

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



**Ref No:** 6748-7X7R4U  
**Contaminant Code:** 46  
**Contaminant Name:** USED MOTOR OIL  
**Contaminant Quantity:** 30 L  
**Incident Cause:**  
**Incident Dt:**  
**Incident Reason:**  
**Incident Summary:** Motor Vehicle-30 L Used Motor Oil to Hwy 417.  
**MOE Reported Dt:** 10/26/2009  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:**  
**Receiving Medium:**  
**SAC Action Class:** Highway Spills (usually highway accidents)  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:**

---

**Site:** **City of Ottawa**  
**Hwy 417 West bound, between the Carling Ave Exit and the Maitland Exit Ottawa ON**

**Database:**  
**SPL**

**Ref No:** 5074-6J2RLX  
**Contaminant Code:**  
**Contaminant Name:** ETHYLENE GLYCOL (ANTIFREEZE)  
**Contaminant Quantity:**  
**Incident Cause:** Pipe Or Hose Leak  
**Incident Dt:** 11/11/2005  
**Incident Reason:** Unknown - Reason not determined  
**Incident Summary:** OC Transpo (Ottawa): 20L antifreeze to grnd, clng  
**MOE Reported Dt:** 11/11/2005  
**Environmental Impact:** Confirmed  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**SAC Action Class:** Land Spills  
**Sector Source Type:** Other Motor Vehicle  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** **Hwy 417 Under Overpass @ Castlefrank Road Ottawa ON**

**Database:**  
**SPL**

**Ref No:** 7705-67XN2B  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Quantity:**  
**Incident Cause:** Other Transport Accident  
**Incident Dt:** 12/22/2004  
**Incident Reason:** Weather  
**Incident Summary:** MVA: 200L diesel to Ditch  
**MOE Reported Dt:** 12/23/2004  
**Environmental Impact:** Confirmed  
**Nature of Impact:** Groundwater Pollution; Other Impact(s); Soil Contamination; Surface Water Pollution  
**Receiving Medium:** Land & Water  
**SAC Action Class:**  
**Sector Source Type:** Transport Truck  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** **Unisource Canada, Inc.**  
**HWY 417-West near Km 117 on the Vanier Prk Way, Ottawa ON**

**Database:**  
**SPL**

**Ref No:** 5066-7B6KDT  
**Contaminant Code:** 13

**Contaminant Name:** DIESEL FUEL  
**Contaminant Quantity:** 250 L  
**Incident Cause:** Other Transport Accident  
**Incident Dt:**  
**Incident Reason:** Unknown - Reason not determined  
**Incident Summary:** TT MVA- >250L diesel HWY 417 W/ Drain-all to clean up spill.  
**MOE Reported Dt:** 1/24/2008  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:**  
**Receiving Medium:**  
**SAC Action Class:** Highway Spills (usually highway accidents)  
**Sector Source Type:** Transport Truck  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** Purolator Courier Ltd.  
Hwy 417 Eastbound @ Mile Marker 180 Ottawa ON

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

**Ref No:** 8553-8S9HPE  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Quantity:**  
**Incident Cause:** Other Transport Accident  
**Incident Dt:** 10-MAR-12  
**Incident Reason:** Spill  
**Incident Summary:** TT Accident: 300L to grnd  
**MOE Reported Dt:** 10-MAR-12  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:** Other Impact(s); Soil Contamination  
**Receiving Medium:** Sewage - Municipal/Private and Commercial  
**SAC Action Class:** Land Spills  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** 417 eastbound, east of exit 104 Ottawa ON

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

**Ref No:** 2172-9F4M4N  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Quantity:** 100 L  
**Incident Cause:** Leak/Break  
**Incident Dt:** 2014/01/06  
**Incident Reason:** Weather Conditions  
**Incident Summary:** Day & Ross: diesel on Hwy 417 exit 104  
**MOE Reported Dt:** 2014/01/06  
**Environmental Impact:** Confirmed  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:**  
**SAC Action Class:** Land Spills  
**Sector Source Type:** Motor Vehicle  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** Ottawa LRT <UNOFFICIAL>  
Hwy 417 near Lees Avenue Ottawa ON

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

**Ref No:** 0640-9MYHCJ  
**Contaminant Code:** 15  
**Contaminant Name:** HYDRAULIC OIL  
**Contaminant Quantity:** 15 L

**Incident Cause:** Leak/Break  
**Incident Dt:** 2014/08/07  
**Incident Reason:** Equipment Failure  
**Incident Summary:** Ottawa LRT: late report of hyd oil spill to grnd  
**MOE Reported Dt:** 2014/08/14  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:**  
**SAC Action Class:** Land Spills  
**Sector Source Type:** Pipeline/Components  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** **Penske Truck Leasing Canada Inc.**  
**Hwy 417 east, at exit 88, Vars Ottawa ON**

**Database:**  
**SPL**

**Ref No:** 5218-5LGE4L  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Quantity:** 100 L  
**Incident Cause:**  
**Incident Dt:** 4/10/2003  
**Incident Reason:**  
**Incident Summary:** Summit Food: truck diesel to shoulder. contained  
**MOE Reported Dt:** 4/10/2003  
**Environmental Impact:** Possible  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**SAC Action Class:** Spill to Highway (Accident)  
**Sector Source Type:** Transport Truck  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** **Transport BUSA<UNOFFICIAL>**  
**Hwy 417 East Bound, km 66 Ottawa ON**

**Database:**  
**SPL**

**Ref No:** 0545-9ZJKM4  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Quantity:** 300 L  
**Incident Cause:**  
**Incident Dt:** 8/19/2015  
**Incident Reason:** Equipment Failure  
**Incident Summary:** HWY 417 TT - 300L fuel to ditch.  
**MOE Reported Dt:** 8/19/2015  
**Environmental Impact:**  
**Nature of Impact:**  
**Receiving Medium:**  
**SAC Action Class:** Land Spills  
**Sector Source Type:** Miscellaneous Communal  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** **Enbridge Gas Distribution Inc.**  
**Main St Ottawa ON**

**Database:**  
**SPL**

**Ref No:** 2717-A3VHU6  
**Contaminant Code:** 35  
**Contaminant Name:** NATURAL GAS (METHANE)  
**Contaminant Quantity:** 1 other - see incident description  
**Incident Cause:**  
**Incident Dt:** 10/30/2015

**Incident Reason:** Operator/Human Error  
**Incident Summary:** TSSA FSB: 1 in IP pl service dmgd, made safe  
**MOE Reported Dt:** 11/2/2015  
**Environmental Impact:**  
**Nature of Impact:**  
**Receiving Medium:**  
**SAC Action Class:** TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill  
**Sector Source Type:** Miscellaneous Industrial  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

---

**Site:** **POWELL FUELS**  
**RIDEAU VALLEY MIDDLE SCHOOL, MAIN ST., KARS TANK TRUCK (CARGO) OTTAWA-CARLETON R.M. ON**

**Database:**  
**SPL**

**Ref No:** 44507  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** PIPE/HOSE LEAK  
**Incident Dt:** 12/11/1990  
**Incident Reason:** ERROR  
**Incident Summary:** POWELL FUELS -100 L. FURNACE OIL TO ASPHALT, CLEANED UP.  
**MOE Reported Dt:** 12/11/1990  
**Environmental Impact:** NOT ANTICIPATED  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20000

---

**Site:** **UNKNOWN**  
**INTERSECTION OF MAIN ST. AND POOL CREEK OTTAWA CITY ON**

**Database:**  
**SPL**

**Ref No:** 224470  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** UNKNOWN  
**Incident Dt:** 4/29/2002  
**Incident Reason:** UNKNOWN  
**Incident Summary:** UKN: OILY SHEEN ON CREEK FLOWING UNDER MAIN ST. NO ODOUR.  
**MOE Reported Dt:** 4/29/2002  
**Environmental Impact:** POSSIBLE  
**Nature of Impact:** Water course or lake  
**Receiving Medium:** LAND / WATER  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20107

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**Site:** **UNKNOWN**  
**BLAIR STATION AND QUEENSWAY OTTAWA CITY ON**

**Database:**  
**SPL**

**Ref No:** 239018  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** UNKNOWN  
**Incident Dt:** 9/11/2002  
**Incident Reason:** UNKNOWN  
**Incident Summary:** SOURCE UNK: UNK VOLUME OF ANTIFREEZE IN THE STORMSEWER, CLEANING



**MOE Reported Dt:** 9/11/2002  
**Environmental Impact:** POSSIBLE  
**Nature of Impact:** Water course or lake  
**Receiving Medium:** LAND, WATER  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20107

---

**Site:** SHELL CANADA PRODUCTS LTD.  
TANK TRUCK (CARGO) OTTAWA CITY ON

**Database:**  
**SPL**

**Ref No:** 81836  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** PIPE/HOSE LEAK  
**Incident Dt:** 2/14/1993  
**Incident Reason:** ERROR  
**Incident Summary:** SHELL-25L OF JET A-1 FUEL TO GROUND DURING FUELLING CONTAINED, CLEANED UP.  
**MOE Reported Dt:** 2/14/1993  
**Environmental Impact:** NOT ANTICIPATED  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** 20101

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**Site:** Loblaws Company East<UNOFFICIAL>  
Queensway, from Greenbank Exit to 1735 Iris Road (Pine Crest Shopping Centre - in front of IKEA)<UNOFFICIAL>  
Ottawa ON

**Database:**  
**SPL**

**Ref No:** 6833-6H4GWP  
**Contaminant Code:**  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Quantity:**  
**Incident Cause:** Pipe Or Hose Leak  
**Incident Dt:** 10/12/2005  
**Incident Reason:** Unknown - Reason not determined  
**Incident Summary:** Loblaws: 10 to 15 L diesel to road/parking lot  
**MOE Reported Dt:** 10/12/2005  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:**  
**Receiving Medium:** Land  
**SAC Action Class:** Land Spills  
**Sector Source Type:** Other Motor Vehicle  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

## Appendix: Database Descriptions

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

### **Abandoned Aggregate Inventory:**

Provincial

**AGR**

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

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

### **Aggregate Inventory:**

Provincial

**AGR**

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

**Government Publication Date: Up to Sep 2016**

### **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-Nov 2016**

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

Private

**ANDR**

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

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

### **Automobile Wrecking & Supplies:**

Private

**AUWR**

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

**Government Publication Date: Oct 31, 2016**

### **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:** Feb 28, 2017

**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:** Oct 31, 2016

**Compressed Natural Gas Stations:**

Private

CNG

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

**Government Publication Date:** Dec 31, 2012

**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-Jan 2017

**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-Mar 2017

**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-Aug 2015

**Environmental Activity and Sector Registry:**

Provincial

EASR

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

**Government Publication Date:** Oct 2011-Mar 2017

**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-Mar 2017

**Environmental Compliance Approval:**

Provincial

ECA

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

**Government Publication Date: Oct 2011-Mar 2017**

**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 2016**

**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: Feb 28, 2017**

**Federal Convictions:**

Federal

FCON

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

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

**Contaminated Sites on Federal Land:**

Federal

FCS

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

**Government Publication Date: June 2000-Aug 2016**

**Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1964-Sept 2003**



**Fuel Storage Tank:**

Provincial

FST

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

**Government Publication Date: Feb 28, 2017**

**Fuel Storage Tank - Historic:**

Provincial

FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

**Government Publication Date: 1986-Sep 2016**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO<sub>2</sub> eq).

**Government Publication Date: 2013 - Dec 2014**

**TSSA Historic Incidents:**

Provincial

HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

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

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

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

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

**TSSA Incidents:**

Provincial

INC

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

**Government Publication Date: Feb 28, 2017**

**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: Dec 31, 2013**

**Canadian Mine Locations:**

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

**Government Publication Date: 1846-Feb 2016**

**National Analysis of Trends in Emergencies System (NATES):**

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial

NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

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

**National Defense & Canadian Forces Fuel Tanks:**

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

**Government Publication Date: Up to May 2001\***

**National Defense & Canadian Forces Spills:**

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

**Government Publication Date: Mar 1999-Aug 2010**

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

**Government Publication Date: 2001-Apr 2007\***

**National Energy Board Wells:**

Federal

NEBW

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

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

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

Federal

NEES

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

**Government Publication Date: 1974-2003\*****National PCB Inventory:**

Federal

NPCB

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

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

Federal

NPRI

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

**Government Publication Date: 1993-2014****Oil and Gas Wells:**

Private

OGW

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

**Government Publication Date: 1988-Jan 2017****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-Oct 2016****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-Mar 2017****Canadian Pulp and Paper:**

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

**Government Publication Date: 1999, 2002, 2004, 2005, 2009****Parks Canada Fuel Storage Tanks:**

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

**Government Publication Date: 1920-Jan 2005\***

**Pesticide Register:**

Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

**Government Publication Date: 1988-Oct 2016**

**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: Feb 28, 2017**

**National Energy Board Pipeline Incidents:**

Federal PIPELINE INCIDENTS

Locations of pipeline incidents from 2008 to present, made available by the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date: 2008 - Dec 2016**

**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-Mar 2017**

**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-Dec 2016**

**Retail Fuel Storage Tanks:**

Private RST

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

**Government Publication Date: Oct 31, 2016**

**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-Dec 2016**

**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: 1990-2014**

**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-Jan 2015**

**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: Feb 28, 2017**

**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-Mar 2017**

**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: Jun 30, 2016**

# Definitions

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

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

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

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

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

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

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

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

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

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

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

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

City Directory Information Source
Vernon's Ottawa and Area, Ontario, City Directory

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 2011	
Site Listing:	-Paradigm Development -Mini U-Store-It
Adjacent Properties:	
5 Hawthorne Avenue	-Cyco's Inc
25 Hawthorne Avenue	-Redshaw British Auto Care
98 Hawthorne Avenue	-Phat Moose Cycles
163 Echo Drive	-Single Tenant Residential

221 Echo Drive	-Royal Oak -Single Tenant Residential
223 Echo Drive	-Pretoria Bridge Dental
20 Graham Avenue	-Ottawa Catholic School Board
31 Graham Avenue	-Wesley United Church
60 Main Street	-Gordon & McGovern
62 Main Street	-341 Pizza
88 Main Street	-Saint Clement Academy -Riverside Montessori Pre-School -Main St Community Centre -Sandy Hill Community Health Centre -Tancook Bell School
89 Main Street	-Main Cleaners
97 Main Street	-Cuppedia Coffees Teas & Delicacies
99 Main Street	-Sewertech Sewer Service Ltd
107 Main Street	-Calvary Baptist Church -New Testament Assembly



123 Main Street	-Mike Galazka Service Centre Ltd -Residential (three tenants)
144 Main Street	-Address Not Listed
221 Nelson Street	-Multi Unit Medical
5 Pretoria Avenue	-TD Bank Financial Group

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 2006/07	
Site Listing:	-Sookdeo Prem
Adjacent Properties:	
5 Hawthorne Avenue	-Cyco's Inc
25 Hawthorne Avenue	-Redshaw British Auto Care
98 Hawthorne Avenue	-Phat Moose Cycles
163 Echo Drive	-Single Tenant Residential

221 Echo Drive	-Royal Oak -Single Tenant Residential
223 Echo Drive	-Pretoria Bridge Dental
20 Graham Avenue	-Ottawa Catholic School Board
31 Graham Avenue	-Wesley United Church
60 Main Street	-Gordon & McGovern
62 Main Street	-341 Pizza
88 Main Street	-Saint Clement Academy -Riverside Montessori Pre-School -Main St Community Centre -Sandy Hill Community Health Centre -Tancook Bell School
89 Main Street	-Main Cleaners
97 Main Street	-Cuppedia Coffees Teas & Delicacies
99 Main Street	-Sewertech Sewer Service Ltd
107 Main Street	-Calvary Baptist Church -New Testament Assembly

123 Main Street	-Mike Galazka Service Centre Ltd -Residential (three tenants)
144 Main Street	-Address Not Listed
221 Nelson Street	-Multi Unit Medical
5 Pretoria Avenue	-TD Bank Financial Group

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 2000/01	
Site Listing:	-Sookdeo Prem
Adjacent Properties:	
5 Hawthorne Avenue	-Cyco's Inc
25 Hawthorne Avenue	-Redshaw British Auto Care
98 Hawthorne Avenue	-Address Not Listed
163 Echo Drive	-Address Not Listed

221 Echo Drive	-Echo Café -Residential (three tenants)
223 Echo Drive	-Christie Hygiene Services Inc -Single Tenant Residential
20 Graham Avenue	-Address Not Listed
31 Graham Avenue	-Wesley United Church
60 Main Street	-Arena Cote-De-Sable -Gordon Construction
62 Main Street	-341 Pizza
88 Main Street	-Graham Studio Co-Op -Main St Community Centre
89 Main Street	-Main Cleaners
97 Main Street	-Single Tenant Residential
99 Main Street	-Single Tenant Residential
107 Main Street	-Calvary Baptist Church -New Testament Assembly



123 Main Street	-Residential (three tenants)
144 Main Street	-Address Not Listed
221 Nelson Street	-Multi Tenant Medical
5 Pretoria Avenue	-Canada Trust

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1995/96	
Site Listing:	-Address Not Listed
Adjacent Properties:	
5 Hawthorne Avenue	-Capital Bike N Blade
25 Hawthorne Avenue	-Redshaw British Auto Care
98 Hawthorne Avenue	-R R Knott Books
163 Echo Drive	-Attica Auto Centre
221 Echo Drive	-Canal Café -Residential (three tenants)

223 Echo Drive	-Single Tenant Residential
20 Graham Avenue	-Residential (three tenants)
31 Graham Avenue	-Wesley United Church
60 Main Street	-Bigras Granite Enrg -Arena Cote-De-Sable
62 Main Street	-Cafe Ole -Brothers Pizza
88 Main Street	-Main St Community Centre
89 Main Street	-Main Cleaners
97 Main Street	-Genty Realty Corp -Tuscan Contract Services Ltd -Christopher Pallett Interior Design -Villeneuve Michele Design -Julia Brady Design
99 Main Street	-Single Tenant Residential
107 Main Street	-Calvary Baptist Church

123 Main Street	-Residential (three tenants)
144 Main Street	-Address Not Listed
221 Nelson Street	-Multi Tenant Medical
5 Pretoria Avenue	-Canada Trust

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1988/89	
Site Listing:	-Single Tenant Residential
Adjacent Properties:	
5 Hawthorne Avenue	-Canal Cycles -Single Tenant Residential
25 Hawthorne Avenue	-Redshaw British Auto Care
98 Hawthorne Avenue	-Barclay's Books
163 Echo Drive	-Attica Auto Centre
221 Echo Drive	-Canal Café

	-Single Tenant Residential
223 Echo Drive	-Residential (three tenants)
20 Graham Avenue	-Causeway -Single Tenant Residential
31 Graham Avenue	-Wesley United Church
60 Main Street	-Bigras Granite Enrg
62 Main Street	-Sugar Lump Deli
88 Main Street	-Main St Community Centre
89 Main Street	-Betty Brite Cleaners
97 Main Street	-Single Tenant Residential
99 Main Street	-Single Tenant Residential
107 Main Street	-Calvary Baptist Church
123 Main Street	-Single Tenant Residential
144 Main Street	-Address Not Listed



221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Canada Trust

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1984	
Site Listing:	-Vacant
Adjacent Properties:	
5 Hawthorne Avenue	-Chairing Cross -Single Tenant Residential
25 Hawthorne Avenue	-Redshaw British Auto Care
98 Hawthorne Avenue	-Benson Ken Books & Antiques
163 Echo Drive	-Ottawa Revue
221 Echo Drive	-Single Tenant Residential
223 Echo Drive	-Single Tenant Residential
20 Graham Avenue	-Canadian Martyrs Separate School

31 Graham Avenue	-Wesley United Church
60 Main Street	-Bigras Granite Enrg
62 Main Street	-Spie Kitchen
88 Main Street	-De Mazenod Separate School
89 Main Street	-Betty Brite Cleaners
97 Main Street	-Single Tenant Residential
99 Main Street	-Address Not Listed
107 Main Street	-Calvary Baptist Church
123 Main Street	-Single Tenant Residential
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario

Year: 1979	
Site Listing:	-Single Tenant Residential
Adjacent Properties:	
5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Redshaw British Auto Care
98 Hawthorne Avenue	-Benson Ken Books & Antiques
163 Echo Drive	-Ottawa Revue -Attica Auto Centre
221 Echo Drive	-Café Au Pigeon Bleu -Single Tenant Residential
223 Echo Drive	-Single Tenant Residential
20 Graham Avenue	-Canadian Martyrs Separate School -Penguin Theatre Co
31 Graham Avenue	-Wesley United Church
60 Main Street	-Monuments Todoro & Bigras Ltd

62 Main Street	-Vacant
88 Main Street	-De Mazenod Separate School
89 Main Street	-Betty Brite Cleaners
97 Main Street	-Single Tenant Residential
99 Main Street	-Harmony Woodcrafts
107 Main Street	-Calvary Baptist Church
123 Main Street	-Single Tenant Residential
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1974	
Site Listing:	-No Return



Adjacent Properties:	
5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Redshaw British Auto Care
98 Hawthorne Avenue	-Rosedale Pharmacy
163 Echo Drive	-Kern Instruments Inc
221 Echo Drive	-Café Au Pigeon Bleu -Single Tenant Residential
223 Echo Drive	-Single Tenant Residential
20 Graham Avenue	-Canadian Martyrs Separate School
31 Graham Avenue	-Wesley United Church
60 Main Street	-Monuments Todor & Bigras Ltd
62 Main Street	-The Main Event
88 Main Street	-De Mazenod Separate School
89 Main Street	-Betty Brite Cleaners

97 Main Street	-Single Tenant Residential
99 Main Street	-Smith R and Associate Printers Ltd
107 Main Street	-Calvary Baptist Church
123 Main Street	-Single Tenant Residential
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1969	
Site Listing:	-Single Tenant Residential
Adjacent Properties:	
5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Dan Robitaille Body Shop

98 Hawthorne Avenue	-Rosedale Pharmacy
163 Echo Drive	-Ottawa Transportation Co
221 Echo Drive	-Roger's Drug Store -Ottawa East Post Office
223 Echo Drive	-Residential (three tenants)
20 Graham Avenue	-Canadian Martyrs Separate School
31 Graham Avenue	-Wesley United Church
60 Main Street	-Monuments Todor & Bigras Ltd
62 Main Street	-Boutique Janyne
88 Main Street	-De Mazenod Separate School
89 Main Street	-Address Not Listed
97 Main Street	-Single Tenant Residential
99 Main Street	-Single Tenant Residential
107 Main Street	-Calvary Baptist Church

123 Main Street	-Single Tenant Residential
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1965	
Site Listing:	-Single Tenant Residential
Adjacent Properties:	
5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Pretoria Body & Paint Shop
98 Hawthorne Avenue	-Rosedale Pharmacy
163 Echo Drive	-Address Not Listed
221 Echo Drive	-Roger's Drug Store



	-Ottawa East Post Office
223 Echo Drive	-Residential (three tenants)
20 Graham Avenue	-Canadian Martyrs Separate School
31 Graham Avenue	-Wesley United Church
60 Main Street	-Vacant
62 Main Street	-Spic & Span Cleaners
88 Main Street	-De Mazenod Separate School
89 Main Street	-Address Not Listed
97 Main Street	-Single Tenant Residential
99 Main Street	-Single Tenant Residential
107 Main Street	-Calvary Baptist Church
123 Main Street	-Single Tenant Residential
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed

5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1960	
Site Listing:	-Single Tenant Residential
Adjacent Properties:	
5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Aldion Motors
98 Hawthorne Avenue	-Rosedale Pharmacy
163 Echo Drive	-Canus Equipment Ltd
221 Echo Drive	-Roger's Drug Store -Ottawa East Post Office
223 Echo Drive	-Residential (three tenants)
20 Graham Avenue	-Address Not Listed

31 Graham Avenue	-Address Not Listed
60 Main Street	-Fred's B P Service Station
62 Main Street	-Ottawa East Groceteria
88 Main Street	-De Mazenod Separate School
89 Main Street	-Address Not Listed
97 Main Street	-Single Tenant Residential
99 Main Street	-Single Tenant Residential
107 Main Street	-Calvary Baptist Church
123 Main Street	-Single Tenant Residential
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario

Year: 1955	
Site Listing:	-Single Tenant Residential
Adjacent Properties:	
5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Aldion Motors
98 Hawthorne Avenue	-Rosedale Pharmacy
163 Echo Drive	-Address Not Listed
221 Echo Drive	-Roger's Drug Store -Ottawa East Post Office
223 Echo Drive	-Residential (three tenants)
20 Graham Avenue	-Address Not Listed
31 Graham Avenue	-Address Not Listed
60 Main Street	-Clarey Walter J serv stn
62 Main Street	-Sominion Stores Ltd



88 Main Street	-De Mazenod Separate School
89 Main Street	-Address Not Listed
97 Main Street	-Single Tenant Residential
99 Main Street	-Single Tenant Residential
107 Main Street	-Calvary Baptist Church
123 Main Street	-Single Tenant Residential
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1950	
Site Listing:	-Single Tenant Residential
Adjacent Properties:	

5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Hawthorne Motors -Morrison Taxi Service
98 Hawthorne Avenue	-Rosedale Pharmacy
163 Echo Drive	-Address Not Listed
221 Echo Drive	-Roger's Drug Store -Ottawa East Post Office
223 Echo Drive	-Residential (three tenants)
20 Graham Avenue	-Address Not Listed
31 Graham Avenue	-Address Not Listed
60 Main Street	-Henderson Dave J serv stn
62 Main Street	-Sominion Stores Ltd
88 Main Street	-De Mazenod Separate School
89 Main Street	-Address Not Listed
97 Main Street	-Single Tenant Residential

99 Main Street	-Single Tenant Residential
107 Main Street	-Calvary Baptist Church
123 Main Street	-Single Tenant Residential
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1945	
Site Listing:	-Single Tenant Residential
Adjacent Properties:	
5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Address Not Listed
98 Hawthorne Avenue	-Rosedale Pharmacy

163 Echo Drive	-Single Tenant Residential
221 Echo Drive	-Single Tenant Residential
223 Echo Drive	-Single Tenant Residential
20 Graham Avenue	-Address Not Listed
31 Graham Avenue	-Address Not Listed
60 Main Street	-Cleary Walter serv stn
62 Main Street	-Dominion Stores Ltd
88 Main Street	-De Mazenod Separate School
89 Main Street	-Address Not Listed
97 Main Street	-Single Tenant Residential
99 Main Street	-Single Tenant Residential
107 Main Street	-Calvary Baptist Church
123 Main Street	-Single Tenant Residential



144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1940	
Site Listing:	-Address Not Listed
Adjacent Properties:	
5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Address Not Listed
98 Hawthorne Avenue	-Rosedale Pharmacy
163 Echo Drive	-Single Tenant Residential
221 Echo Drive	-Single Tenant Residential
223 Echo Drive	-Single Tenant Residential

20 Graham Avenue	-Address Not Listed
31 Graham Avenue	-Address Not Listed
60 Main Street	-Bowden Fred A serv stn
62 Main Street	-Dominion Stores Ltd
88 Main Street	-De Mazenod Separate School
89 Main Street	-Address Not Listed
97 Main Street	-Single Tenant Residential
99 Main Street	-Single Tenant Residential
107 Main Street	-Calvary Baptist Church
123 Main Street	-Single Tenant Residential
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
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Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1935	
Site Listing:	-Address Not Listed
Adjacent Properties:	
5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Address Not Listed
98 Hawthorne Avenue	-Rosedale Pharmacy
163 Echo Drive	-Single Tenant Residential
221 Echo Drive	-Single Tenant Residential
223 Echo Drive	-Single Tenant Residential
20 Graham Avenue	-Address Not Listed
31 Graham Avenue	-Address Not Listed
60 Main Street	-Sun Oil Co Ltd
62 Main Street	-Dominion Stores Ltd

88 Main Street	-De Mazenod Separate School
89 Main Street	-Address Not Listed
97 Main Street	-Single Tenant Residential
99 Main Street	-Single Tenant Residential
107 Main Street	-Calvary Baptist Church
123 Main Street	-Single Tenant Residential
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1930	
Site Listing:	-Address Not Listed
Adjacent Properties:	



5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Address Not Listed
98 Hawthorne Avenue	-Hawthorne Confectionary
163 Echo Drive	-Single Tenant Residential
221 Echo Drive	-Ottawa East Post Office
223 Echo Drive	-Single Tenant Residential
20 Graham Avenue	-Address Not Listed
31 Graham Avenue	-Address Not Listed
60 Main Street	-Address Not Listed
62 Main Street	-Dominion Stores Ltd
88 Main Street	-De Mazenod Separate School
89 Main Street	-Address Not Listed
97 Main Street	-Single Tenant Residential

99 Main Street	-Single Tenant Residential
107 Main Street	-Calvary Baptist Church
123 Main Street	-Single Tenant Residential
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1924	
Site Listing:	-Address Not Listed
Adjacent Properties:	
5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Address Not Listed
98 Hawthorne Avenue	-Hawthorne Confectionary

163 Echo Drive	-Single Tenant Residential
221 Echo Drive	-Ottawa East Post Office
223 Echo Drive	-Single Tenant Residential
20 Graham Avenue	-Address Not Listed
31 Graham Avenue	-Address Not Listed
60 Main Street	-Address Not Listed
62 Main Street	-Dominion Stores Ltd
88 Main Street	-De Mazenod Separate School
89 Main Street	-Address Not Listed
97 Main Street	-Single Tenant Residential
99 Main Street	-Single Tenant Residential
107 Main Street	-Calvary Baptist Church
123 Main Street	-Single Tenant Residential
144 Main Street	-Address Not Listed

221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1920	
Site Listing:	-Address Not Listed
Adjacent Properties:	
5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Address Not Listed
98 Hawthorne Avenue	-Hawthorne Confectionary
163 Echo Drive	-Single Tenant Residential
221 Echo Drive	-Ottawa East Post Office
223 Echo Drive	-Single Tenant Residential
20 Graham Avenue	-Address Not Listed



31 Graham Avenue	-Address Not Listed
60 Main Street	-Address Not Listed
62 Main Street	-Dominion Stores Ltd
88 Main Street	-De Mazenod Separate School
89 Main Street	-Address Not Listed
97 Main Street	-Single Tenant Residential
99 Main Street	-Single Tenant Residential
107 Main Street	-Calvary Baptist Church
123 Main Street	-Single Tenant Residential
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario

Year: 1915	
Site Listing:	-Address Not Listed
Adjacent Properties:	
5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Address Not Listed
98 Hawthorne Avenue	-Address Not Listed
163 Echo Drive	-Single Tenant Residential
221 Echo Drive	-Ottawa East Post Office
223 Echo Drive	-Single Tenant Residential
20 Graham Avenue	-Address Not Listed
31 Graham Avenue	-Address Not Listed
60 Main Street	-Address Not Listed
62 Main Street	-Address Not Listed

88 Main Street	-Single Tenant Residential
89 Main Street	-Address Not Listed
97 Main Street	-Single Tenant Residential
99 Main Street	-Single Tenant Residential
107 Main Street	-Baptist Mission Hall
123 Main Street	-Address Not Listed
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1910	
Site Listing:	-Address Not Listed
Adjacent Properties:	

5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Address Not Listed
98 Hawthorne Avenue	-Address Not Listed
163 Echo Drive	-Single Tenant Residential
221 Echo Drive	-Single Tenant Residential
223 Echo Drive	-Single Tenant Residential
20 Graham Avenue	-Address Not Listed
31 Graham Avenue	-Address Not Listed
60 Main Street	-Address Not Listed
62 Main Street	-Address Not Listed
88 Main Street	-Single Tenant Residential
89 Main Street	-Address Not Listed
97 Main Street	-Single Tenant Residential
99 Main Street	-Single Tenant Residential

107 Main Street	-Baptist Mission Hall
123 Main Street	-Address Not Listed
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1905	
Site Listing:	-Address Not Listed
Adjacent Properties:	
5 Hawthorne Avenue	-Single Tenant Residential
25 Hawthorne Avenue	-Address Not Listed
98 Hawthorne Avenue	-Address Not Listed
163 Echo Drive	-Single Tenant Residential



221 Echo Drive	-Single Tenant Residential
223 Echo Drive	-Single Tenant Residential
20 Graham Avenue	-Address Not Listed
31 Graham Avenue	-Address Not Listed
60 Main Street	-Address Not Listed
62 Main Street	-Address Not Listed
88 Main Street	-Single Tenant Residential
89 Main Street	-Address Not Listed
97 Main Street	-Single Tenant Residential
99 Main Street	-Single Tenant Residential
107 Main Street	-Baptist Mission Hall
123 Main Street	-Address Not Listed
144 Main Street	-Address Not Listed

221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-Address Not Listed

PROJECT NUMBER: 20170410149	
Site Address:	24 Hawthorne Avenue, Ottawa, Ontario
Year: 1900	
Site Listing:	-Address Not Listed
Adjacent Properties:	
5 Hawthorne Avenue	-Address Not Listed
25 Hawthorne Avenue	-Address Not Listed
98 Hawthorne Avenue	-Address Not Listed
163 Echo Drive	-Address Not Listed
221 Echo Drive	-Address Not Listed
223 Echo Drive	-Address Not Listed
20 Graham Avenue	-Address Not Listed

31 Graham Avenue	-Address Not Listed
60 Main Street	-Address Not Listed
62 Main Street	-Address Not Listed
88 Main Street	-Address Not Listed
89 Main Street	-Address Not Listed
97 Main Street	-Address Not Listed
99 Main Street	-Address Not Listed
107 Main Street	-Address Not Listed
123 Main Street	-Address Not Listed
144 Main Street	-Address Not Listed
221 Nelson Street	-Address Not Listed
5 Pretoria Avenue	-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 E SITE PHOTOGRAPHS



Photograph 1. Interior of 24 Hawthorne Ave



Photograph 2. Interior of 24 Hawthorne Ave





Photograph 3. Interior of 24 Hawthorne Ave



Photograph 4. Interior of 24 Hawthorne Ave – electric stove



Photograph 5. Interior of 24 Hawthorne Ave – window-mounted air conditioning unit



Photograph 6. Interior of 24 Hawthorne Ave – kitchen sink



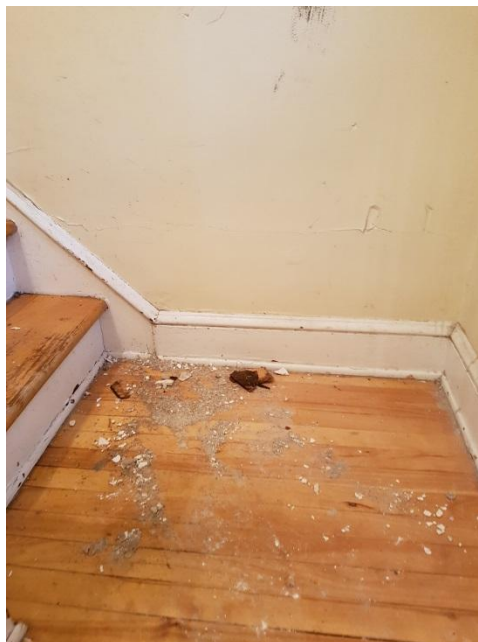
Photograph 7. Interior of 24 Hawthorne Ave – fluorescent lights



Photograph 8. Interior of 24 Hawthorne Ave – entrance from Hawthorne Ave



Photograph 9. Interior of 24 Hawthorne Ave – front staircase to second level



Photograph 10. Interior of 24 Hawthorne Ave – front staircase landing



Photograph 11. Interior of 24 Hawthorne Ave – second floor bathroom



Photograph 12. Interior of 24 Hawthorne Ave – second floor water damage





Photograph 13. Interior of 24 Hawthorne Ave – basement appliances



Photograph 14. Interior of 24 Hawthorne Ave – basement appliances



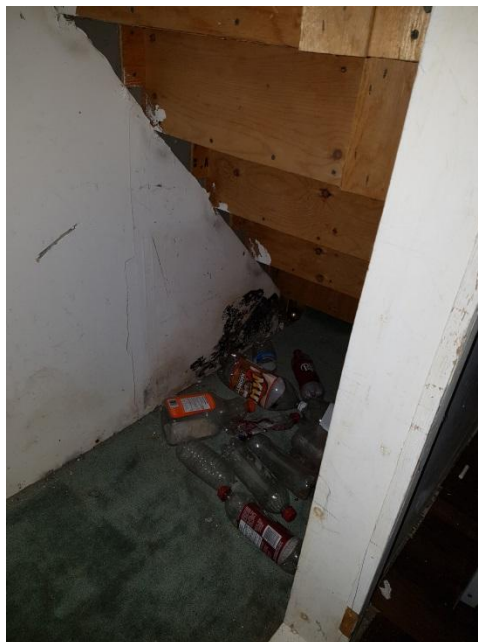
Photograph 15. Interior of 24 Hawthorne Ave – interior of basement ductwork



Photograph 16. Interior of 24 Hawthorne Ave – natural gas-fired furnace in basement



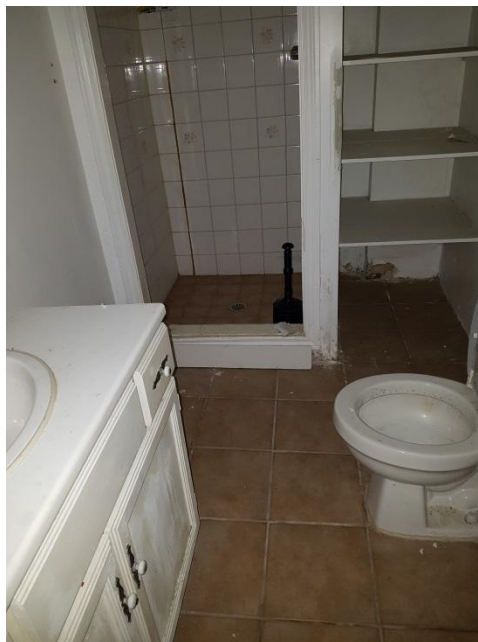
Photograph 17. Interior of 24 Hawthorne Ave – minor storage of paint in basement



Photograph 18. Interior of 24 Hawthorne Ave – view under basement staircase



Photograph 19. Interior of 24 Hawthorne Ave – pipe in basement



Photograph 20. Interior of 24 Hawthorne Ave – basement bathroom



Photograph 21. Exterior of 24 Hawthorne Ave – garage/shop in rear of property, view from back door

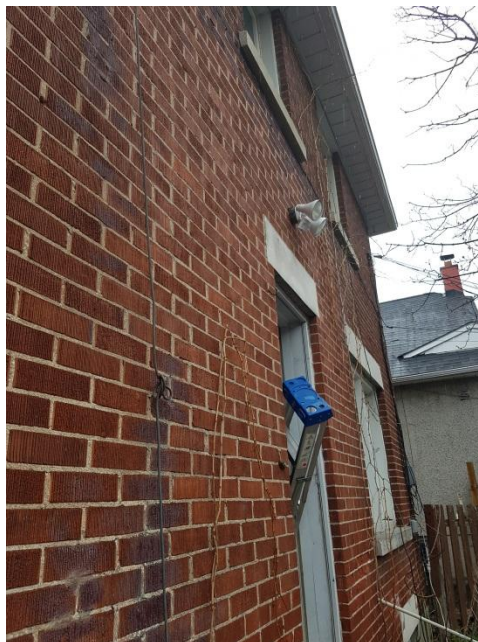


Photograph 22. Exterior of 24 Hawthorne Ave – wood and metal debris pile adjacent to garage/shop





Photograph 23. Exterior of 24 Hawthorne Ave – wood and metal debris, adjacent to garage/shop



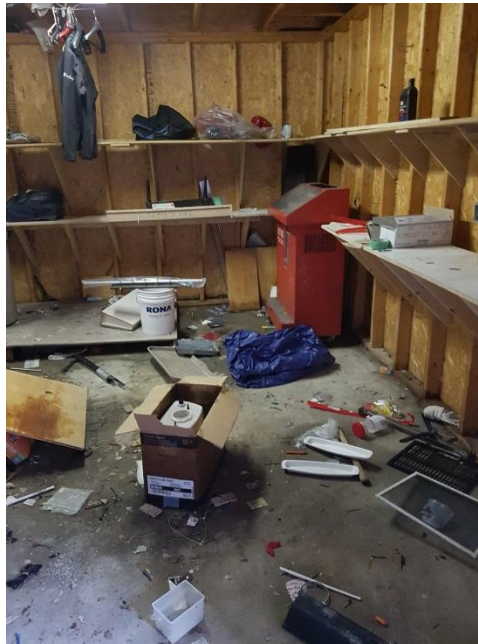
Photograph 24. Exterior of 24 Hawthorne Ave – view of southeast wall of residential structure



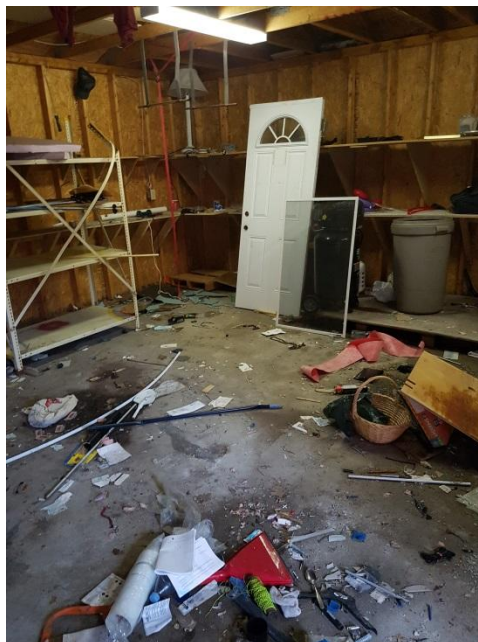
Photograph 25. Exterior of 24 Hawthorne Ave – view of southwest wall of residential structure



Photograph 26. Exterior of 24 Hawthorne Ave – view of north corner of residential structure, from Hawthorne Ave



Photograph 27. Interior of garage/shop – debris and refrigerant refill station



Photograph 28. Interior of garage/shop – debris





Photograph 29. Interior of garage/shop – 50 lb propane cylinder



Photograph 30. Interior of garage/shop – pressurized gas refill station



Photograph 31. Exterior of 24 Hawthorne Ave – view of monitoring well installed by others, along southwest wall of residential structure



Photograph 32. 22 Hawthorne Ave – view of northeast wall from 24 Hawthorne Ave asphalt driveway; possible location of former oil tank (excavation cuttings and monitoring wells present)





Photograph 33. 22 Hawthorne Ave – view along northeast wall from 22/24 Hawthorne Ave property line; possible location of former oil tank (excavation cuttings and monitoring wells present)



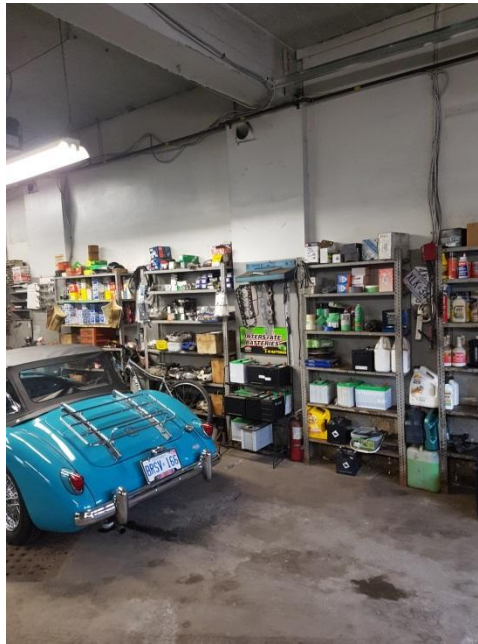
Photograph 34. 22 Hawthorne Ave – view of flushmount monitoring well installed along 22/24 Hawthorne Ave property line, in asphalt driveway



Photograph 35. 22 Hawthorne Ave – view of asphalt driveway, diving 22/24 Hawthorne Ave, with PVC monitoring well at north corner of 22 Hawthorne Ave residential structure



Photograph 36. 25 Hawthorne Ave – Redshaw Auto Care (automobile garage); 17 m north of the Site



Photograph 37. 25 Hawthorne Ave – interior of Redshaw Auto Care



Photograph 38. 25 Hawthorne Ave – interior of Redshaw Auto Care





Photograph 39. Looking northeast along the southeast side of Hawthorne Ave, toward Main St



Photograph 40. Looking northeast along the northwest side of Hawthorne Ave, toward Main St

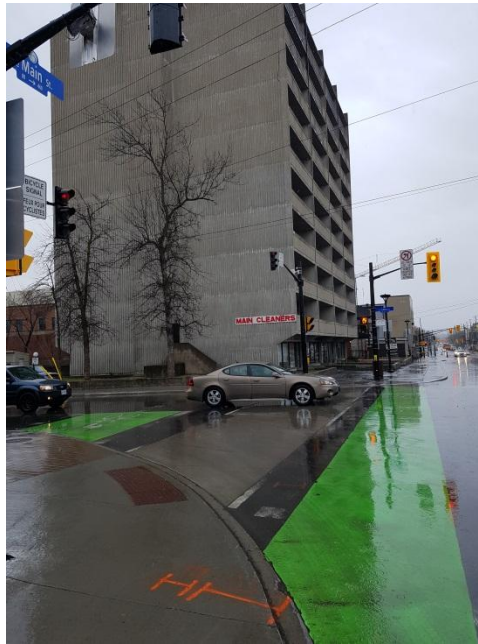


Photograph 41. 60 Main St – view of former service station/fuel outlet (currently a general contracting office); 69 m east of the Site



Photograph 42. Looking southeast along Main St, toward Lees Ave





Photograph 43. High-rise mixed residential/commercial development in Study Area



Photograph 44. View of northwest side of Hawthorne Ave



Photograph 45. 223 Echo Dr – view of southeast corner of Colonel By Dr/Hawthorne Ave



Photograph 46. 20 Graham Dr – view of St. Nicholas Adult High School



Photograph 47. 89 Main St – view of Main Cleaners (dry cleaning operation); 156 m east of the Site

## APPENDIX F

### INTERVIEW AND INSPECTION REPORTS

## Interior Observations

<b>MPCE Project:</b>		<b>24 Hawthorne Ave</b>
<b>MPCE Personnel:</b>		<b>J Bowman</b>
<b>Site: 24 Hawthorne</b>	<b>Area: Yard - front/back and driveway</b>	
<b>Weather: Raining, 7 C, L Wind</b>		
<b>Time of arrival and exit on and off site: 11:50 - 13:45 hr</b>		
<b>Property use/occupancy at time of inspection: Residential, no occupancy</b>		
Stains on walls, floors, and/or ceilings;	Considerable staining; likely due to water damage and tracked in dirt	
Indoor Air Quality	Some detection of possible mould/mildew (leaky roof)	
Potential presence of radon gas;	Possible (basement present)	
Floor drains, catch basins, cracks in floors; pits, sumps (where do they discharge)	No indoor drains/pits/etc observed	
Stains and/or corrosion near drains, pits sumps	No indoor drains/pits/etc observed	
Waste storage areas;	No significant indoor storage of waste noted	
Mould on interior building surfaces;	Mould or mould-like substances observed in basement and on second floor ceiling (appears to be associated with water damage)	
Heating, cooling, and ventilation systems;	Natural gas heating, two window shaker AC units	
Generators and other large mechanical equipment	Refrigerant refill station and gas refill station for pressurized gas cannisters observed in shed/garage	
Sources of electromagnetic radiation;	None observed	
Above/underground storage tanks	Small propane tanks only	
Potential ozone depleting substance	Refrigerator, two window shaker AC units, refrigerant refill station for automobile AC (in shed/garage)	
Potential presence of polychlorinated biphenyls (fluorescent lamp ballasts, transformers, hydraulic equipment);	Fluorescent lamp ballasts present in house	
Potential asbestos containing materials	Possible (being tested by CM3 during MP Site visit)	
Potential lead-containing paint	Possible (being tested by CM3 during MP Site visit)	
Potential lead-containing water pipes;	Possible (being tested by CM3 during MP Site visit)	
Potential mercury containing equipment;	None observed	



Potential silica-containing materials	Small bag of cement (shed/garage)
Urea formaldehyde foam insulation	None observed
Inventory of potentially hazardous materials stored on site (swimming pool chemicals, pesticides, fertilizers, batteries)	Minor amounts of paint and household cleaners, small bag of cement, 50 lb propane tanks (appear empty), possibly some gases in refrigerant refill station and/or pressurized tank refill station (shed/garage)
Unidentified substances	None observed

## Exterior Observations

<b>MPCE Project:</b>		<b>24 Hawthorne Ave</b>
<b>MPCE Personnel:</b>		<b>J Bowman</b>
<b>Site: 24 Hawthorne</b>	<b>Area: Yard - front/back and driveway</b>	
<b>Weather: Raining, 7 C, L Wind</b>		
<b>Time of arrival and exit on and off site: 11:50 - 13:45 hr</b>		
<b>Property use/occupancy at time of inspection: Residential, no occupancy</b>		
Topography;	Flat	
Drainage features and hydrogeological conditions;	Drained to Hawthorne Ave, then storm sewers. No pooling observed	
Vegetation; (stressed?)	No stressed vegetation observed	
Soil/rock;	Fill on driveway due to adjacent (22 Hawthorne Ave) excavations near foundation	
Presence of power lines;	In front of house	
Air quality and atmospheric deposition from fuel combustion;	No issues observed	
Noise;	Road noise only	
Septic or wastewater discharges; (details of sewage works)	Municipal hookup	
Potable/non-potable water supply;	Municipal hookup	
Wells on the property; (well details)	Monitoring well observed on/near property (may be straddling property line)	
Fill (potentially contaminated) on the property, debris;	Some fill spilled on driveway on/near property (may be straddling property line)	
Waste disposal areas (solid waste, sewage, pits, lagoons);	Waste disposal/scrap area immediately adjacent to shed/garage. Some debris in shed/garage and house.	
Staining on ground, vegetation, pavement ;	Some staining in shed/garage and in driveway	
Standing structures on the property; (other improvement)	House and shed/garage	
Below ground structures ;	None observed other than basement and assumed service trenches	
Above/underground storage tanks:	None observed - evidence of past oil tank on adjacent house (22 Hawthorne Ave)	

Underground service trenches ;	Assumed to be present
Drains, pits, sumps (where do they discharge)	No outdoor drains/pits/sumps observed
Stains and/or corrosion near drains, pits sumps	No outdoor drains/pits/sumps observed
Current and former railway lines ;	Former CNR Line in area (Hwy 417 corridor)
Potentially contaminating activities ;	None on-site; several in Study Area (garages, cleaners, oil tanks, etc)
Unidentified substances	None observed
Pesticide/fertilizer storage/usage;	None observed
Water bodies on or near site	Rideau Canal near Site
Land use (and actual and/or potential items of environmental concern) on adjacent properties.	Residential (old), commercial (including auto garage across street)

## Phase I ESA Interviews

Interviewer (MPCE): J BowmanInterviewee: Prem SookdeoRelationship to Subject Property: OwnerTime Associated with Property: Mid 1990sDate: 19 Apr 2017

Potential Item of Concern	Interview Comments
Accidents/Spills	<i>None.</i>
Previous Use of Site	<i>Res. (1980) at least</i>
Adjacent Properties	<i>Residential</i>
Fuel Handling/Storage	<i>None. (Always gas furnace)</i>
Maintenance/Operational Areas	<i>None.</i>
Hazardous Materials Storage	<i>Household only (Propane, see p. 15)</i>
Salt Storage	<i>None.</i>

Potential Item of Concern	Interview Comments
Fuel Storage Tanks	None.
Odours	None.
Potable Water	Mun. / no issues.
Septic and Wastewater Discharges	Mun.
Pesticides	None.
Mould	No concerns.
Heating and Cooling Systems	Gas / Window A/C.
Major Mechanical Equipment	None.
Waste Oils, Solvents, Batteries	None.
PCBs	None.
Asbestos	None.
Lead Paint	None.



Potential Item of Concern	Interview Comments
ODS	Fridge, window A/C (2), Ref: 11 Sh.
Electromagnetic Radiation	None.
UFFI	None.
Mercury	None.
Radon Gas	None / Not tested.
Soil and Groundwater Conditions	Tested (chem-verb) adjacent (22 Hour/Baro) No concerns elsewhere.
Wells	None on-site.
Waste Disposal and Recycling	Curbs.
Fill Material	None.
Other	None.

Future use of property:

Residential.