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**Phase I Environmental Site Assessment**

439 Churchill Avenue North  
Ottawa, Ontario

Prepared For

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## **EXECUTIVE SUMMARY**

### **Assessment**

Paterson Group was retained by Grepault Developments Inc. to conduct a Phase I Environmental Site Assessment (ESA) of the property addressed 439 Churchill Avenue North, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the Phase I Property and 250 m Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

The results of the historical research indicate that the subject property was first developed with the existing residential structure as early as 1956. A private garage has been present on the northeastern portion of the Phase I Property since circa 2002. No historical potentially contaminating activities (PCAs) were identified on the Phase I Property.

Historically, the surrounding properties were primarily used for residential and commercial purposes with some institutional land use, since as early as 1925.

Following the historical research, Paterson conducted a site visit and a visual assessment of the properties within the Phase I Study Area. The Phase I Property is currently occupied by a commercial office building and paved parking lot. No PCAs were identified on the Phase I Property at the time of the site visit.

Neighbouring properties are primarily residential with some commercial offices and institutional or community buildings and parkland.

Based on the findings of the Phase I ESA, on and off-site potentially contaminating activities (PCAs) have resulted in areas of potential environmental concern (APECs) on the Phase I Property. These PCAs include on-site fill material, the use of road salt on the property and adjacent Carling Avenue, as well as former off-site underground storage tanks (USTs) at 449-551 Churchill Avenue.

Additional off-site PCAs identified within the 250m study area were not considered to represent APECs on the Phase I Property based on their separation distances and/or orientations relative to the groundwater flow beneath the Phase I Property. Based on our knowledge of the area, the regional groundwater flow direction is towards the northwest; off-site PCAs were identified to the west (cross-gradient) or north (down-gradient) of the Phase I Property.

## **Recommendations**

Based on the findings of the Phase I ESA a Phase II Environmental Site Assessment was recommended and subsequently carried out.

It is our understanding that the subject structure will be renovated in conjunction with future redevelopment. Prior to any renovation activities, a designated substance survey (DSS) must be conducted for the existing structure, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

## 1.0 INTRODUCTION

At the request of Grepault Developments Inc., Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (Phase I ESA) for the property addressed 439 Churchill Avenue North, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject property, herein referred to as the Phase I Property.

Paterson was engaged to conduct this Phase I ESA by Ms. Isabelle Depault with Grepault Developments Inc. Ms. Depault can be reached by telephone at (613) 818-9810.

This report has been prepared specifically and solely for the above noted project which is described herein. It contains all of our findings and results of the environmental conditions at this site.

This Phase I-ESA report has been prepared in general accordance with the agreed scope-of-work and the requirements of Ontario Regulation 153/04 and also complies with the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

## 2.0 PHASE I PROPERTY INFORMATION

Address:	439 Churchill Avenue North, Ottawa, Ontario.
Legal Description:	Lot 13 (Churchill Avenue North) Registered Plan No. 269, City of Ottawa
Property Identification Number:	04016-0005
Location:	The subject site is located on the east side of Churchill Avenue North, approximately 55 m south of Byron Avenue, in the City of Ottawa, Ontario. The subject site is shown on Figure 1 - Key Plan following the body of this report.
Latitude and Longitude:	45° 23' 27" N, 75° 45' 10" W
<b>Site Description:</b>	
Configuration:	Rectangular
Site Area:	0.05 hectares (approximate)
Zoning:	LC[772] – Local Commercial Zone
Current Use:	The Phase I Property is currently occupied by a two-storey commercial building and private parking lot.
Services:	The Phase I Property is located in a municipally serviced area.

### 3.0 SCOPE OF INVESTIGATION

The scope of work for this Phase I – Environmental Site Assessment was as follows:

- Determine the historical activities on the Phase I Property and properties within the Phase I ESA Study Area by conducting a review of readily available records, reports, photographs, plans, mapping, databases and regulatory agencies;
- Investigate the existing conditions present at the Phase I Property and properties within the Phase I ESA Study Area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the Phase I Property, and if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements of Ontario Regulation 269/11 amending O.Reg. 153/04 made under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01;
- Provide a preliminary environmental site evaluation based on our findings;
- Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

## **4.0 RECORDS REVIEW**

### **4.1 General**

#### **Phase I-ESA Study Area Determination**

A radius of approximately 250 m was determined to be appropriate as a Phase I ESA study area for this assignment. Properties outside the 250 m radius are not considered to have impacted the subject land, based on their significant distance from the site.

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

For the purposes of this report, and based on the documentation reviewed, the site is considered to have been first developed for residential purposes circa 1956.

#### **Fire Insurance Plans**

Fire Insurance Plans (FIPs) from 1925 and 1956 were reviewed for the Phase I Property and Phase I ESA Study Area. Based on the 1925 FIPs the Phase I Property was vacant, undeveloped land and the immediately adjacent properties to the north, south and east were developed with residential dwellings and separate private garages. Churchill Avenue North was present adjacent to the west of the Phase I Property, followed by the Churchill Public School and Churchill Public School Annex. Highcroft Avenue was present further east and Alonzo Avenue (present day Byron Place) was present further north.

Other properties within the Phase I Study Area were primarily used for residential purposes with some institutional properties.

Based on the 1956 FIPs, the subject site was occupied by the existing subject structures: a residential building (now used for commercial purposes) and a private garage. The on-site residential building was located near the west portion of the Phase I Property and split into two separate addresses: 439 Churchill Avenue North and 441 Churchill Avenue North. The on-site private garage was located along the northeast property boundary and appears to cross over into the adjacent property to the north (435 Churchill Avenue North).

An Ottawa Transportation Commission Right of Way (previously occupied by the Ottawa Electric Rail Line) was present to the north, across Byron Place, while residential dwellings were present adjacent to the north, south and east.



Other properties within the Phase I Study Area were primarily used for residential purposes, with some institutional properties and commercial properties.

Based on the FIP review, no potentially contaminating activities (PCAs) were identified on the Phase I Property. Potentially contaminating activities identified on other properties within the Phase I Study Area include the following:

- An electric rail line (50m North);
- A print shop at 412-414 Churchill Avenue North (110m North);
- An automotive service garage with two underground storage tanks (UST) at 300 Richmond Road (190m Northeast);
- A retail fuel outlet with four USTs at 319 Richmond Road (195m North).

Based on topography of the area in combination with previous work conducted by Paterson in the vicinity of the Phase I Property, the groundwater in the vicinity of the Phase I Property is considered to flow in a northwesterly direction. The regional groundwater flow is also considered to flow in a northwesterly direction, toward the Ottawa River.

The aforementioned PCAs are not considered to represent APECs on the Phase I Property based on their separation distances of at least 50m north (down-gradient) of the Phase I Property.

### **City of Ottawa Street Directories**

City directories at the National Archives were reviewed in approximate 10-year intervals from 1934 to 2011 as part of the Phase I ESA. No directory information was available for the Phase I Property.

Various properties in the Phase I Study Area have been used for a combination of residential, commercial and institutional purposes since the 1940's. The nearest property of note is 424 Churchill Avenue North, approximately 70 m northwest of the Phase I Property. The site was listed as a costume jewellery manufacturer in 1946 and 1956, subsequently listed as a dry cleaner in 1965 and has continued to operate as such. Based on the separation distance and orientation down-gradient with respect to the Phase I Property, in combination with information in our files, the former jewellery manufacturer and existing dry cleaner, is not considered to represent an area of potential environmental (APEC) concern on the Phase I Property.

Other PCAs identified in the directory review include former dry cleaners, retail fuel outlets and automotive service garages located along Richmond Road or Churchill Avenue North, several of which were noted in the previous section. These PCAs are not considered to represent APECs on the Phase I Property

based on their respective separation distances and orientations down-gradient with respect to the Phase I Property.

### **Environmental Reports**

Paterson has conducted several subsurface investigations in the immediate vicinity of the Phase I Property. A remediation report for 449 & 451 Churchill Avenue North, approximately 15 m south of the Phase I Property, was reviewed and noted two former USTs. An exceedance of PHC F3 was noted during the remediation program from a wall sample in the northeast corner of the property. The close proximity of these former USTs to the Phase I Property represent an APEC on the Phase I Property.

Additionally, based on the findings of other reviewed investigations, the Laundry Land Dry Cleaners at 424 Churchill Avenue North, situated down-gradient of the Phase I Property, is not considered to have had the potential to impact the Phase I Property.

### **Topographic Plan of Survey**

A plan of survey prepared by Farley, Smith & Denis Surveying Ltd. and dated March 25, 2021, was provided to Paterson for review. The survey plan shows the Phase I Property as it currently exists.

### **Chain of Title**

Based on a review of historical records detailed above, it has been determined that the subject property was initially with the existing building structure in 1956 for residential use and later converted to commercial use. Given the available information, it was determined that the results of chain of title search would not contribute to the environmental assessment for the Phase I Property. Therefore, a chain of title search was not completed as part of this assessment.

## **4.2 Environmental Source Information**

### **Environment and Climate Change Canada**

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on February 23, 2021. The Phase I Property and adjacent properties were not listed in the NPRI database. No records of pollutant release were listed in the database for properties located within the Phase I Study Area.

## **PCB Inventory**

A search of national PCB waste storage sites was conducted. No PCB waste storage sites are located within the Phase I Study Area.

## **Ontario Ministry of Environment, Conservation and Parks (MECP) Instruments**

A request was submitted to the MECP Freedom of Information office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the site. The response from the MECP did not identify any records for the Phase I Property. A copy of the MECP response letter is appended to this report.

## **MECP Coal Gasification Plant Inventory**

The MECP document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the Phase I Property. No coal gasification plants were identified within the Phase I Study Area.

## **MECP Incident Reports**

A request was submitted to the MECP Freedom of Information office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP. The response from the MECP did not identify any records for the Phase I Property. A copy of the MECP response letter is appended to this report.

## **MECP Waste Management Records**

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records. The response from the MECP did not identify any records for the Phase I Property. A copy of the MECP response letter is appended to this report.

## **MECP Submissions**

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions that have been submitted to the MECP. The response from the MECP did not identify any records for the Phase I Property. A copy of the MECP response letter is appended to this report.

### **MECP Brownfields Environmental Site Registry**

A search of the MECP Brownfields ESR was conducted as part of this assessment for the Phase I Property and Phase I Study Area. No Records of Site Condition (RSCs) were filed for the Phase I Property.

One RSC was identified for a property within the Phase I Study Area:

- ❑ RSC No. 108923: 450 Churchill Avenue North, approximately 50m southwest of the Phase I Property. Based on the information in the Brownfields ESR in combination with the separation distance and cross-gradient orientation relative to the Phase I Property, this property is not considered to represent an environmental concern to the Phase I Property.

### **MECP Waste Disposal Site Inventory**

The Ontario Ministry of Environment and Climate Change document titled “Waste Disposal Site Inventory in Ontario, 1991” was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. The waste disposal inventory did not identify any active or closed sites were identified within the Phase I Study Area.

### **Areas of Natural Significance Interest (ANSI)**

A search for areas of natural significance and features within the Phase I Study Area was conducted on the web site of the Ontario Ministry of Natural Resources (MNR) on February 23, 2021. The search did not reveal any natural features or areas of natural significance on the Phase I Property or within the Phase I Study Area.

### **Technical Standards and Safety Authority (TSSA)**

The TSSA, Fuels Safety Branch in Toronto was contacted electronically on February 23, 2021 to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. No records are listed in the TSSA registry for the Phase I Property or for the immediately adjacent and neighbouring properties within the Phase I Study Area. A copy of the TSSA correspondence is included in Appendix 2.

### **City of Ottawa Landfill Document**

The document entitled “Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa”, was reviewed. No former landfills were identified within the Phase I Study Area.

### **Former Industrial Sites**

The document prepared by Intera Technologies Limited entitled, “*Mapping and Assessment of Former Industrial Sites, City of Ottawa*”, was reviewed as part of this assessment. The Phase I Property and properties within the Phase I Study Area were not listed in the database of former industrial sites.

### **City of Ottawa Historical Land Use Inventory (HLUI)**

A search of the City’s HLUI database was done as part of this assessment. A record for the Phase I Property was identified for St. John Ambulance in 2001, the record is not considered to represent a PCA for the Phase I Property. The report did include several historical land uses for the surrounding properties within the Phase I Study Area, including laundries, automotive service garages, printers, etc. Of note are two records for the property addressed 449 Churchill Avenue, approximately 15 m south of the Phase I Property, the records pertain to two USTs installed in 1973 (one is listed as not active-removed). It is considered likely that these records pertain to the USTs previously discussed in this assessment for the 449 Churchill Avenue North property, therefore these records support the decision that the former USTs represent an APEC on the Phase I Property.

Records identified in the HLUI of note include a UST installed in October, 1951 at the property addressed 345 Ravenhill Avenue, approximately 100 m west of the Phase I Property (property is 20 m west, but the location of the UST is 100 m west) and a UST installed in February, 1958 at the property addressed 450 Churchill Avenue North, approximately 50 m southwest of the Phase I Property. The presence of these records and the remaining identified historical land uses are not considered to have the potential to impact the Phase I Property, due to their respective separation distances and down/cross gradient orientation with respect to the Phase I Property. The HLUI response is appended to this Phase I ESA.

### **Environmental Risk Information Service (ERIS) Report**

An ERIS (Environmental Risk Information Service) Report was obtained for the Phase I Property and properties within the Phase I Study Area. It should be noted

that the ERIS report includes information that can normally be obtained through the MECP FOI, a TSSA search, MECP well records as well as several others records (i.e. incident reports, waste generators, etc.). The ERIS search did not identify any records for the Phase I Property.

A total of 139 records from various databases were identified in the ERIS search within the 250m radius of the Phase I Property. Several of the records pertain to the property addressed 424 Churchill Avenue North, approximately 70 m northwest of the Phase I Property and its operation as a dry cleaner. Additionally, several records pertain to the property addressed 319 Richmond Road, approximately 195 m north of the Phase I Property and its function as an automotive service garage.

Based on the ERIS report, 11 records for Ontario Spills were reported within the Phase I Study Area. The spill records consist of minimal oil leaks and gas leaks occurring at properties a minimum of 130 m from the Phase I Property. Based on their respective separation distances, down-gradient orientation with respect to the Phase I Property and the nature of the spills, they are not considered to represent an environmental risk to the Phase I Property.

The ERIS report identified various records pertaining to fuel oil tanks, all of which are associated with the property addressed 319 Richmond Road (195 m north) as it operates as an automotive service garage. Based on the separation distance and down-gradient orientation with respect to the Phase I Property, the presence of these existing and historic fuel oil tank records is not considered to represent an environmental risk to the Phase I Property.

The ERIS report identified 53 waste generators records for properties within the Phase I Study Area. Several of which are associated with the property addressed 424 Churchill Avenue North (70 m northwest) and its operation as a dry cleaner. Additionally, several records pertain to the property addressed 345 Ravenhill Avenue (100 m west) and its operation as an educational institution. The waste classes documented include halogenated solvents, paint/pigment/coating residues and other specified inorganics. Based on the respective separation distances and down gradient orientation with respect to the Phase I Property, these waste generator records are not considered to pose an environmental concern to the Phase I Property. The remaining waste generator records pertain to properties a minimum of 110 m from the Phase I Property and are not considered to pose an environmental concern to the Phase I Property based on the significant separation distances.

## 4.3 Physical Setting Sources

### Aerial Photographs

Historical air photos from the National Air Photo Library were reviewed in approximate ten (10) year intervals. The review period dates back to the first available air photos for the site. Based on the review, the following observations have been made:

- 1928 (Poor Scale) The Phase I Property appears vacant at this time. Churchill Avenue North is present adjacent to the west of the Phase I Property, followed by apparent institutional buildings. A residential dwelling is present adjacent to the north of the Phase I Property followed by Byron Place and the Ottawa Electric Rail Line (now Byron Avenue). Residential dwellings are present to the east of the Phase I Property followed by Highcroft Avenue. A residential dwelling is present adjacent to the south of the Phase I Property followed by a mix of vacant properties and residential dwellings.
- 1945 (Poor Scale) The Phase I Property appears to remain unchanged from the previous photograph. No significant changes appear to have been made to the adjacent and neighbouring properties.
- 1958 (City of Ottawa) The western portion of the Phase I Property has been developed with an apparent residential dwelling. The property adjacent to the north of the Phase I Property has been developed with two buildings. Two apparent residential buildings have been developed approximately 15 m south of the Phase I Property. An addition has been made to the commercial or institutional property across Churchill Avenue North, approximately 20 m west of the Phase I Property. Otherwise, the adjacent and neighbouring properties appear to remain unchanged from the previous photograph.
- 1965 (City of Ottawa) No apparent changes have been made to the Phase I Property. The former Ottawa Electric Rail Line, further north of the Phase I Property, has been redeveloped as Byron Avenue. No other significant changes appear to have been made to the adjacent and neighbouring properties.
- 1976 (Poor Scale) No significant changes are apparent with respect to the Phase I Property and the surrounding properties.

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- 1991 (City of Ottawa) No apparent changes have been made to the Phase I Property since the previous photograph. The property to the west of the Phase I Property, across Churchill Avenue North, has been redeveloped with a large building structure. Otherwise, the adjacent and neighbouring properties appear to remain unchanged from the previous photograph.
- 2002 (City of Ottawa) The existing private garage has been developed in the northeast corner of the Phase I Property. No significant changes are apparent with respect to the surrounding properties.
- 2011 (City of Ottawa) No significant changes are apparent with respect to the Phase I Property and the surrounding properties.
- 2019 (City of Ottawa) No significant changes are apparent with respect to the Phase I Property and the surrounding properties.

Laser copies of selected aerial photographs reviewed are included in Appendix 1.

### **Topographic Maps**

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. The topographic maps indicate that the regional topography in the general area of the site slopes significantly downward towards the north. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Based on the regional topography, in combination with previous work conducted by Paterson within the Phase I Study Area, the groundwater flow beneath the Phase I Property is considered to be in a northwesterly direction.

### **Physiographic Maps**

A Physiographic Map was reviewed from the Natural Resources Canada – The Atlas of Canada website. According to this physiographic map, the site is located in the St. Lawrence Lowlands. According to the mapping description provided: “The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets.” The Phase I Property is located in the Central St. Lawrence Lowland, which is generally less than 150 m above sea level.



## **Geological Maps**

The Geological Survey of Canada website on the Urban Geology of the National Capital Area were consulted as part of this assessment. Based on this information, bedrock in the area of the Phase I Property consists of interbedded limestone and dolostone of the Gull River Formation. Overburden is reported to consist of plain till with a drift thickness reported to range up to 1m across the Phase I Property.

## **Water Well Records**

The MECP well mapping website was accessed on February 23, 2021, to obtain records for all drilled wells within the Phase I Study Area. Based on the search results, there are no well records for the Phase I Property. However, a monitoring well installed by McIntosh Perry was identified on the Phase I Property. The monitoring well was installed on June 6, 2021 and drilled to a depth of 5.9m for geotechnical purposes. Fill material consisting of black to brown sand and gravel with some silt was encountered to a depth of 0.8 m below ground surface underlain by brown silty sand and gravel with cobbles and boulders to a depth of 2.3 m below ground surface. Limestone bedrock was encountered at a depth of 2.3 m below ground surface.

A total of 16 well records were identified for properties within the Phase I Study Area. All of the reported well records were dated between 2010 and 2020. A monitoring well record for the property addressed 450 Churchill Avenue North, approximately 50 m southwest of the Phase I Property, was identified. Records of 4 well abandonments for the property addressed 345 Ravenhill Avenue, approximately 20 m west of the Phase I Property, were also identified.

As noted previously, an RSC has been filed in the MECP's ESR for the property at 450 Churchill Avenue and it is not considered to be representative of an environmental concern to the Phase I Property. The purpose of the former wells at 345 Ravenhill Avenue is unknown, as original well records were not available, however based on the availability of municipal water, it is assumed that these wells are for groundwater monitoring purposes. Additionally, due to their separation distance and cross gradient orientation with respect to the Phase I Property, they are not considered to represent an environmental concern to the Phase I Property.

Remaining records correspond to properties a significant distance away from the Phase I Property and are not considered to represent PCA's that would pose an environmental concern to the Phase I Property. Based on the well records, limestone bedrock was encountered at depths ranging from approximately 0.6 to

3m below grade within the Phase I Study Area. A copy of the well record summary is provided in Appendix 2.

### **Water Bodies and Areas of Natural Significance**

No water bodies are present within the Phase I Study Area. The Ottawa River is the closest significant water body and is present approximately 740m northwest of the Phase I Property at its closest point. No areas of natural significance are known to exist within the Phase I Study Area.

## **5.0 INTERVIEWS**

### **Property Owner Representative**

Mr. Jason Green, with Grepault Developments, was interviewed as part of this assessment. Mr. Green indicated that based on the structure of the building, one could expect that the property was used for residential purposes prior to being converted to commercial use. Significant renovations have been conducted to the subject structure since as early as the 1980's. Mr. Green is unaware of any potential environmental concerns regarding the Phase I Property or the surrounding lands, other than those previously discussed.

## **6.0 SITE RECONNAISSANCE**

### **6.1 General Requirements**

The site assessment was conducted on February 26, 2021, by personnel from the Environmental Department of Paterson Group. Weather conditions consisted of a mix of sun and cloud with a temperature of approximately -5°C. The uses of neighbouring properties within the Phase I Study Area were also assessed at the time of the site visit, from publicly accessible areas.

### **6.2 Specific Observations at Phase I Property**

#### **Buildings and Structures**

The Phase I Property is occupied by a 2-storey concrete block commercial building with a full basement level. The first floor and basement are occupied by a commercial business (Freeworld Tattoo & Piercing) and the top floor is occupied by office space (Churchill Collective). The building is considered to be the original building constructed circa 1956 and is heated with a natural-gas fired furnace located in the basement.

A separate private garage is located at the northeast corner of the Phase I Property and is partly situated on the adjacent property to the north (435 Churchill Avenue North); the garage is shared between the two properties. The garage is a wood-framed structure with a sloped, shingled roof and slab-on-grade foundation. No other buildings or structures are present on the Phase I Property.

### **Subsurface Structures and Utilities**

No subsurface structures are present on the Phase I Property. The Phase I Property is situated in a municipally serviced area. Underground utilities present on the Phase I Property include natural gas, municipal water and sewer services, which likely enter the property from Churchill Avenue North. Electrical, telephone and cable services are provided by overhead fixtures. Underground utilities were not located as part of the Phase I ESA and locations are not known at this time.

### **Site Features**

The west and central portions of the Phase I Property are occupied by the subject commercial building and the northeast portion of the site is occupied by a private garage which is partially situated on the neighbouring property to the north.

The remainder of the site is paved, with some landscaping along the western property line. The site is relatively flat with a slight downward slope towards Churchill Avenue North. Site drainage consists of sheet drainage towards catch basins located on Churchill Avenue North with some infiltration in landscaped areas.

### **Interior Assessment**

A general description of the interior of the subject building is as follows:

- Floor finishes consist of carpet, ceramic tile, hardwood and laminate;
- Wall finishes consist of concrete or drywall;
- Ceilings are finished with drywall, stippled plaster or wood panelling; and
- Lighting is provided by incandescent or fluorescent fixtures.

### **Hazardous Building Materials**

Based on the age of the building (~1956), possible asbestos-containing materials (ACMs) observed within the structure during the site visit include drywall joint

compound and stippled ceiling plaster. These materials were observed to be in good condition at the time of the visit.

Based on the age of the building, lead-based paint may also be present beneath more recent coats of paint, on any original surfaces. Painted surfaces were generally in good condition at the time of the site visit.

Potential sources of polychlorinated biphenyls (PCBs) were not observed on the interior of the subject structure at the time of the site visit.

Urea Formaldehyde Foam Insulation (UFFI) was not identified during the site visit. It should be noted that the wall cavities were not inspected for insulation type.

Sources of ozone depleting substances (ODSs) observed at the time of the site visit include refrigerators and fire extinguishers. These appliances should be maintained by a contractor licenced for these works.

No water damage or mould growth was noted on the interior of the subject structure at the time of the site visit.

### **Storage Tanks**

No underground or aboveground storage tanks or signs thereof were noted on the interior or exterior of the Phase I Property.

### **Chemical Storage**

Chemical storage within the subject structure was limited to small quantities of commercially available cleaning, maintenance and tattoo related products, which were property stored in sealed containers at the time of the site visit.

### **Heating System**

The building is heated with a natural gas-fired furnace located in the basement.

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

No drains, pits or sumps were observed at the time of the site visit.

### **Unidentified Substances**

There were no unidentified substances on the interior or exterior of the Phase I Property at the time of this visit.

## **Sewage Works**

The site is connected to the City of Ottawa sanitary sewer system. Given the urban setting, no private sewage systems are suspected to exist on the Phase I Property or within the Phase I Study Area.

## **Waste Storage and Disposal**

Domestic waste and recycling are collected on a regular basis by the City of Ottawa.

## **Railway Lines**

There are no rail yards, tracks or spurs on the Phase I Property.

## **Neighbouring Properties**

An inspection of the neighbouring properties was conducted from publicly accessible roadways at the time of the site inspection. Land use adjacent to the Phase I Property was as follows:

- North - Residential dwelling and a vacant commercial lot, followed by Byron Place;
- South - Commercial retail (clothing store), followed by residential dwellings
- East - Residential dwellings followed by Highcroft Avenue; and
- West - Churchill Avenue North followed by a public school.

The current uses of the immediately adjacent properties are not considered to pose an environmental concern to the Phase I Property.

Remaining properties within the Phase I Study Area consist primarily of residential and commercial properties with occasional institutional properties. Surrounding land use is shown on Drawing PE5189-2 – Surrounding Land Use Plan in the Figures section of this report.

## **7.0 REVIEW AND EVALUATION OF INFORMATION**

### **7.1 Land Use History**

Based on a review of available historical information, the Phase I Property was vacant land until approximately 1956 when it was developed with the existing

two-storey building. Originally the building was used as a split residential dwelling, until it was converted for commercial use circa 1980.

### **Potentially Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs)**

Based on the findings of the Phase I ESA, the following on and off-site PCAs (as listed in Column A, Table 2 of O.Reg.153/04) were considered to result in areas of potential environmental concern (APECs) on the Phase I Property:

- ❑ PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks – this PCA is associated with former underground storage tanks (USTs) reported to have been present at 449-451 Churchill Avenue, approximately 15 to 20m south of the Phase I Property (APEC 3).
- ❑ PCA 30 – Importation of Fill Material of Unknown Quality – this PCA is associated with fill material identified on the Phase I Property during a Geotechnical Investigation conducted by others (APEC 1).

Based on the findings of the Phase I ESA, it is considered likely that road salt was applied to the surface of the parking lot and access laneway and also on Churchill Avenue, for the safety of vehicular and pedestrian traffic under conditions of ice and/or snow. Although not defined as a specific PCA under Column A of Table 2, the use of salt for safety purposes is considered to result in an APEC on the Phase I Property (APEC 2A and 2B)

According to Section 49.1 of O.Reg. 153/04, if an applicable site condition standard is exceeded at a property solely because of the following reason, the applicable site condition standard is deemed not to be exceeded for the purpose of Part XV.1 of the Act: “The qualified person has determined, based on a phase one environmental site assessment or a phase two environmental site assessment, that a substance has been applied to surfaces for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both.”

In accordance with Section 49.1 of O.Reg. 153/04, any EC and SAR concentrations on the RSC Property that exceed the MECP Table 3 standards for a residential/institutional land use are deemed not to be exceeded for the purpose of Part XV.1 of the Act. This exemption is being relied up for APEC 2A and 2B.

The remaining nine off-site PCAs (existing or historical) identified within the Phase I Study Area are not considered to result in APECs on the Phase I

Property due to their respective separation distance and/or cross- or down-gradient orientations with respect to the Phase I Property.

All APECs are outlined on Drawing PE5189-1 – Site Plan, while associated PCAs are shown in red on Drawing PE5189-2 – Surrounding Land Use Plan in the Figures section of this report, following the text.

### **Contaminants of Potential Concerns (CPCs)**

Based on the APECs identified on the Phase I Property, the contaminants of potential concern (CPCs) in the soil or groundwater include metals (including arsenic (As), antimony (Sb) and selenium (Se)), mercury (Hg), hexavalent chromium (CrVI), benzene, toluene, ethylbenzene and xylenes (BTEX), petroleum hydrocarbons (PHCs, Fractions F<sub>1</sub>-F<sub>4</sub>) and/or polycyclic aromatic hydrocarbons (PAHs). In accordance with Section 49.1 of O.Reg.153/04, as amended, electrical conductivity (EC) and sodium adsorption ratio (SAR) are not considered to be CPCs.

## **7.2 Conceptual Site Model**

### **Geological and Hydrogeological Setting**

The Geological Survey of Canada website on the Urban Geology of the National Capital Area were consulted as part of this assessment. Based on this information, bedrock in the area of the site consists of interbedded limestone and dolostone of the Gull River Formation. Overburden is reported to consist of plain till with a drift thickness of up to 1m across the Phase I Property.

### **Buildings and Structures**

The Phase I Property is occupied by a 2-storey concrete block commercial building with a full basement level. The first floor and basement are occupied by a commercial business (Freeworld Tattoo & Piercing) and the top floor is occupied by office space (Churchill Collective). The building is considered to be the original building constructed circa 1956 and is heated with a natural-gas fired furnace located in the basement.

A separate private garage is located at the northeast corner of the Phase I Property and is partly situated on the adjacent property to the north (435 Churchill Avenue North); the garage is shared between the two properties. The garage is a wood-framed structure with a sloped, shingled roof and slab-on-grade foundation. No other buildings or structures are present on the Phase I Property.

## **Water Bodies**

No water bodies are present within the Phase I Study Area. The Ottawa River is the closest significant water body and is present approximately 740m northwest of the Phase I Property at its closest point.

## **Areas of Natural Significance**

A search for areas of natural significance and features within a 250m radius study area was conducted on the Ontario Ministry of Natural Resources (MNR) website and the search did not reveal any areas of natural significance within a 250m radius.

## **Water Well Records**

The MECP well mapping website was accessed on February 23, 2021, to obtain records for all drilled wells within the Phase I Study Area. Based on the search results, there are no well records for the Phase I Property. However, a monitoring well was installed by McIntosh Perry was identified on the Phase I Property. The monitoring well was installed on June 6, 2021 and drilled to a depth of 5.9m for geotechnical purposes. Fill material consisting of black to brown sand and gravel with some silt was encountered to a depth of 0.8 m below ground surface underlain by brown silty sand and gravel with cobbles and boulders to a depth of 2.3 m below ground surface. Limestone bedrock was encountered at a depth of 2.3 m below ground surface.

A total of 16 well records were identified for properties within the Phase I Study Area. All of the reported well records were dated between 2010 and 2020. A monitoring well record for the property addressed 450 Churchill Avenue North, approximately 50 m southwest of the Phase I Property, was identified. Records of 4 well abandonments for the property addressed 345 Ravenhill Avenue, approximately 20 m west of the Phase I Property, were also identified. Remaining records correspond to properties a significant distance away from the Phase I Property and are not considered to pose an environmental concern to the Phase I Property.

As noted previously, an RSC has been filed in the MECP's ESR for the property at 450 Churchill Avenue and it is not considered to represent a concern to the Phase I Property. The purpose of the former wells at 345 Ravenhill Avenue is unknown, as original well records were not available, however based on the availability of municipal water, it is assumed that these wells are for groundwater monitoring purposes. Additionally, due to their separation distance and cross gradient orientation with respect to the Phase I Property, they are not considered to represent an environmental concern to the Phase I Property.



Based on the well records, limestone bedrock was encountered at depths ranging from approximately 0.6 to 3m below grade. A copy of the well record summary is provided in Appendix 2.

### Neighbouring Land Use

Neighbouring land use in the 250m study area was historically used for primarily residential purposes with occasional commercial and institutional purposes. As further discussed below, several historical PCAs were identified within the 250m study area, the locations of which are presented on Drawing PE5189-2 – Surrounding Land Use Plan.

Current land use within the Phase I Study Area is primarily residential with occasional commercial (offices) and institutional (Westboro Masonic Hall and the Churchill Public School) land use. Two PCAs identified within the Phase I Study Area at the time of the site visit include the Laundry Land Dry Cleaners at 424 Churchill Avenue North and an automotive service garage at 319 Richmond Road. Based on the separation distances of 70m or more and their down-gradient orientations with respect to the Phase I Property, these PCAs and the remaining PCAs identified are not considered to represent areas of potential environmental concern (APECs) on the Phase I Property.

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

As per section 7.1 of this report and presented in Table 1 below, three on- or off-site PCAs were considered to result APECs on the Phase I Property

<b>Table 1 Areas of Potential Environmental Concern</b>					
<b>Area of Potential Environmental Concern</b>	<b>Location of Area of Potential Environmental Concern with respect to Phase I Property</b>	<b>Potentially Contaminating Activity</b>	<b>Location of PCA (on-site or off-site)</b>	<b>Contaminants of Potential Concern</b>	<b>Media Potentially Impacted (Groundwater, Soil, and/or Sediment)</b>
APEC 1 (fill material of unknown quality)	Potentially across the Phase I Property (outside the building footprint)	PCA 30 - Importation of Fill Material of Unknown Quality	On-site	Metals As, Sb, Se Hg, CrVI PAHs	Soil (Fill Material)

<b>Table 1 Areas of Potential Environmental Concern</b>					
<b>Area of Potential Environmental Concern</b>	<b>Location of Area of Potential Environmental Concern with respect to Phase I Property</b>	<b>Potentially Contaminating Activity</b>	<b>Location of PCA (on-site or off-site)</b>	<b>Contaminants of Potential Concern</b>	<b>Media Potentially Impacted (Groundwater, Soil, and/or Sediment)</b>
APEC 2A <sup>1</sup> (use of road salt for safety purposes)	Potentially across the Phase I Property (outside the building footprint)	Other - use of road salt for de-icing purposes	On-site	EC SAR	Soil
APEC 2 B (use of road salt for safety purposes)	Along the western portion of the Phase I Property		Off-site	EC SAR	Soil
APEC 3 (former off-site USTs)	South portion of the Phase I Property	Item 28, Table 2, O.Reg.153/04 as amended by O.Reg.269/11 ("Gasoline and Associated Products Storage in Fixed Tanks")	Off-site	BTEX, PHCs (F <sub>1</sub> -F <sub>4</sub> )	Groundwater
<p>Notes: 1 – In accordance with Section 49.1 of Ontario Regulation 153/04 standards are deemed to be met if an applicable site condition standard is exceeded at a property solely because the qualified person has determined, based on a phase two environmental site assessment, that a substance has been applied to surfaces for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both. As further discussed in the Phase II CSM, the exemption outlined in Section 49.1 is being relied upon with respect to the RSC Property.</p>					

### Contaminants of Potential Concern

The contaminants of potential concern (CPCs) associated with the aforementioned APECs are considered to be:

- Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)
- Petroleum Hydrocarbons (PHCs, Fractions F<sub>1</sub>-F<sub>4</sub>)
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Metals (including arsenic (As), antimony (Sb) and selenium (Se))
- Mercury (Hg)
- Hexavalent Chromium (Cr<sub>VI</sub>)

### **Assessment of Uncertainty and/or Absence of Information**

The information available for review as part of the preparation of this Phase I-ESA is considered to be sufficient to conclude that there are APECs on the Phase I Property which may potentially have impacted the Phase I Property. The presence of PCAs was confirmed by a variety of independent sources, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

## 8.0 CONCLUSIONS

### Assessment

Paterson Group was retained by Grepault Developments Inc. to conduct a Phase I Environmental Site Assessment (ESA) of the property addressed 439 Churchill Avenue North, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the Phase I Property and 250 m Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

The results of the historical research indicate that the subject property was first developed with the existing residential structure as early as 1956. A private garage has been present on the northeastern portion of the Phase I Property since circa 2002. No historical potentially contaminating activities (PCAs) were identified on the Phase I Property.

Historically, the surrounding properties were primarily used for residential and commercial purposes with some institutional land use, since as early as 1925.

Following the historical research, Paterson conducted a site visit and a visual assessment of the properties within the Phase I Study Area. The Phase I Property is currently occupied by a commercial office building and paved parking lot. No PCAs were identified on the Phase I Property at the time of the site visit.

Neighbouring properties are primarily residential with some commercial offices and institutional or community buildings and parkland.

Based on the findings of the Phase I ESA, on and off-site potentially contaminating activities (PCAs) have resulted in areas of potential environmental concern (APECs) on the Phase I Property. These PCAs include on-site fill material, the use of road salt on the property and adjacent Carling Avenue, as well as former off-site underground storage tanks (USTs) at 449-551 Churchill Avenue.

Additional off-site PCAs identified within the 250m study area were not considered to represent APECs on the Phase I Property based on their separation distances and/or orientations relative to the groundwater flow beneath the Phase I Property. Based on our knowledge of the area, the regional groundwater flow direction is towards the northwest; off-site PCAs were identified to the west (cross-gradient) or north (down-gradient) of the Phase I Property.

## **Recommendations**

Based on the findings of the Phase I ESA a Phase II Environmental Site Assessment was recommended and subsequently carried out.

It is our understanding that the subject structure will be renovated in conjunction with future redevelopment. Prior to any renovation activities, a designated substance survey (DSS) must be conducted for the existing structure, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

## 9.0 STATEMENT OF LIMITATIONS

This Phase I - Environmental Site Assessment report has been prepared in general accordance with the agreed scope-of-work, in compliance with O.Reg. 153/04 as amended under the Environmental Protection Act, and meets the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

Should any conditions be encountered at the Phase I Property and/or historical information that differ from our findings, we request that we be notified immediately in order to allow for a reassessment.

This report was prepared for the sole use of Grepault Developments Ltd. Permission and notification from Grepault Developments Ltd. and Paterson will be required to release this report to any other party.

### Paterson Group Inc.



Jeremy Camposarcone, B.Eng.



Karyn Munch, P.Eng., QP<sub>ESA</sub>



### Report Distribution:

- Grepault Developments Ltd.
- Paterson Group Inc.

## 10.0 REFERENCES

### **Federal Records**

Air photos at the Energy Mines and Resources Air Photo Library.  
National Archives.  
Maps and photographs (Geological Survey of Canada surficial and subsurface mapping).  
Natural Resources Canada – The Atlas of Canada.  
Environment Canada, National Pollutant Release Inventory.  
PCB Waste Storage Site Inventory.

### **Provincial Records**

MECP Freedom of Information and Privacy Office.  
MECP Municipal Coal Gasification Plant Site Inventory, 1991.  
MECP document titled “Waste Disposal Site Inventory in Ontario”.  
MECP Brownfields Environmental Site Registry.  
Office of Technical Standards and Safety Authority, Fuels Safety Branch.  
MNR Areas of Natural Significance.  
MECP Water Well Inventory.

### **Municipal Records**

City of Ottawa Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.  
Intera Technologies Limited Report “Mapping and Assessment of Former Industrial Sites, City of Ottawa”, 1988.  
The City of Ottawa geoOttawa website.

### **Local Information Sources**

Survey Plan prepared by Farley, Smith and Denis Surveying Ltd., dated March 25, 2021.  
Environmental Risk Information Services (ERIS) Report, March 3, 2020.  
Personal Interviews.

### **Public Information Sources**

Google Earth.  
Google Maps/Street View.

# **FIGURES**

**FIGURE 1 – KEY PLAN**

**FIGURE 2 – TOPOGRAPHIC MAP**

**DRAWING PE5189-1 – SITE PLAN**

**DRAWING PE5189-2– SURROUNDING LAND USE PLAN**



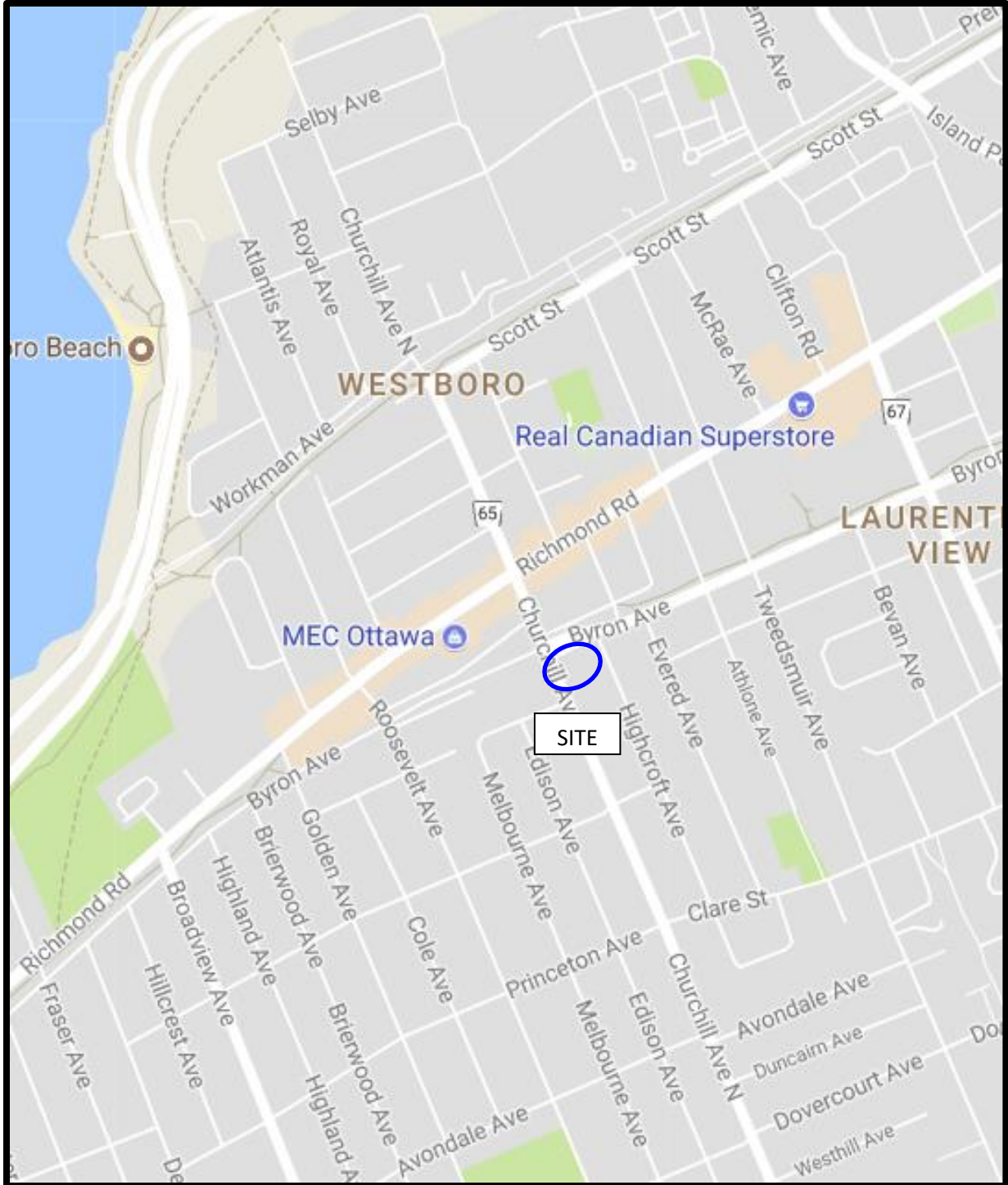


FIGURE 1  
**KEY PLAN**

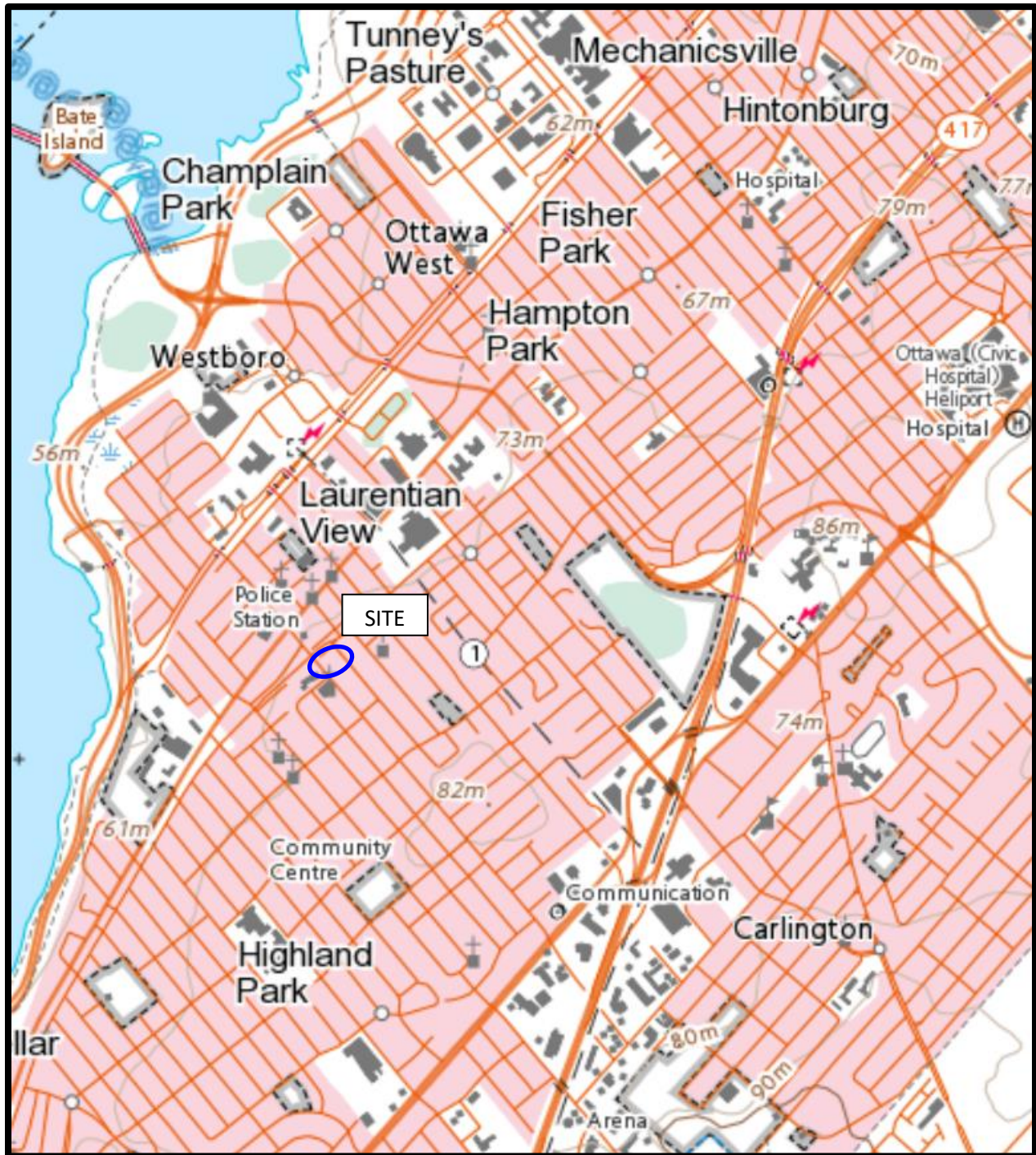
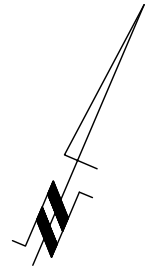


FIGURE 2  
TOPOGRAPHIC MAP



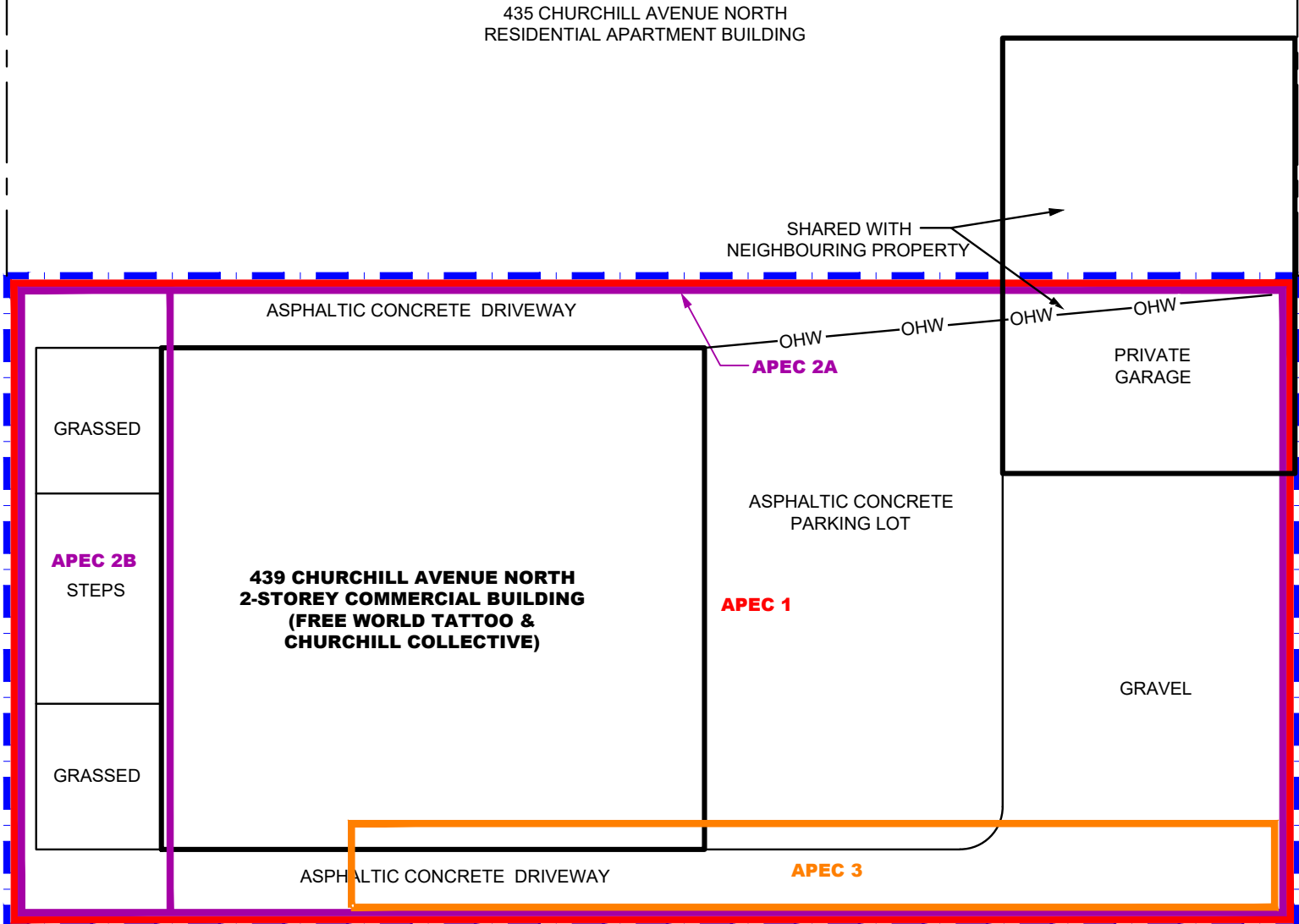
345 RAVENHILL AVENUE EAST  
CHURCHILL PUBLIC SCHOOL

SIDEWALK

**CHURCHILL AVENUE NORTH**

FH  
T/S=78.96m

SIDEWALK



472 BYRON PLACE  
RESIDENTIAL DWELLING

440 HIGHCROFT AVENUE  
RESIDENTIAL DWELLING

444 HIGHCROFT AVENUE  
RESIDENTIAL DWELLING

435 CHURCHILL AVENUE NORTH  
RESIDENTIAL APARTMENT BUILDING

**439 CHURCHILL AVENUE NORTH  
2-STOREY COMMERCIAL BUILDING  
(FREE WORLD TATTOO &  
CHURCHILL COLLECTIVE)**

445 CHURCHILL AVENUE NORTH  
COMMERCIAL  
(THE DEN CLOTHING STORE)

**AREAS OF POTENTIAL ENVIRONMENTAL CONCERN:**

- 1) **FILL MATERIAL OF UNKNOWN QUALITY**
- 2) **USE OF DE-ICING SALT ASSOCIATED WITH ON-SITE AND ADJACENT ROADWAYS**
- 3) **FORMER OFF-SITE UNDERGROUND STORAGE TANK**



**patersongroup**  
consulting engineers

154 Colonnade Road South  
Ottawa, Ontario K2E 7J5  
Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL

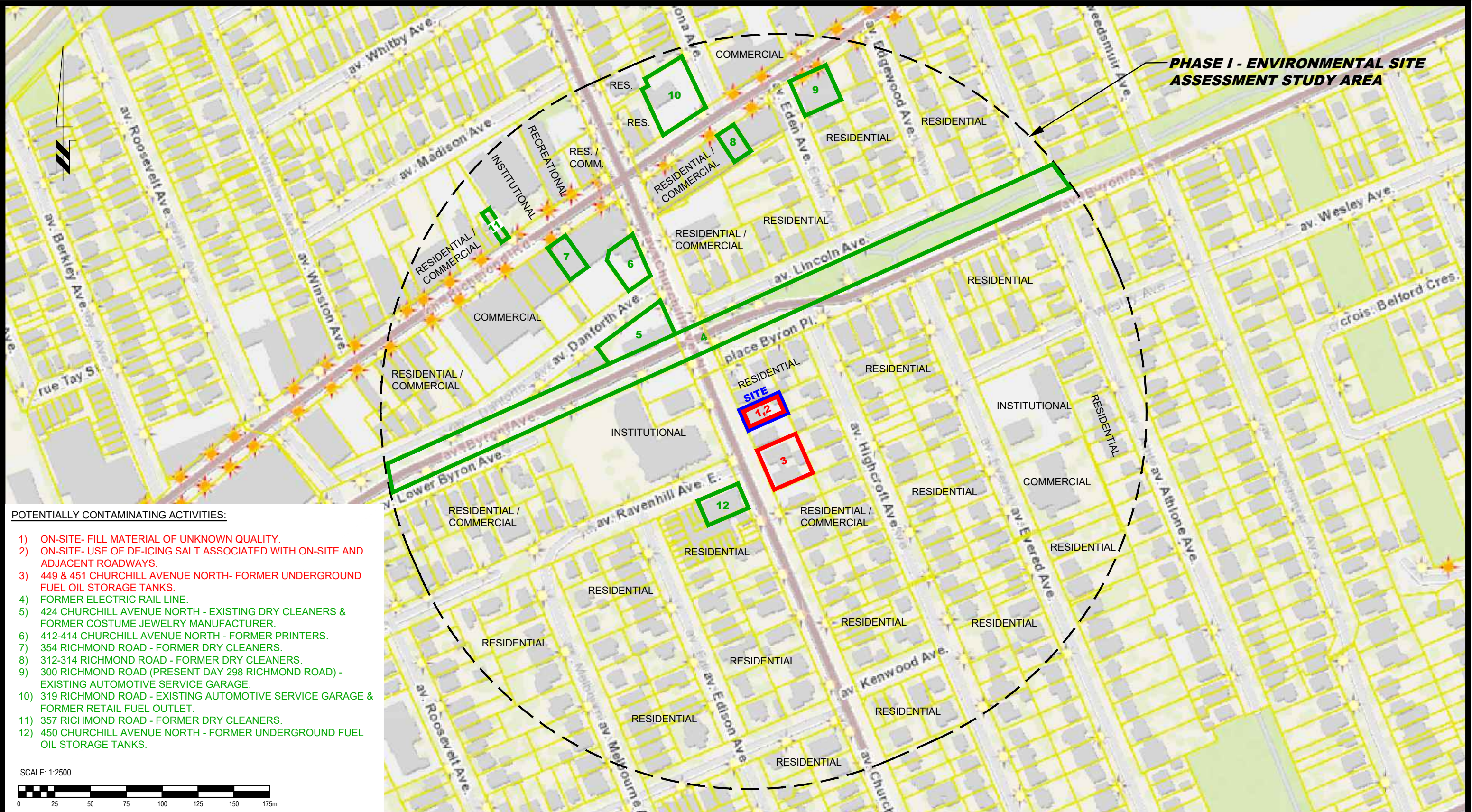
**GREPAULT DEVELOPMENTS INC.**  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
**439 CHURCHILL AVENUE NORTH**

OTTAWA, ONTARIO

**SITE PLAN**

Scale:	1:150	Date:	09/2021
Drawn by:	JM	Report No.:	PE5189-1
Checked by:	JC	Dwg No.:	<b>PE5189-1</b>
Approved by:	MSD	Revision No.:	

p:\autocad\drawings\environmental\pe5189\pe5189-1-site plan.dwg



**POTENTIALLY CONTAMINATING ACTIVITIES:**

- 1) ON-SITE- FILL MATERIAL OF UNKNOWN QUALITY.
- 2) ON-SITE- USE OF DE-ICING SALT ASSOCIATED WITH ON-SITE AND ADJACENT ROADWAYS.
- 3) 449 & 451 CHURCHILL AVENUE NORTH- FORMER UNDERGROUND FUEL OIL STORAGE TANKS.
- 4) FORMER ELECTRIC RAIL LINE.
- 5) 424 CHURCHILL AVENUE NORTH - EXISTING DRY CLEANERS & FORMER COSTUME JEWELRY MANUFACTURER.
- 6) 412-414 CHURCHILL AVENUE NORTH - FORMER PRINTERS.
- 7) 354 RICHMOND ROAD - FORMER DRY CLEANERS.
- 8) 312-314 RICHMOND ROAD - FORMER DRY CLEANERS.
- 9) 300 RICHMOND ROAD (PRESENT DAY 298 RICHMOND ROAD) - EXISTING AUTOMOTIVE SERVICE GARAGE.
- 10) 319 RICHMOND ROAD - EXISTING AUTOMOTIVE SERVICE GARAGE & FORMER RETAIL FUEL OUTLET.
- 11) 357 RICHMOND ROAD - FORMER DRY CLEANERS.
- 12) 450 CHURCHILL AVENUE NORTH - FORMER UNDERGROUND FUEL OIL STORAGE TANKS.

SCALE: 1:2500



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NO.	REVISIONS	DATE	INITIAL

**GREPAULT DEVELOPMENTS INC.**  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
**439 CHURCHILL AVENUE NORTH**

**OTTAWA, ONTARIO**

**SURROUNDING LAND USE PLAN**

Scale:	1:2500	Date:	09/2021
Drawn by:	JM	Report No.:	PE5189-1
Checked by:	JC	Dwg No.:	<b>PE5189-2</b>
Approved by:	MSD	Revision No.:	

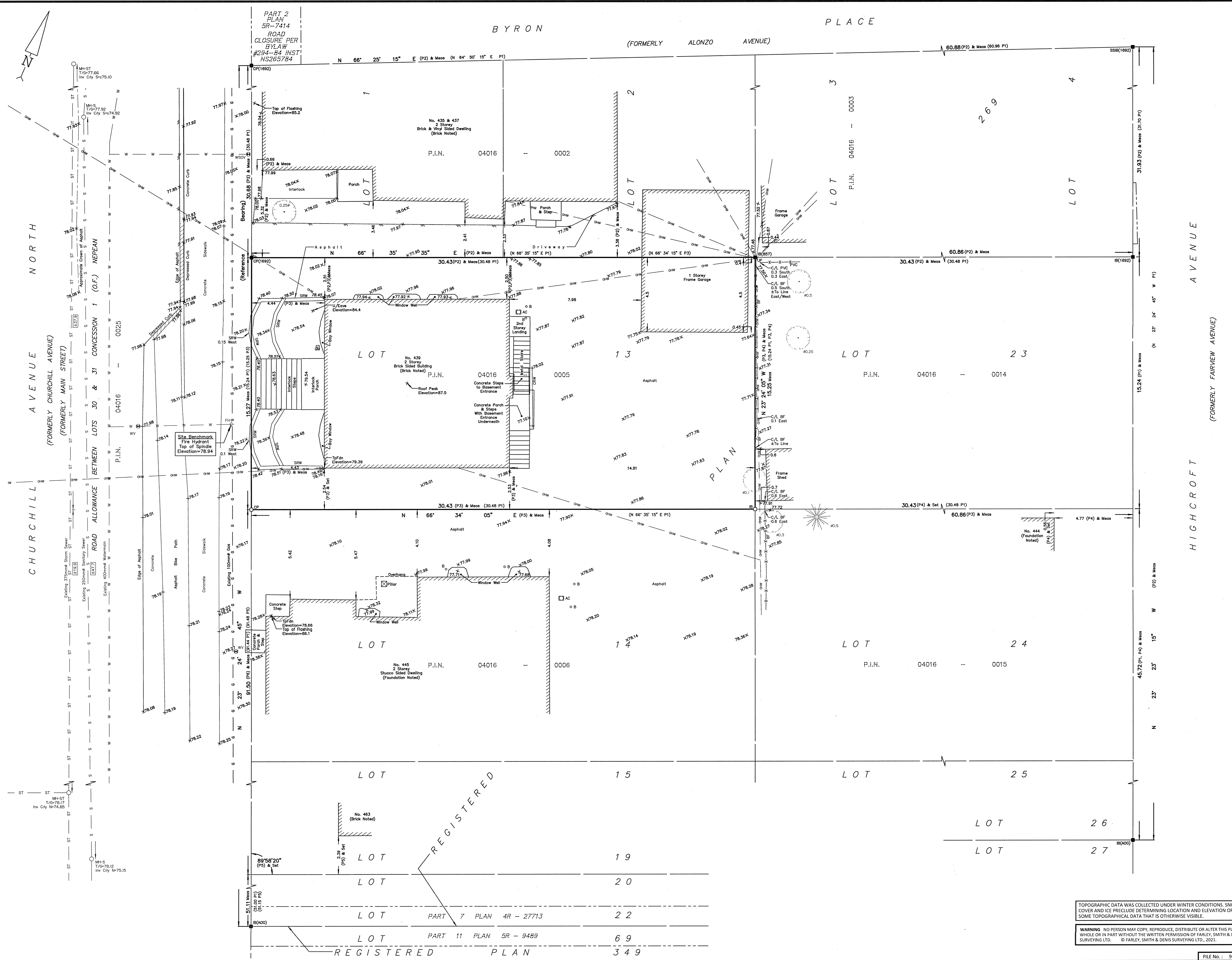
p:\autocad\drawings\environmental\pe5189-2\surrounding land use plan.dwg

# **APPENDIX 1**

**PLAN OF SURVEY**

**SITE PHOTOGRAPHS**

**AERIAL PHOTOGRAPHS**



TOPOGRAPHIC PLAN OF SURVEY OF

LOT 13  
REGISTERED PLAN 269  
CITY OF OTTAWA  
FARLEY, SMITH & DENIS SURVEYING LTD. 2021

Scale 1: 100  
0 2.5 5 7.5 10 metres

**Metric Note**  
Distances and coordinates on this plan are in metres and can be converted to feet by dividing by 0.3048.

**Distance Note**  
Distances shown on this plan are ground distances and can be converted to grid distances by multiplying by the combined scale factor of 0.99994.

**Bearing Note**  
Bearings are MTM grid, referred to easterly limit of Churchhill Avenue North, having a bearing of N 23°24'45" W as shown on plan by (1692) dated October 19, 2018 (File No. 432-18) and are referred to the Central Meridian of MTM Zone 9 (76°30' West Longitude) Nad-83 (Original).

For bearing comparisons, a rotation of 11°34'45" counter-clockwise was applied to bearings on P1.

For bearing comparisons, a rotation of 00°44'45" counter-clockwise was applied to bearings on P3 & P4.

- Elevation Notes**
- Elevations shown are geodetic and are referred to Geodetic Datum CGVD-1928 :1978.
  - Elevations are derived from City of Ottawa benchmark monument No. N-11 Index No. 78 having a published elevation of 78.90 metres.
  - It is the responsibility of the user of this information to verify that the job benchmark has not been altered or disturbed and that its relative elevation and description agrees with the information shown on this drawing.

- Utility Notes**
- This drawing cannot be accepted as acknowledging all of the utilities and it will be the responsibility of the user to contact the respective utility authorities for confirmation.
  - Only visible surface utilities were located.
  - Underground utility data derived from City of Ottawa utility sheet reference: Sheets No. E-04-23, E-04-28, 15340p24, 15350p25, Plan no. 1836 sheet 1 of 1, Plan no. 1655 sheets 29 and 30 of 11.
  - Sanitary and storm sewer grades and inverts were compiled from: Field measurement & City of Ottawa Utility Sheets.
  - A field location of underground plant by the pertinent utility authority is mandatory before any work involving breaking ground, probing, excavating etc.

**Notes & Legend**

Denotes	Denotes
□	Survey Monument Flashed
■	Survey Monument Found
SIB	Standard Iron Bar
SSIB	Short Standard Iron Bar
IB	Iron Bar
CP	Concrete Pin
Meas	Measured
(P1)	Registered Plan 269
(P2)	Plan by (1692) dated October 19, 2018 (File No. 432-18)
(P3)	Plan by (AOG) dated November 22, 2005 (Job No. 6732-05-F)
(P4)	Plan by (AOG) dated June 23, 1999 (Dwg No. 3529J24)
(P5)	Plan by (1473) dated February 6, 2002 (Ref. No. 8-269)
(P6)	Plan by (1319) dated December 20, 1990 (Ref. No. 6-269)
OH-ST	Maintenance Hole (Storm)
OH-S	Maintenance Hole (Sanitary)
ST	Underground Storm Sewer
S	Underground Sanitary Sewer
W	Underground Water
G	Underground Gas
OW	Overhead Wires
OP	Utility Pole
OH	Fire Hydrant
WV	Water Valve
GM	Gas Meter
B	Bollard
AC	Air Conditioner
BF	Board Fence
PVC	Plastic Vinyl Fence
SRW	Stone Retaining Wall
Inv.	Invert
T/G	Top of Grate
U/Eave	Underside of Eave
TopFdn	Top of Foundation
C/L	Centreline
+65.00	Location of Elevations
+65.00	Top of Concrete Curb/Retaining Wall Elevation
-	Property Line

- Deciduous Tree - The Symbol shown denotes location and trunk diameter only. Size of its' root system/overhead canopy may be smaller/larger than the symbol size depicted on this plan.
- Coniferous Tree - The Symbol shown denotes location and trunk diameter only. Size of its' root system/overhead canopy may be smaller/larger than the symbol size depicted on this plan.

**Surveyor's Certificate**  
I certify that:  
1. This survey and plan are correct and in accordance with the Surveys Act, the Surveyors Act and the Regulations made under them.  
2. The survey was completed on the 10th day of March, 2021.

Date: March 25/2021  
Emad Alrefaai  
Ontario Land Surveyor

ASSOCIATION OF ONTARIO LAND SURVEYORS  
PLAN SUBMISSION FORM  
V-10910

THIS PLAN IS NOT VALID UNLESS IT IS AN EMBOSSED ORIGINAL COPY ISSUED BY THE SURVEYOR in accordance with Regulation 1026, Section 29 (3)

**FARLEY, SMITH & DENIS SURVEYING LTD.**  
ONTARIO LAND SURVEYORS  
CANADA LAND SURVEYORS  
190 COLONNADE ROAD, OTTAWA, ONTARIO K2E 7J5  
TEL. (613) 727-8226 FAX. (613) 727-1826

FILE NO.: 96-21

TOPOGRAPHIC DATA WAS COLLECTED UNDER WINTER CONDITIONS. SNOW COVER AND ICE PRECLUDE DETERMINING LOCATION AND ELEVATION OF SOME TOPOGRAPHIC DATA THAT IS OTHERWISE VISIBLE.

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## Site Photographs

PE5189

439 Churchill Avenue North – Ottawa, ON

February 26, 2021



Photograph 1: Street view of 439 Churchill Avenue North, looking east.

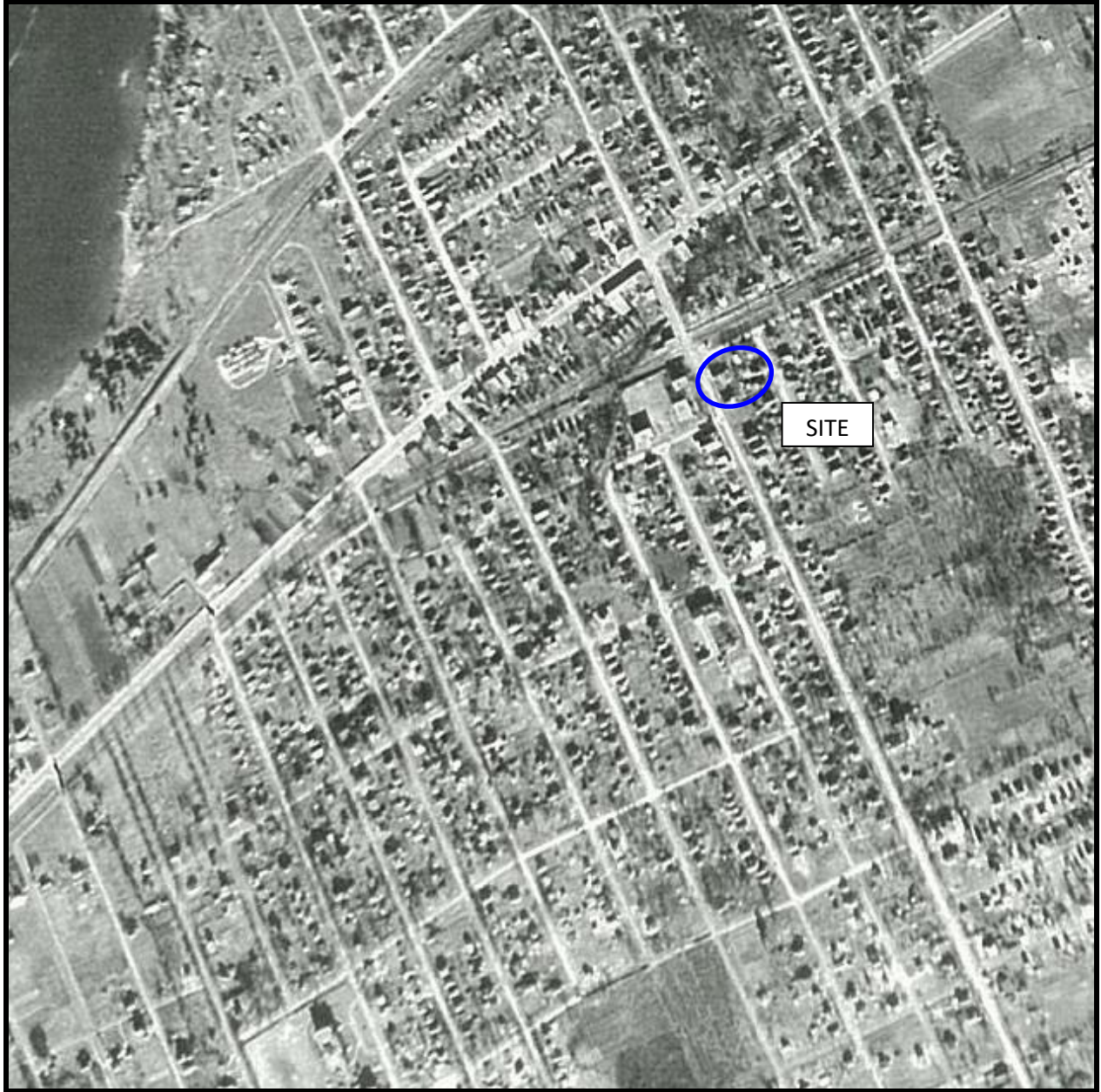


Photograph 2: View of private garage at the rear of 439 Churchill Avenue North.



AERIAL PHOTOGRAPH  
1928





AERIAL PHOTOGRAPH  
1945



AERIAL PHOTOGRAPH  
1958



AERIAL PHOTOGRAPH  
1965



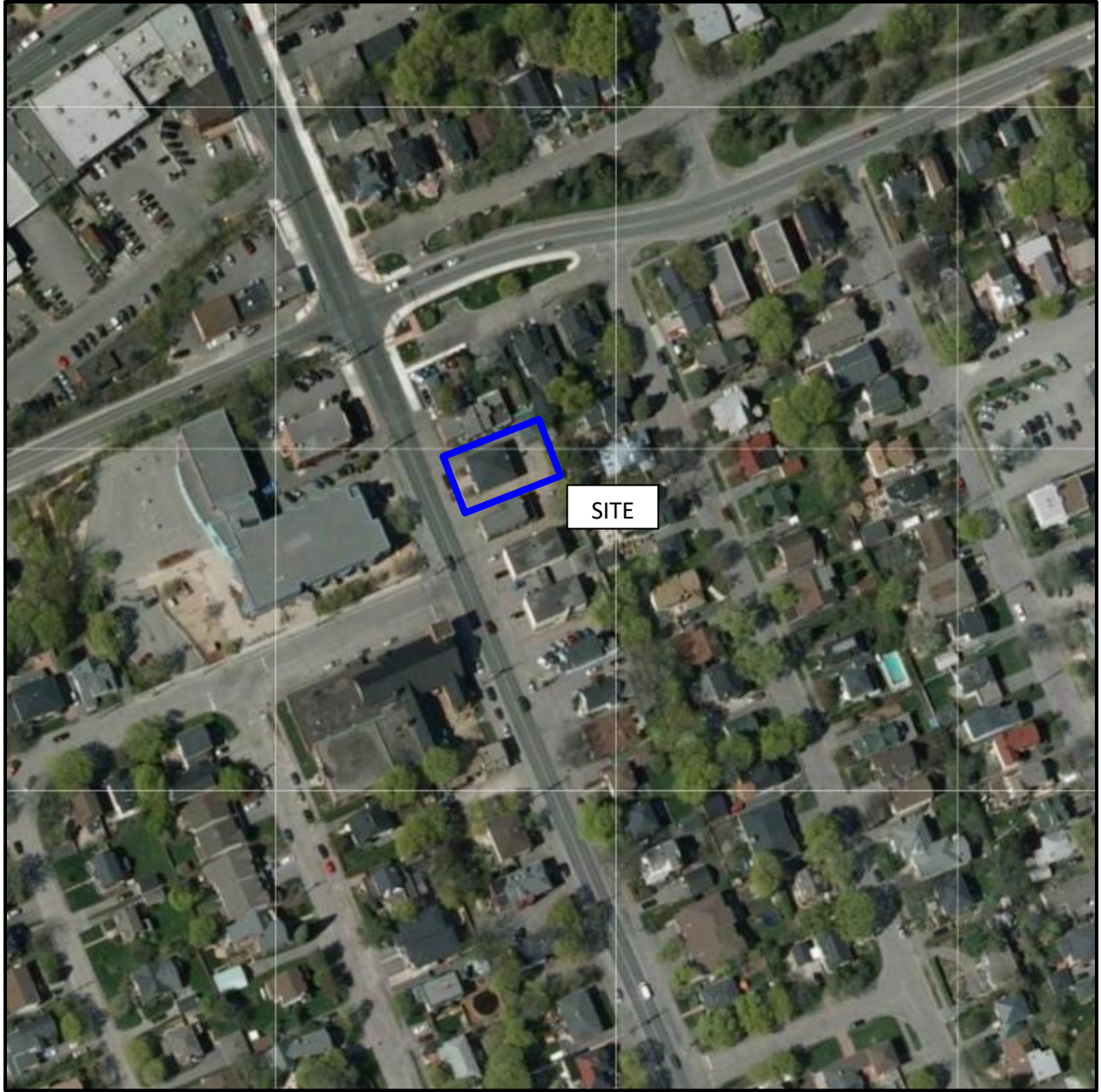
AERIAL PHOTOGRAPH  
1976



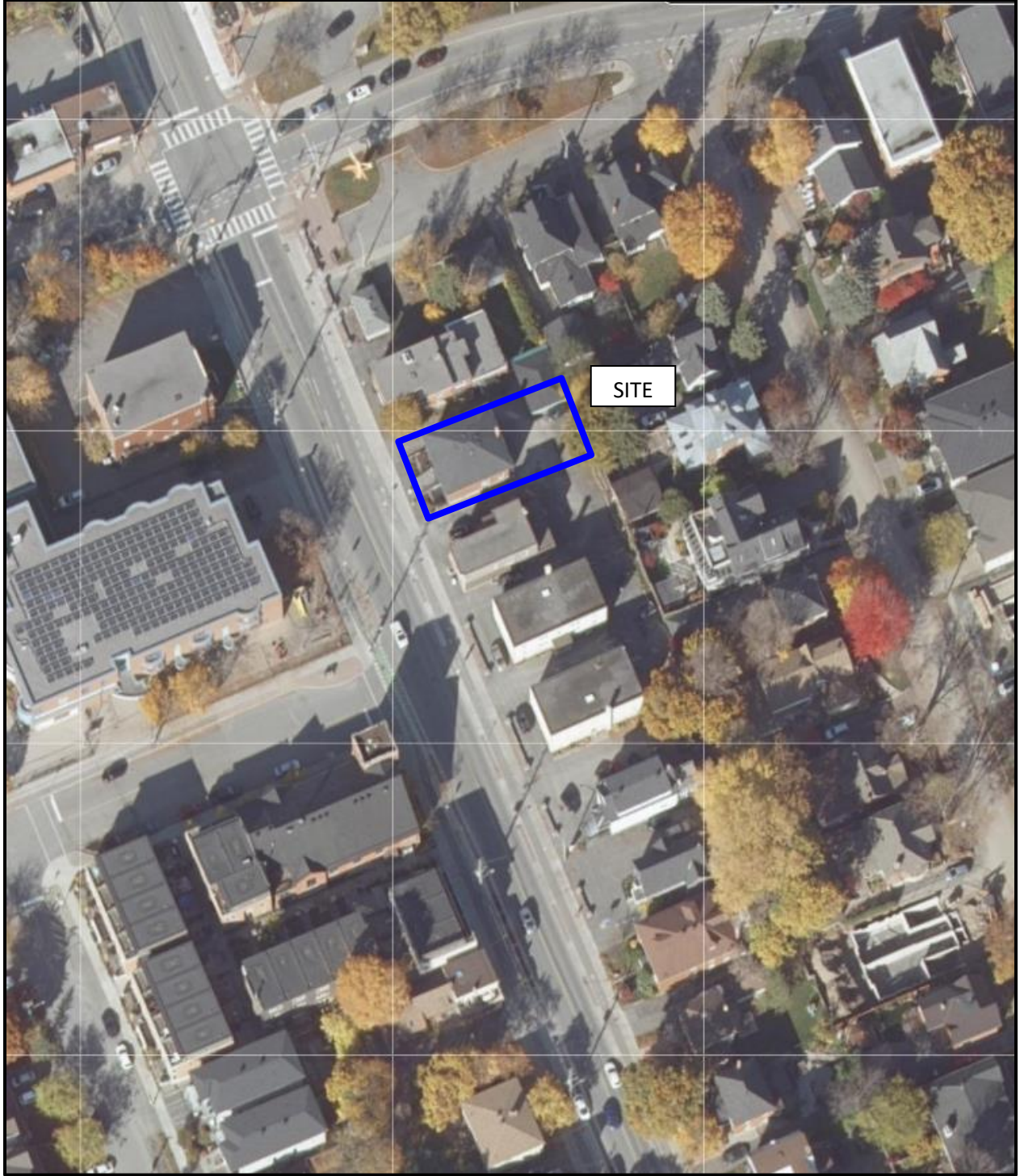
AERIAL PHOTOGRAPH  
1991



AERIAL PHOTOGRAPH  
2002

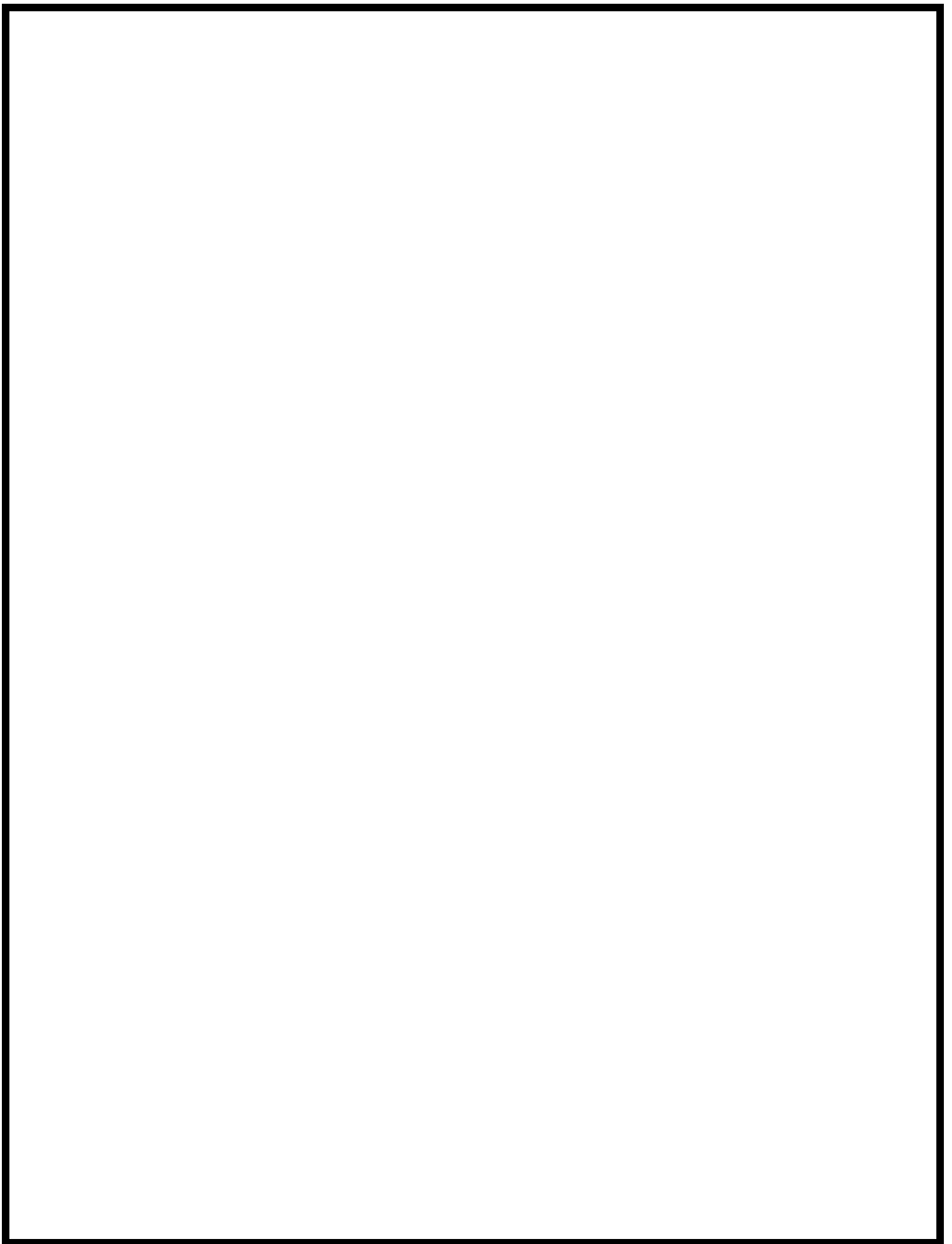


AERIAL PHOTOGRAPH  
2011



AERIAL PHOTOGRAPH  
2019





# **APPENDIX 2**

**MECP FREEDOM OF INFORMATION RESPONSE LETTER**

**TSSA CORRESPONDENCE**

**MECP WELL RECORDS**

**CITY OF OTTAWA HLUI SEARCH**

**ERIS DATABASE REPORT**

**Ministry of the Environment,  
Conservation and Parks**

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

**Ministère de l'Environnement, de  
la Protection de la nature et des  
Parcs**

Bureau de l'accès à l'information et  
de la protection de la vie privée  
12<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél. : (416) 314-4075  
Télééc.: (416) 314-4285



September 13, 2021

Jeremy Camposarcone  
Paterson Group  
154 Colonnade Road South  
Ottawa, ON K2E 7J5

Dear Jeremy Camposarcone:

RE: ***Freedom of Information and Protection of Privacy Act Request***  
**Our File # A-2021-01155, Your Reference PE5050**

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 439 Churchill Avenue North, Ottawa.

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Assessment and Permissions Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is \$30.00 for 1 hour of search time @ \$30.00 per hour. **We have applied the \$30.00 for this request from your initial payment. This file is now closed.**

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Hira Ashraf at (647) 642-9681 or [hira.ashraf@ontario.ca](mailto:hira.ashraf@ontario.ca).

Yours truly,

Noel Kent  
Manager, Access and Privacy

## Jeremy Camposarcone

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**From:** Public Information Services <publicinformationsservices@tssa.org>  
**Sent:** February 23, 2021 3:05 PM  
**To:** Jeremy Camposarcone  
**Subject:** RE: Recrods Search Request

Good afternoon,

Thank you for your request for confirmation of public information.

We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at [https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?\\_mid\\_=392](https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392) and email the completed form to [publicinformationsservices@tssa.org](mailto:publicinformationsservices@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.

Thanks,



**Sherees Thompson | Public Information Agent**

Facilities  
345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: [sthompson@tssa.org](mailto:sthompson@tssa.org)  
[www.tssa.org](http://www.tssa.org)



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**From:** Jeremy Camposarcone <JCamposarcone@Patersongroup.ca>  
**Sent:** February 23, 2021 2:18 PM  
**To:** Public Information Services <publicinformationsservices@tssa.org>  
**Subject:** Recrods Search Request

**[CAUTION]:** This email originated outside the organisation.  
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good afternoon,

Could you please complete a search of your records for **underground/aboveground storage tanks, historical spills, or other incidents/infractions** for the following addresses in Ottawa, Ontario:

Churchill Avenue North: 439, 435, 433, 440, 445, 430, 450, 424, 449;  
Ravenhill Avenue East: 345

Best regards,

Jeremy Camposarcone, B.Eng

**paterongroup**  
**solution oriented engineering**  
**over 60 years serving our clients**

154 Colonnade Road South  
Ottawa, Ontario, K2E 7J5  
Tel: (613) 226-7381  
Cell: (343) 999-7255

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

Measurements recorded in:  Metric  Imperial

**Well Owner's Information**

First Name	Last Name / Organization	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner	
Springcross Properties				
Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
6 Gurdwara Road	Ottawa	Ont	K1A1S1A3	

**Well Location**

Address of Well Location (Street Number/Name)	Township	Lot	Concession
450 Churchill Ave - North	Ottawa	Lot 10.11	
County/District/Municipality	City/Town/Village	Province	Postal Code
Ottawa Carleton	Ottawa	Ontario	
UTM Coordinates Zone Easting Northing	Municipal Plan and Sublot Number	Other	
NAD 83 184410775026557	Plan 204		

**Overburden and Bedrock Materials/Abandonment Sealing Record** (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
dark brown	sand		Silty sand	0	2.67
			Concrete	2.67	3.05
grey			Limestone Bedrock	3.05	7.95
1 well installed					

Annular Space			
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m <sup>3</sup> /ft <sup>3</sup> )	
From	To		
0	3.70 bentonite pellets	1/2 pail	
3.70	7.95 filter sand	1/2 bag	

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary (Conventional) <input type="checkbox"/> Rotary (Reverse) <input type="checkbox"/> Boring <input type="checkbox"/> Air percussion <input type="checkbox"/> Other, specify	<input checked="" type="checkbox"/> Diamond <input type="checkbox"/> Jetting <input type="checkbox"/> Driving <input type="checkbox"/> Digging <input type="checkbox"/> Public <input type="checkbox"/> Commercial <input type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Other, specify

Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		
			From	To	
3.5	plastic	0.3	0	4.25	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify <input type="checkbox"/> Other, specify

Construction Record - Screen				
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
4.1	plastic	10	4.25	7.95

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Depth (m/ft)	Diameter (cm/in)
		From	To
		0	3.10 7.5
		3.10	7.95 5.6

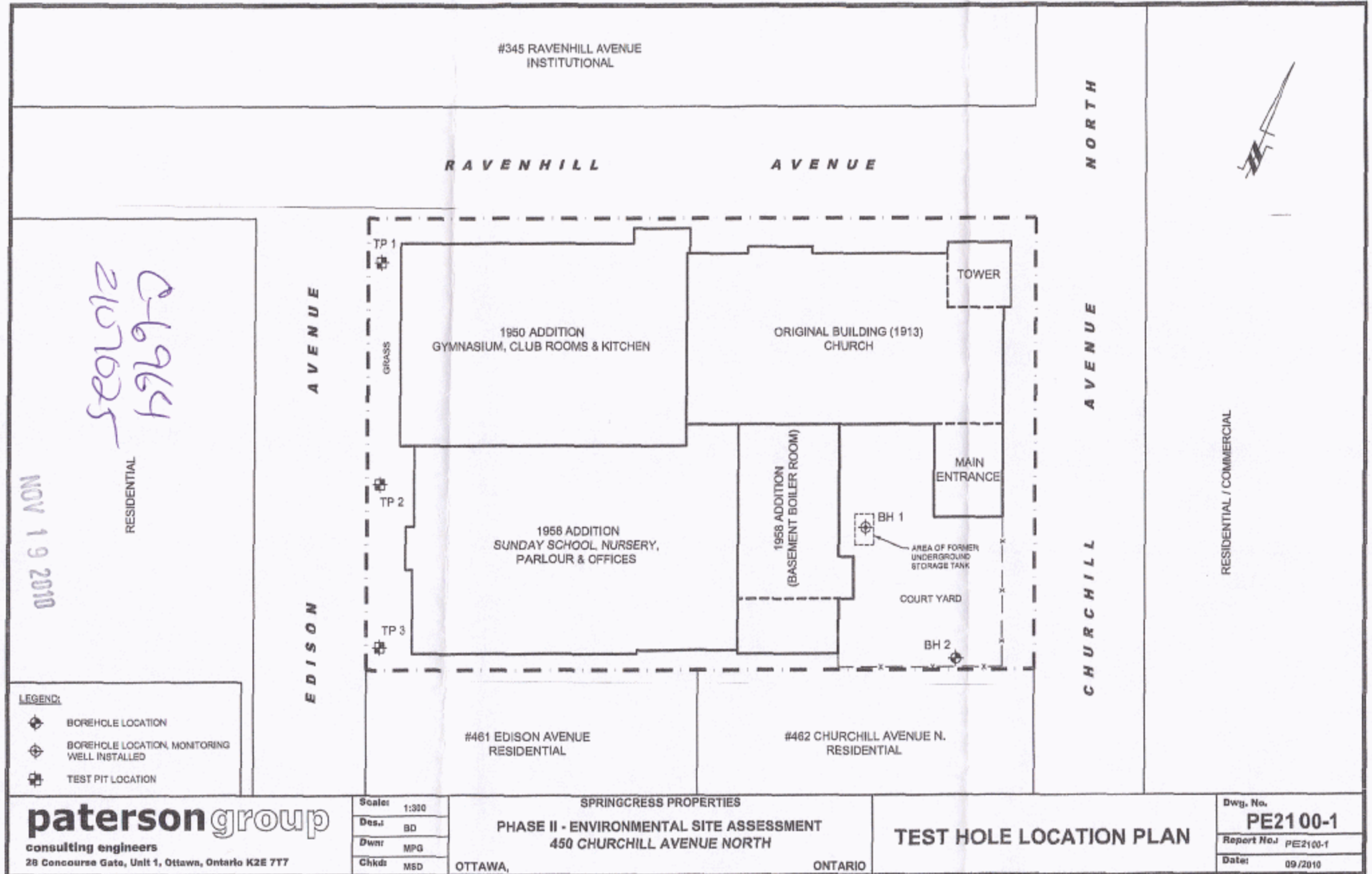
Well Contractor and Well Technician Information	
Business Name of Well Contractor	Well Contractor's Licence No.
OGS INC	6191614
Business Address (Street Number/Name)	Municipality
5518 Appleton Side Road	Almonte
Province	Postal Code
Ontario	K0A1A0
Business E-mail Address	
oasinc@bellnet.ca	
Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
613-256-7666	Echlin, Chad
Well Technician's Licence No.	Signature of Technician and/or Contractor
312199	
	Date Submitted
	2010/11/06

Results of Well Yield Testing					
After test of well yield, water was:		Draw Down		Recovery	
<input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify		Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:		Static Level			
		1		1	
Pump intake set at (m/ft)		2		2	
Pumping rate (l/min / GPM)		3		3	
		4		4	
Duration of pumping hrs + min		5		5	
Final water level end of pumping (m/ft)		10		10	
If flowing give rate (l/min / GPM)		15		15	
		20		20	
Recommended pump depth (m/ft)		25		25	
Recommended pump rate (l/min / GPM)		30		30	
Well production (l/min / GPM)		40		40	
Disinfected?		50		50	
<input type="checkbox"/> Yes <input type="checkbox"/> No		60		60	

Map of Well Location	
Please provide a map below following instructions on the back.	
Site plan and area map are enclosed.	
Comments:	

Well owner's information package delivered		Date Package Delivered		Ministry Use Only	
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Y Y Y Y M M D D		Audit No.	2107025
		Date Work Completed		NOV 19 2010	
		2010/09/15		Received	

Ottawa



2107625  
246964

NOV 19 2010

RESIDENTIAL

EDISON AVENUE

EDISON AVENUE

RAVENHILL AVENUE

NORTH

CHURCHILL AVENUE

CHURCHILL AVENUE N.

RESIDENTIAL / COMMERCIAL

- LEGEND:**
- BOREHOLE LOCATION
  - BOREHOLE LOCATION, MONITORING WELL INSTALLED
  - TEST PIT LOCATION

**paterson group**  
 consulting engineers  
 28 Concourse Gate, Unit 1, Ottawa, Ontario K2E 7T7

Scale: 1:300  
 Des.: BD  
 Dwnr: MPG  
 Chkd: MSD

SPRINGCRESS PROPERTIES  
 PHASE II - ENVIRONMENTAL SITE ASSESSMENT  
 450 CHURCHILL AVENUE NORTH  
 OTTAWA, ONTARIO

**TEST HOLE LOCATION PLAN**

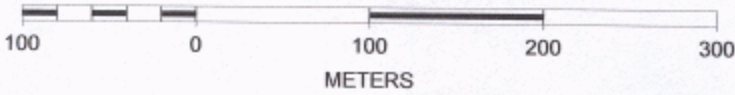
Dwg. No. **PE21 00-1**  
 Report No. PE2100-1  
 Date: 09/2010

# Ottawa

- Roads
- Transportation
- Property
  - Property Parcels
- Surface Water
- Boundaries



SCALE 1 : 4,537



C-6969  
210705-

NOV 19 2010



Measurements recorded in:  Metric  Imperial

Address of Well Location (Street Number/Name) **337 Richmond Rd** Township \_\_\_\_\_ Lot \_\_\_\_\_ Concession \_\_\_\_\_  
 County/District/Municipality \_\_\_\_\_ City/Town/Village **Ottawa** Province **Ontario** Postal Code \_\_\_\_\_  
 UTM Coordinates Zone Easting Northing Municipal Plan and Sublot Number Other \_\_\_\_\_  
 NAD 83 **484409715026319**

**Overburden and Bedrock Materials/Abandonment Sealing Record** (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
Brown	Sand	Gravel	Soft, dry	0	.61
Grey	limestone		Hard, dry	.61	9.14

**Annular Space**

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m <sup>3</sup> /ft <sup>3</sup> )
0 .31	Concrete / flush mount	
.31 1.5	Benseal	
1.5 9.14	Sand	

**Results of Well Yield Testing**

After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify _____	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:	Static Level			
	1		1	
Pump intake set at (m/ft)	2		2	
Pumping rate (l/min / GPM)	3		3	
Duration of pumping _____ hrs + _____ min	4		4	
Final water level end of pumping (m/ft)	5		5	
If flowing give rate (l/min / GPM)	10		10	
	15		15	
Recommended pump depth (m/ft)	20		20	
Recommended pump rate (l/min / GPM)	25		25	
Well production (l/min / GPM)	30		30	
Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No	40		40	
	50		50	
	60		60	

**Method of Construction**

Cable Tool  Diamond  Public  Commercial  Not used  
 Rotary (Conventional)  Jetting  Domestic  Municipal  Dewatering  
 Rotary (Reverse)  Driving  Livestock  Test Hole  Monitoring  
 Boring  Digging  Irrigation  Cooling & Air Conditioning  
 Air percussion  Industrial  Other, specify \_\_\_\_\_  
 Other, specify \_\_\_\_\_

**Construction Record - Casing**

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
4.03	PVC	.368	0	1.5	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

**Construction Record - Screen**

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
4.82	PVC	10	1.5	9.14

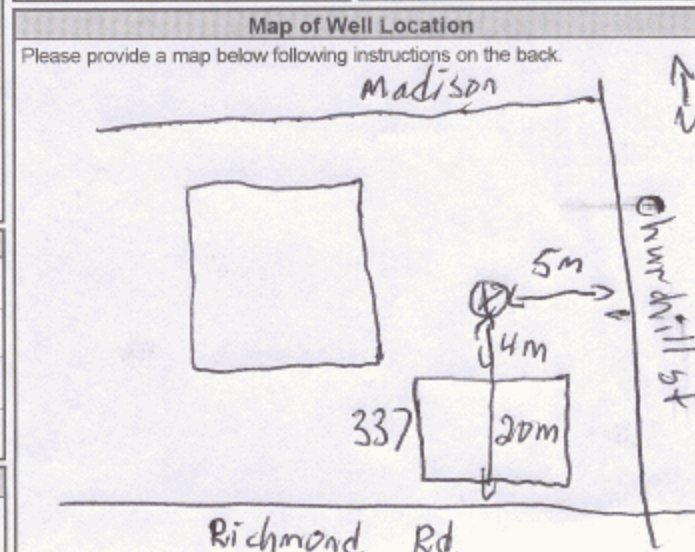
**Water Details**

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	Depth (m/ft)	Diameter (cm/in)
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	0 9.14	5.71
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____		
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____		

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: **Strata Soil Sampling** Well Contractor's Licence No.: **7241**  
 Business Address (Street Number/Name): **147-2 West Beaver Creek Rd** Municipality: **Richmond Hill**  
 Province: **ON** Postal Code: **L4B1C6** Business E-mail Address: **wrecords@stratasoil.com**

Bus. Telephone No. (inc. area code): **9057649304** Name of Well Technician (Last Name, First Name): **Beatty Brian**  
 Well Technician's Licence No.: **3616** Signature of Technician and/or Contractor: *[Signature]* Date Submitted: **20110911**



Comments:

**Well owner's information**  
 Date Package Delivered: **20110908**  
 Date Work Completed: **20110908**

**Ministry Use Only**  
 Audit No.: **z134378**  
 Received: **NOV 15 2011**

## Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

## Well ID

Well ID Number: 7198182

Well Audit Number: Z163364

Well Tag Number: A141813

*This table contains information from the original well record and any subsequent updates.*

## Well Location

<b>Address of Well Location</b>	380 RICHMOND ROAD
<b>Township</b>	NEPEAN TOWNSHIP
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	OTTAWA
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 440878.00 Northing: 5026667.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
RED				0 m	.31 m
GREY	GRVL	SAND	LOOS	.31 m	.61 m
BRWN	SAND	GRVL	SOFT	.61 m	1.22 m
GREY	LMSN		LYRD	1.22 m	10.67 m

## Annular Space/Abandonment Sealing Record

Depth	Depth	Type of Sealant Used	Volume
-------	-------	----------------------	--------

From	To	(Material and Type)	Placed
0 m	.31 m	CONCRETE/FLUSHMOUNT	
.31 m	7.01 m	BENTONITE	
7.01 m	10.67 m	FILTER SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Monitoring and Test Hole

## Status of Well

Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC	0 m	7.62 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	7.62 m	10.67 m

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

## Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

## Water Details

Water Found at Depth	Kind
----------------------	------

## Hole Diameter

Depth From	Depth To	Diameter
0 m	1.52 m	11.43 cm
1.52 m	10.67 m	7.62 cm

**Audit Number:** Z163364

**Date Well Completed:** January 25, 2013

**Date Well Record Received by MOE:** March 07, 2013

Updated: January 24, 2020



Measurements recorded in:  Metric  Imperial

Well Owner's Information

First Name, Last Name / Organization (Churchill Alternative School), E-mail Address, Mailing Address (345 Ravenhill Ave.), Municipality (Ottawa), Province (Ontario), Postal Code (K2A 0J5), Telephone No. (613 596 8762)

Well Location

Address of Well Location (345 Ravenhill Ave. Well #3), Township (Ottawa), Lot (345), County/District/Municipality (Ottawa Carleton), City/Town/Village (Ottawa), Province (Ontario), UTM Coordinates (NAD 83 18 441053 5026604)

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To

Annular Space table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used; Volume Placed (m³/ft³)

Results of Well Yield Testing table with columns: Draw Down (Time, Water Level), Recovery (Time, Water Level)

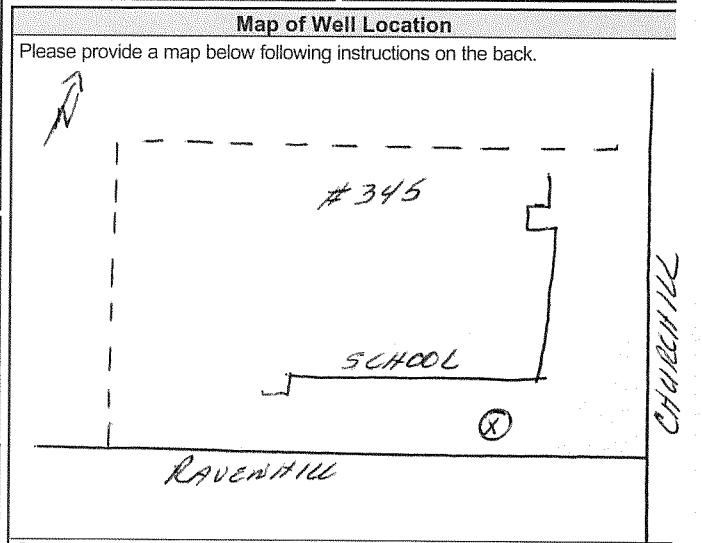
Method of Construction and Well Use table with checkboxes for Cable Tool, Rotary, Boring, etc.

Construction Record - Casing and Status of Well table with columns for Inside Diameter, Open Hole OR Material, Wall Thickness, Depth, and checkboxes for Water Supply, etc.

Construction Record - Screen table with columns for Outside Diameter, Material, Slot No., Depth

Water Details and Hole Diameter table with columns for Water found at Depth, Kind of Water, Depth, Diameter

Well Contractor and Well Technician Information form with fields for Business Name (Capital Water Supply Ltd.), Licence No., Address, Municipality (Stittsville), Province (Ontario), Postal Code (K2S 1A6), Business E-mail Address (office@capitalwater.ca), Name of Well Technician (Miller, Stephen), Signature, Date Submitted (20130726)



Comments:

Well owner's information package delivered (Yes/No), Date Package Delivered (20130725), Date Work Completed (20130725)

Ministry Use Only table with Audit No. (Z 172517)



Measurements recorded in:  Metric  Imperial

Well Owner's Information

First Name, Last Name / Organization (Churchill Alternative School), E-mail Address, Mailing Address (345 Ravenhill Ave.), Municipality (Ottawa), Province (Ontario), Postal Code (K2A 0J5), Telephone No. (613 596 8767)

Well Location

Address of Well Location (345 Ravenhill Ave. Well #4), Township (Ottawa), Lot (345), County/District/Municipality (Ottawa Carleton), City/Town/Village (Ottawa), Province (Ontario), UTM Coordinates (NAD 83 18 441043 5026629)

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To

Annular Space: Depth Set at (137.15 to 1.82), Type of Sealant Used (Grouted with clear washed 3/4 inch gravel and 3/4 inch Bentonite Hole Plug), Volume Placed

Method of Construction (Cable Tool, Rotary, Boring, etc.), Well Use (Public, Commercial, Domestic, etc.)

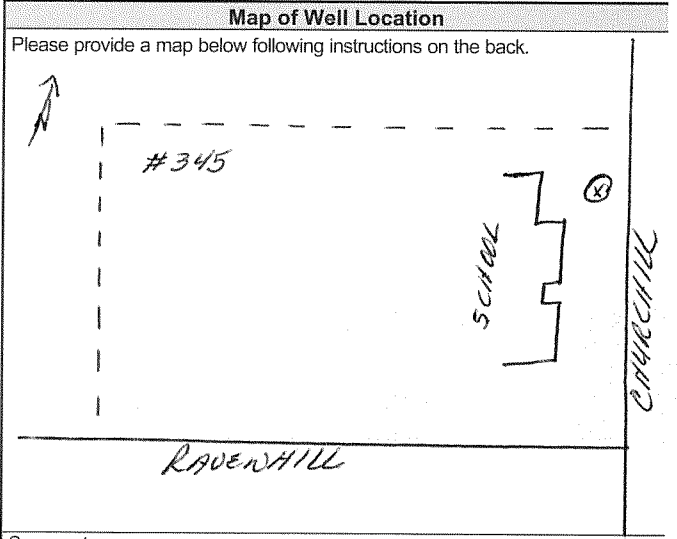
Construction Record - Casing: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth, Status of Well (Water Supply, Replacement Well, etc.)

Construction Record - Screen: Outside Diameter, Material, Slot No., Depth, Status of Well

Water Details: Water found at Depth, Kind of Water (Fresh, Untested, Gas), Hole Diameter (Depth, Diameter)

Well Contractor and Well Technician Information: Business Name (Capital Water Supply Ltd.), Well Contractor's Licence No. (1558), Business Address (Box 490, Stittsville), Business E-mail Address (office@capitalwater.ca), Name of Well Technician (Miller, Stephen)

Results of Well Yield Testing: After test of well yield, water was (Clear and sand free), Draw Down (Time, Water Level), Recovery (Time, Water Level), Pump intake set at, Pumping rate, Duration of pumping, Final water level end of pumping, If flowing give rate, Recommended pump depth, Recommended pump rate, Well production, Disinfected?



Well Technician's Licence No. (0097), Signature of Technician and/or Contractor, Date Submitted (20130726)

Well owner's information package delivered (Yes/No), Date Package Delivered (20130725), Date Work Completed (20130725), Ministry Use Only (Audit No. Z172516)



Measurements recorded in:  Metric  Imperial

Well Owner's Information

First Name, Last Name / Organization, E-mail Address, Mailing Address, Municipality, Province, Postal Code, Telephone No.

Well Location

Address of Well Location, Township, Lot, Concession, County/District/Municipality, City/Town/Village, Province, Postal Code, UTM Coordinates, Zone, Easting, Northing, Municipal Plan and Sublot Number, Other

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To

Annular Space table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used, Volume Placed

Results of Well Yield Testing table with columns: Draw Down, Recovery, Time (min), Water Level (m/ft)

Method of Construction and Well Use table with checkboxes for Cable Tool, Rotary, Boring, etc.

Construction Record - Casing and Status of Well table with columns: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth, Status checkboxes

Construction Record - Screen table with columns: Outside Diameter, Material, Slot No., Depth

Water Details and Hole Diameter table with columns: Water found at Depth, Kind of Water, Depth, Diameter

Well Contractor and Well Technician Information table with fields for Business Name, Licence No., Address, E-mail, Technician Name

Map of Well Location section with a hand-drawn map showing 'UNDER DECK', 'FIRE ROUTE', and 'RAVENHILL'.

Well Contractor and Well Technician Information continuation table with fields for Business Address, Province, Postal Code, E-mail, Telephone No., Technician Name, Signature, Date Submitted

Ministry Use Only section with fields for Well owner's information package delivered, Date Package Delivered, Date Work Completed, Audit No., Z 172518



Measurements recorded in:  Metric  Imperial

Well Owner's Information

First Name, Last Name / Organization (Churchill Alternative School), E-mail Address, Mailing Address (345 Ravenhill Ave.), Municipality (Ottawa), Province (Ontario), Postal Code (K2A 0J5), Telephone No. (613 596 8762)

Well Location

Address of Well Location (345 Ravenhill Ave. Well #1), Township (Ottawa), Lot (345), County/District/Municipality (Ottawa Carleton), City/Town/Village (Ottawa), Province (Ontario), UTM Coordinates (NAD 83 18 440923 5226562)

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To

Annular Space: Depth Set at (137.15 to 1.82), Type of Sealant Used (Grouted with clear washed 3/4 inch gravel and 3/4 inch Bentonite Hole Plug), Volume Placed

Method of Construction (Cable Tool, Rotary, Boring, etc.), Well Use (Public, Commercial, etc.)

Construction Record - Casing: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth, Status of Well (Water Supply, Replacement Well, etc.)

Construction Record - Screen: Outside Diameter, Material, Slot No., Depth, Status of Well

Water Details: Water found at Depth, Kind of Water (Fresh, Untested, Gas), Hole Diameter (Depth, Diameter)

Well Contractor and Well Technician Information: Business Name (Capital Water Supply Ltd.), Well Contractor's Licence No. (1558), Business Address (Box 490, Stittsville), Well Technician (Miller, Stephen)

Results of Well Yield Testing: After test of well yield, water was (Clear and sand free), Draw Down (Time, Water Level), Recovery (Time, Water Level), Pumping rate, Duration of pumping, Final water level end of pumping, Recommended pump depth, Recommended pump rate, Well production, Disinfected?

Map of Well Location: Please provide a map below following instructions on the back. Includes a hand-drawn map showing the well location at 345 Ravenhill, with a fire route and Churchill street labeled.

Well Contractor and Well Technician Information (continued): Business E-mail Address (office@capitalwater.ca), Bus. Telephone No. (613 836 1766), Name of Well Technician (Miller, Stephen), Well Technician's Licence No. (0097), Signature of Technician and/or Contractor, Date Submitted (20130726)

Ministry Use Only: Well owner's information package delivered (Yes/No), Date Package Delivered (YYYYMMDD), Date Work Completed (YYYYMMDD), Audit No. (Z 172519), Received (20130725)





Well Tag #: A189841  
A189841

Measurements recorded in:  Metric  Imperial

Address of Well Location (Street Number/Name): 324 Richmond Rd  
Township: [blank] Lot: [blank] Concession: [blank]  
County/District/Municipality: [blank] City/Town/Village: Ottawa  
Province: Ontario Postal Code: [blank]  
UTM Coordinates Zone: NAD 83 Easting: 118441 Northing: 0375026775  
Municipal Plan and Sublot Number: [blank] Other: [blank]

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
BLK	Asphalt	Gravel	hard, packed	0	1
BRN	medium sand	Gravel	soft, loose	1	3
GRY	Limestone		Layered, hard	3	4

Annular Space

Depth Set at (m/ft) From	Depth Set at (m/ft) To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	1	Concrete/Plushant	
1	19	hole plug	
2	19	benlate slurry	
19	40	filter sand	

Method of Construction:  Direct push  
Well Use:  Municipal  Test Hole  Monitoring

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To	Status of Well
1.38	PVC	.14	0	20	<input checked="" type="checkbox"/> Observation and/or Monitoring Hole

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To	Status of Well
1.66	PVC	10	20	40	<input checked="" type="checkbox"/> Observation and/or Monitoring Hole

Water Details

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Hole Diameter Depth (m/ft) From	Hole Diameter Depth (m/ft) To	Hole Diameter Diameter (cm/in)
0		0	4	2.875
4		4	40	2.375

Well Contractor and Well Technician Information  
Business Name of Well Contractor: Stata Drilling Group  
Well Contractor's Licence No.: 7121411  
Business Address (Street Number/Name): 165 Shields Court  
Municipality: Markham  
Province: ON Postal Code: L3R 8A2 Business E-mail Address: wrecor@stata.com  
Bus. Telephone No. (inc. area code): 416 764 9399 Name of Well Technician (Last Name, First Name): Beatty, Brian  
Well Technician's Licence No.: B16116 Signature of Technician and/or Contractor: [Signature] Date Submitted: 20170820

Results of Well Yield Testing

After test of well yield, water was:	Draw Down		Recovery	
<input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:	Static Level			
	1		1	
Pump intake set at (m/ft)	2		2	
Pumping rate (l/min / GPM)	3		3	
Duration of pumping _____ hrs + _____ min	4		4	
Final water level end of pumping (m/ft)	5		5	
	10		10	
If flowing give rate (l/min / GPM)	15		15	
	20		20	
Recommended pump depth (m/ft)	25		25	
Recommended pump rate (l/min / GPM)	30		30	
	40		40	
Well production (l/min / GPM)	50		50	
	60		60	
Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No				

Map of Well Location  
Please provide a map below following instructions on the back.  
R. chmond Rd  
[Hand-drawn map showing well location on Richmond Rd with dimensions 12' x 12' and 324']  
Comments: Pacha General Contractor  
Well owner's information package delivered:  Yes  No  
Date Package Delivered: YYY/YY/DD  
Date Work Completed: 20170820  
Ministry Use Only  
Audit No.: 2258542  
SEP 29 2017  
Received: [Signature]

## Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

## Well ID

Well ID Number: 7303998

Well Audit Number: Z277536

Well Tag Number: A182773

*This table contains information from the original well record and any subsequent updates.*

## Well Location

<b>Address of Well Location</b>	388 RICHMOND ROAD
<b>Township</b>	OTTAWA CITY
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	OTTAWA
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 440856.00 Northing: 5026632.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	CSND	GRVL		0 ft	1 ft
BRWN	SAND	SILT		1 ft	3 ft

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	1 ft	CONCRETE	

1 ft 2 ft BENSEAL  
2 ft 3 ft FILTER SAND

## Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring Test Hole

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.049 inch	PLASTIC	0 ft	2 ft

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.315 inch	PLASTIC	2 ft	3 ft

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

- After test of well yield, water was
- If pumping discontinued, give reason
- Pump intake set at
- Pumping Rate
- Duration of Pumping
- Final water level
- If flowing give rate
- Recommended pump depth
- Recommended pump rate
- Well Production
- Disinfected?

## Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL	
1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

**Water Details**

Water Found at Depth	Kind
----------------------	------

**Hole Diameter**

Depth From	Depth To	Diameter
0 ft	3 ft	2.375 inch

**Audit Number:** Z277536

**Date Well Completed:** December 15, 2017

**Date Well Record Received by MOE:** January 19, 2018

Updated: January 24, 2020

**Map: Well records**

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

**Well ID**

Well ID Number: 7303999  
 Well Audit Number: Z277537  
 Well Tag Number: A189804

*This table contains information from the original well record and any subsequent updates.*

**Well Location**

<b>Address of Well Location</b>	388 RICHMOND ROAD
<b>Township</b>	OTTAWA CITY
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	OTTAWA
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 440852.00 Northing: 5026639.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

**Overburden and Bedrock Materials Interval**

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	CSND	GRVL		0 ft	1 ft
BRWN	SAND	SILT		1 ft	3.5 ft

**Annular Space/Abandonment Sealing Record**

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	1 ft	CONCRETE FLUSHMOUNT	

1 ft    2 ft    BENSEAL  
2 ft    3.5 ft    FILTER SAND

## Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring Test Hole

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.9 inch	PLASTIC	0 ft	2.5 ft

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.61 inch	PLASTIC	2.5 ft	3.5 ft

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

- After test of well yield, water was
- If pumping discontinued, give reason
- Pump intake set at
- Pumping Rate
- Duration of Pumping
- Final water level
- If flowing give rate
- Recommended pump depth
- Recommended pump rate
- Well Production
- Disinfected?

## Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL	
1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

**Water Details**

Water Found at Depth	Kind
----------------------	------

**Hole Diameter**

Depth From	Depth To	Diameter
0 ft	3.5 ft	3.25 inch

**Audit Number:** Z277537

**Date Well Completed:** December 15, 2017

**Date Well Record Received by MOE:** January 19, 2018

Updated: January 24, 2020

## Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

## Well ID

Well ID Number: 7305577

Well Audit Number: Z277516

Well Tag Number: A190061

*This table contains information from the original well record and any subsequent updates.*

## Well Location

<b>Address of Well Location</b>	388 RICHMOND RD
<b>Township</b>	OTTAWA CITY
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	OTTAWA
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 440864.00 Northing: 5026730.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	SAND	SILT	LOOS	0 ft	3.5 ft
GREY	LMSN		HARD	3.5 ft	5.5 ft
GREY	LMSN		HARD	5.5 ft	11 ft

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	--	---------------



0 ft	1 ft	CONCRETE
1 ft	5.5 ft	BENTONITE
5.5 ft	11 ft	SAND

## Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring Test Hole

## Status of Well

Observation Wells

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.38 inch	PLASTIC	0 ft	6 ft

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.66 inch	PLASTIC	6 ft	11 ft

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

## Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

### Water Details

Water Found at Depth	Kind

### Hole Diameter

Depth From	Depth To	Diameter
0 ft	4 ft	2.875 inch
4 ft	11 ft	2.375 inch

**Audit Number:** Z277516

**Date Well Completed:** January 16, 2018

**Date Well Record Received by MOE:** February 13, 2018

Updated: January 24, 2020

## Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

## Well ID

Well ID Number: 7305578

Well Audit Number: Z277515

Well Tag Number: A189839

*This table contains information from the original well record and any subsequent updates.*

## Well Location

<b>Address of Well Location</b>	388 RICHMOND RD
<b>Township</b>	OTTAWA CITY
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	OTTAWA
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 440848.00 Northing: 5026642.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	STNS			0 ft	1 ft
BRWN	SAND	SILT		1 ft	3 ft
GREY	LMSN		HARD	3 ft	5 ft

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	--	---------------

0 ft	1 ft	CONCRETE
1 ft	2 ft	BENTONITE
2 ft	5 ft	SAND

## Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring Test Hole

## Status of Well

Observation Wells

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.38 inch	PLASTIC	0 ft	2 ft

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.66 inch	PLASTIC	2 ft	5 ft

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

## Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

**Water Details**

Water Found at Depth	Kind

**Hole Diameter**

Depth From	Depth To	Diameter
0 ft	4 ft	2.875 inch
4 ft	5 ft	2.375 inch

**Audit Number:** Z277515

**Date Well Completed:** January 16, 2018

**Date Well Record Received by MOE:** February 13, 2018

Updated: January 24, 2020

## Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

## Well ID

Well ID Number: 7346073

Well Audit Number: Z298271

Well Tag Number: A274737

*This table contains information from the original well record and any subsequent updates.*

## Well Location

<b>Address of Well Location</b>	298 Richmond Road
<b>Township</b>	NEPEAN TOWNSHIP
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	Ottawa
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 441147.00 Northing: 5026869.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BLCK	----	GRVL	DNSE	0 m	.31 m
BRWN	SAND	STNS	CLAY	.31 m	2.44 m
GREY	LMSN		LYRD	2.44 m	10.06 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	--	---------------

0 m .31 m CONCRETE FLUSHMOUNT  
.31 m 6.7 m BENTONITE  
6.7 m 10.06 m FILTER SAND

## Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Monitoring and Test Hole

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC	0 m	7.01 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	7.01 m	10.06 m

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

## Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

### Water Details

Water Found at Depth	Kind
----------------------	------

### Hole Diameter

Depth From	Depth To	Diameter
0 m	2.74 m	11.43 cm
2.74 m	10.06 m	7.62 cm

**Audit Number:** Z298271

**Date Well Completed:** September 17, 2019

**Date Well Record Received by MOE:** October 30, 2019

Updated: January 24, 2020



## Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

## Well ID

Well ID Number: 7346074

Well Audit Number: Z298270

Well Tag Number: A274736

*This table contains information from the original well record and any subsequent updates.*

## Well Location

<b>Address of Well Location</b>	298 Richmond Road
<b>Township</b>	NEPEAN TOWNSHIP
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	Ottawa
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 441140.00 Northing: 5026862.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BLCK	----	GRVL	DNSE	0 m	.31 m
BRWN	SAND		SOFT	.31 m	1.22 m
GREY	LMSN		LYRD	1.22 m	5.49 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	--	---------------

0 m .31 m CONCRETE FLUSHMOUNT  
.31 m 2.13 m BENTONITE  
2.13 m 5.49 m FILTER SAND

## Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Monitoring and Test Hole

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC	0 m	2.44 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	2.44 m	5.47 m

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

## Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

### Water Details

Water Found at Depth	Kind
----------------------	------

### Hole Diameter

Depth From	Depth To	Diameter
0 m	2.44 m	11.43 cm
2.44 m	5.49 m	7.62 cm

**Audit Number:** Z298270

**Date Well Completed:** September 17, 2019

**Date Well Record Received by MOE:** October 30, 2019

Updated: January 24, 2020

**Map: Well records**

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

**Well ID**

Well ID Number: 7354248  
 Well Audit Number: Z333374  
 Well Tag Number: A282443

*This table contains information from the original well record and any subsequent updates.*

**Well Location**

<b>Address of Well Location</b>	380 winona ave
<b>Township</b>	OTTAWA CITY
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	Ottawa
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 441030.00 Northing: 5026873.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

**Overburden and Bedrock Materials Interval**

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	GRVL	----	LOOS	0 m	.62 m
GREY	LMSN			.62 m	7.75 m

**Annular Space/Abandonment Sealing Record**

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE FLUSHMOUNT	

.51 m 4.34 m BENTONITE  
4.34 m 7.75 m SAND

## Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Monitoring Test Hole

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	4.65 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	4.65 m	7.75 m

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

## Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL	
1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

### Water Details

Water Found at Depth	Kind
----------------------	------

### Hole Diameter

Depth From	Depth To	Diameter
0 m	.62 m	12.7 cm
.62 m	7.75 m	8.3 cm

**Audit Number:** Z333374

**Date Well Completed:** January 16, 2020

**Date Well Record Received by MOE:** February 19, 2020

Updated: January 24, 2020

## Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

## Well ID

Well ID Number: 7354249

Well Audit Number: Z333375

Well Tag Number: A282442

*This table contains information from the original well record and any subsequent updates.*

## Well Location

<b>Address of Well Location</b>	380 winona ave
<b>Township</b>	OTTAWA CITY
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	Ottawa
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 441016.00 Northing: 5026866.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	GRVL	----	LOOS	0 m	1.24 m
GREY	LMSN			1.24 m	6.1 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE FLUSHMOUNT	

.31 m 2.79 m BENTONITE  
2.79 m 6.1 m SAND

## Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Monitoring Test Hole

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	3.1 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	3.1 m	6.1 m

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

## Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------



SWL	
1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

### Water Details

Water Found at Depth	Kind
----------------------	------

### Hole Diameter

Depth From	Depth To	Diameter
0 m	1.24 m	12.7 cm
1.24 m	6.1 m	8.3 cm

**Audit Number:** Z333375

**Date Well Completed:** January 16, 2020

**Date Well Record Received by MOE:** February 19, 2020

Updated: January 24, 2020

**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 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:   
\* Mandatory Field

### Applicant/Agent Information:

Name:   
Mailing Address:   
Telephone:  Email Address:

### Registered Property Owner Information: Same as above

Name:   
Mailing Address:   
Telephone:  Email Address:

### Site Details

Legal Description and PIN:

Part of Lot 31, Concession 1, City of Ottawa

What is the land currently used for?

Commercial

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 Paterson Group ("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: 

Dated (dd/mm/yyyy): 23/02/2021

Per: Jeremy Camposarcone

(Please print name)

Title: Environmental EIT

Company: Paterson Group



# DATABASE REPORT

**Project Property:** *PE5189 - Phase I ESA - 439 Churchill Avenue North  
439 Churchill Avenue North  
Ottawa ON K1Z 5E1  
P.O.31942/PE5189*

**Project No:** *P.O.31942/PE5189*

**Report Type:** *Standard Report*

**Order No:** *21022600123*

**Requested by:** *Paterson Group Inc.*

**Date Completed:** *March 3, 2021*

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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.

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# Executive Summary

## Property Information:

**Project Property:** PE5189 - Phase I ESA - 439 Churchill Avenue North  
439 Churchill Avenue North Ottawa ON K1Z 5E1

**Project No:** P.O.31942/PE5189

## **Coordinates:**

**Latitude:** 45.390686  
**Longitude:** -75.7526435  
**UTM Northing:** 5,026,627.64  
**UTM Easting:** 441,084.71  
**UTM Zone:** 18T

**Elevation:** 235 FT  
71.53 M

## Order Information:

**Order No:** 21022600123  
**Date Requested:** February 26, 2021  
**Requested by:** Paterson Group Inc.  
**Report Type:** Standard Report

## Historical/Products:

**Insurance Products** Fire Insurance Maps/Inspection Reports/Site Plans

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	3	3
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	1	1
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<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
DTNK	<i>Delisted Fuel Tanks</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	2	2
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	27	27
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	3	3
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
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	3	3
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	2	2
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	53	53
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	2	2



<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Within 0.25 km</b>	<b>Total</b>
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	2	2
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &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
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	5	5
PINC	<i>Pipeline Incidents</i>	Y	0	5	5
PRT	<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	1	1
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	4	4
SPL	<i>Ontario Spills</i>	Y	0	11	11
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	13	13
<b>Total:</b>			0	139	139

## 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>	WWIS		345 RAVENHURST AVE. WELL #3 Ottawa ON <b>Well ID:</b> 7218228	WSW/39.6	0.26	<a href="#">36</a>
<a href="#">2</a>	WWIS		345 RAVENHURST AVE. WELL #4 Ottawa ON <b>Well ID:</b> 7218229	W/41.7	-0.74	<a href="#">37</a>
<a href="#">3</a>	WWIS		450 CHURCHILL AVENUE NORTH Ottawa ON <b>Well ID:</b> 7154750	S/71.1	0.82	<a href="#">39</a>
<a href="#">4</a>	RSC	Mr. Arnold Midgley, The Trustees of Kitchissippi United Church	450 Churchill Avenue North, Ottawa, Ontario, K1Z 5E2 ON K1Z 5E2	SSW/82.0	0.23	<a href="#">42</a>
<a href="#">5</a>	EHS		424 Churchill Avenue Ottawa ON K1Z 5C8	WNW/92.0	-1.64	<a href="#">43</a>
<a href="#">5</a>	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1N 6B5	WNW/92.0	-1.64	<a href="#">43</a>
<a href="#">5</a>	GEN	LAUNDRY LAND 24-215	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	WNW/92.0	-1.64	<a href="#">43</a>
<a href="#">5</a>	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	WNW/92.0	-1.64	<a href="#">43</a>
<a href="#">5</a>	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	WNW/92.0	-1.64	<a href="#">44</a>
<a href="#">5</a>	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	WNW/92.0	-1.64	<a href="#">44</a>
<a href="#">5</a>	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	WNW/92.0	-1.64	<a href="#">44</a>
<a href="#">5</a>	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	WNW/92.0	-1.64	<a href="#">45</a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">5</a>	GEN	LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON	WNW/92.0	-1.64	<a href="#">45</a>
<a href="#">5</a>	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	WNW/92.0	-1.64	<a href="#">45</a>
<a href="#">5</a>	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	WNW/92.0	-1.64	<a href="#">45</a>
<a href="#">5</a>	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	WNW/92.0	-1.64	<a href="#">46</a>
<a href="#">5</a>	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	WNW/92.0	-1.64	<a href="#">46</a>
<a href="#">5</a>	CDRY	Laundry Land Cleaning	424 Churchill Ave N Ottawa ON K1Z5C8	WNW/92.0	-1.64	<a href="#">46</a>
<a href="#">5</a>	GEN	LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	WNW/92.0	-1.64	<a href="#">47</a>
<a href="#">6</a>	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	W/97.8	-0.66	<a href="#">47</a>
<a href="#">6</a>	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	W/97.8	-0.66	<a href="#">47</a>
<a href="#">6</a>	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	W/97.8	-0.66	<a href="#">47</a>
<a href="#">6</a>	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	W/97.8	-0.66	<a href="#">48</a>
<a href="#">6</a>	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON	W/97.8	-0.66	<a href="#">48</a>
<a href="#">6</a>	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	W/97.8	-0.66	<a href="#">48</a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">6</a>	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	W/97.8	-0.66	<a href="#">49</a>
<a href="#">6</a>	GEN	Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	W/97.8	-0.66	<a href="#">49</a>
<a href="#">6</a>	GEN	Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	W/97.8	-0.66	<a href="#">49</a>
<a href="#">6</a>	GEN	Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	W/97.8	-0.66	<a href="#">50</a>
<a href="#">7</a>	MNR	SAMPLE 23	ON	SW/119.4	0.34	<a href="#">50</a>
<a href="#">7</a>	MNR	HIGHLAND PARK	ON	SW/119.4	0.34	<a href="#">51</a>
<a href="#">8</a>	GEN	Blyth Academy Ottawa	352 Danforth Ave Ottawa ON	WNW/122.1	-1.64	<a href="#">51</a>
<a href="#">8</a>	GEN	Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	WNW/122.1	-1.64	<a href="#">52</a>
<a href="#">8</a>	GEN	Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	WNW/122.1	-1.64	<a href="#">52</a>
<a href="#">8</a>	GEN	Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	WNW/122.1	-1.64	<a href="#">52</a>
<a href="#">9</a>	EHS		412 Churchill Ave Ottawa ON	NW/134.2	-2.74	<a href="#">53</a>
<a href="#">9</a>	EHS		412 Churchill Avenue Ottawa ON K1V 8Y5	NW/134.2	-2.74	<a href="#">53</a>
<a href="#">9</a>	SPL	Enbridge Gas Distribution Inc.	412 & 414 Churchill Ave. Ottawa ON	NW/134.2	-2.74	<a href="#">53</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="#">9</a>	INC		412 & 414 Churchill Avenue, Ottawa ON	NW/134.2	-2.74	<a href="#">53</a>
<a href="#">10</a>	GEN	ALBERT & SON ENGRAVERS	412B CHURCHILL AVE. OTTAWA ON K1Z 5C6	NW/134.3	-2.74	<a href="#">54</a>
<a href="#">11</a>	WWIS		345 RAVENHURST AVE. WELL #2 Ottawa ON <i>Well ID: 7218235</i>	WSW/134.5	-1.37	<a href="#">54</a>
<a href="#">12</a>	EHS		Byron Ottawa ON	W/136.0	-1.71	<a href="#">56</a>
<a href="#">13</a>	EHS		349 Danforth Avenue Ottawa ON K2A 0E1	WNW/139.6	-2.72	<a href="#">56</a>
<a href="#">13</a>	EHS		349 Danforth Avenue Ottawa ON K2A 0E1	WNW/139.6	-2.72	<a href="#">57</a>
<a href="#">13</a>	EHS		349 Danforth Avenue Ottawa ON K2A 0E1	WNW/139.6	-2.72	<a href="#">57</a>
<a href="#">14</a>	HINC		464 EVERED AVENUE OTTAWA ON K1Z 5K8	E/146.4	1.35	<a href="#">57</a>
<a href="#">15</a>	SPL	PRIVATE RESIDENCE	518 BYRON AVE. STORAGE TANK/BARREL OTTAWA CITY ON K2A 0E3	W/149.9	-1.67	<a href="#">57</a>
<a href="#">16</a>	EHS		354 Richmond Road Ottawa ON K2A 0E8	NW/154.3	-2.73	<a href="#">58</a>
<a href="#">16</a>	GEN	PEARL CLEANERS	354B RICHMOND ROAD OTTAWA ON K2A 0E8	NW/154.3	-2.73	<a href="#">58</a>
<a href="#">17</a>	WWIS		324 RICHMOND ROAD Ottawa ON <i>Well ID: 7295754</i>	NNW/154.9	-2.78	<a href="#">58</a>
<a href="#">18</a>	SCT	Valberg Imaging	322 Richmond Rd Ottawa ON K1Z 6X6	NNW/168.6	-2.78	<a href="#">62</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="#">18</a>	EHS		322 Richmond Rd Ottawa ON K1Z6X6	NNW/168.6	-2.78	<a href="#">62</a>
<a href="#">19</a>	GEN	VELO SPORTABLE CYCLE	358 RICHMOND ROAD OTTAWA ON K2A 0E8	WNW/169.5	-2.67	<a href="#">62</a>
<a href="#">19</a>	GEN	1534244 Ontario Inc	358 Richmond Road Ottawa ON	WNW/169.5	-2.67	<a href="#">63</a>
<a href="#">20</a>	EHS		332 and 334 Richmond Road Ottawa ON	NNW/170.8	-2.66	<a href="#">63</a>
<a href="#">21</a>	GEN	WESTBOROUGH PHARMASAVE	340 RICHMOND ROAD OTTAWA ON K2A 0E8	NW/174.3	-2.67	<a href="#">63</a>
<a href="#">21</a>	GEN	WESTBORO PHARMACY LTD	WESTBORO PHARMACY LIMITED 340 RICHMOND ROAD OTTAWA ON K2A 0E8	NW/174.3	-2.67	<a href="#">63</a>
<a href="#">22</a>	WWIS		345 RAVENHURST AVE. WELL #1 Ottawa ON <b>Well ID:</b> 7218236	WSW/174.5	-1.36	<a href="#">64</a>
<a href="#">23</a>	SCT	BlackCherry Digital Media Inc.	346 Richmond Rd Suite 210 Ottawa ON K2A 0E8	NW/175.0	-2.67	<a href="#">66</a>
<a href="#">24</a>	PES	DOVERS HARDWARE	356 RICHMOND ROAD OTTAWA ON K2A 0E8	WNW/175.2	-2.67	<a href="#">66</a>
<a href="#">24</a>	EHS		356 Richmond Road Ottawa ON K2A 0E8	WNW/175.2	-2.67	<a href="#">66</a>
<a href="#">24</a>	EHS		356 Richmond Road Ottawa ON	WNW/175.2	-2.67	<a href="#">67</a>
<a href="#">24</a>	PES	DOVERS HARDWARE	356 RICHMOND ROAD OTTAWA ON K2A0E7	WNW/175.2	-2.67	<a href="#">67</a>
<a href="#">25</a>	GEN	561391 Ontario Inc.	350 Richmond Road Ottawa ON K2A 0E8	NW/176.2	-2.67	<a href="#">67</a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">26</a>	GEN	HYBRID PHARM INC	318 RICHMOND RD OTTAWA ON K1Z6X6	NNW/178.7	-2.83	<a href="#">67</a>
<a href="#">26</a>	GEN	HYBRID PHARM INC	318 RICHMOND RD OTTAWA ON K1Z6X6	NNW/178.7	-2.83	<a href="#">68</a>
<a href="#">27</a>	EHS		404 Eden Avenue Ottawa ON	N/180.6	-2.79	<a href="#">68</a>
<a href="#">28</a>	EHS		Richmond Rd Churchill Ave N Ottawa ON	NW/187.0	-2.66	<a href="#">68</a>
<a href="#">29</a>	GEN	FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	W/187.1	-2.73	<a href="#">68</a>
<a href="#">29</a>	GEN	FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	W/187.1	-2.73	<a href="#">69</a>
<a href="#">29</a>	GEN	FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	W/187.1	-2.73	<a href="#">69</a>
<a href="#">30</a>	CA	OTTAWA CITY	EDGEWOOD AVE./LINCOLN AVE. OTTAWA CITY ON	NE/192.7	-1.64	<a href="#">69</a>
<a href="#">31</a>	GEN	First General Services (URA)	528 Byron St Ottawa ON K2A 0E3	WSW/194.9	-1.55	<a href="#">69</a>
<a href="#">32</a>	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON	WNW/196.1	-2.65	<a href="#">70</a>
<a href="#">32</a>	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	WNW/196.1	-2.65	<a href="#">70</a>
<a href="#">32</a>	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	WNW/196.1	-2.65	<a href="#">70</a>
<a href="#">32</a>	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	WNW/196.1	-2.65	<a href="#">70</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	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	WNW/196.1	-2.65	<a href="#">71</a>
<a href="#">32</a>	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	WNW/196.1	-2.65	<a href="#">71</a>
<a href="#">32</a>	GEN	Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	WNW/196.1	-2.65	<a href="#">71</a>
<a href="#">32</a>	GEN	Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	WNW/196.1	-2.65	<a href="#">72</a>
<a href="#">32</a>	PES	MOUNTAIN EQUIPMENT CO- OPERATIVE	366 RICHMOND RD OTTAWA ON K2A 0E8	WNW/196.1	-2.65	<a href="#">72</a>
<a href="#">32</a>	PES	MEC CANADA INC.	366 RICHMOND RD OTTAWA ON K2A 0E8	WNW/196.1	-2.65	<a href="#">72</a>
<a href="#">32</a>	EHS		366 Richmond Rd Ottawa ON K2A 0E8	WNW/196.1	-2.65	<a href="#">73</a>
<a href="#">33</a>	SCT	Forbie Activewear	314 Richmond Rd Ottawa ON K1Z 6X6	N/196.9	-2.83	<a href="#">73</a>
<a href="#">34</a>	SPL	Enbridge Gas Distribution Inc.	412 Edgewood Avenue Ottawa ON	NE/199.2	-2.76	<a href="#">73</a>
<a href="#">34</a>	PINC	PIPELINE HIT 1/2"	412 EDGEWOOD AVE.,OTTAWA,ON,K1Z 5K5,CA ON	NE/199.2	-2.76	<a href="#">74</a>
<a href="#">35</a>	HINC		343 RICHMOND ROAD Ottawa ON K2A 0E7	NW/199.4	-2.61	<a href="#">74</a>
<a href="#">36</a>	EHS		337 Richmond Road Ottawa ON K2A 0E7	NW/202.3	-3.22	<a href="#">75</a>
<a href="#">37</a>	GEN	Cassone Construction	300 Richmond Rd. Ottawa ON	N/202.4	-2.79	<a href="#">75</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="#">38</a>	GEN	JOSEPH C. GAFFNEY	372 RICHMOND ROAD OTTAWA ON K2A 0E8	W/207.5	-2.60	<a href="#">75</a>
<a href="#">38</a>	GEN	JOSEPH C. GAFFNEY 22-433	372 RICHMOND ROAD OTTAWA ON K2A 0E8	W/207.5	-2.60	<a href="#">75</a>
<a href="#">39</a>	PINC	ENBRIDGE GAS INC	401 EDEN AVE.,OTTAWA,ON,K1Z 5J1,CA ON	NNE/208.8	-2.56	<a href="#">76</a>
<a href="#">40</a>	WWIS		380 RICHMOND ROAD OTTAWA ON <b>Well ID:</b> 7198182	W/210.4	-2.60	<a href="#">76</a>
<a href="#">41</a>	EHS		345 Richmond Road Ottawa ON K2A 0E7	NW/214.6	-2.61	<a href="#">79</a>
<a href="#">42</a>	WWIS		lot 31 con 1 ON <b>Well ID:</b> 7292792	NNW/220.5	-3.37	<a href="#">80</a>
<a href="#">43</a>	WWIS		337 RICHMOND RD Ottawa ON <b>Well ID:</b> 7171703	NW/222.6	-3.22	<a href="#">80</a>
<a href="#">44</a>	ECA	Highcroft Churchill Developments Inc.	495 Churchill Ave N 496 Highcroft Avenue Ottawa ON K2P 1L5	SSE/222.7	3.21	<a href="#">83</a>
<a href="#">45</a>	CA	Uniform Urban Developments Ltd.	488 Edison Avenue Ottawa ON K2A 1T9	SSW/226.1	2.34	<a href="#">83</a>
<a href="#">45</a>	ECA	Uniform Urban Developments Ltd.	488 Edison Avenue Ottawa ON K2G 5X3	SSW/226.1	2.34	<a href="#">84</a>
<a href="#">46</a>	SPL	PRIVATE OWNER	490 EVERED ST. OTTAWA. STORAGE TANK/BARREL OTTAWA CITY ON K1Z 5K8	ESE/228.2	2.38	<a href="#">84</a>
<a href="#">47</a>	WWIS		388 RICHMOND ROAD OTTAWA ON <b>Well ID:</b> 7303998	W/228.8	-2.75	<a href="#">84</a>
<a href="#">48</a>	PES	P. & T. EQUIPMENT	311 RICHMOND ROAD, SUITE 308 OTTAWA ON K1Z 6X3	N/230.2	-2.63	<a href="#">87</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="#">48</a>	SCT	GEVC Interactive Inc.	311 Richmond Rd Suite 204 Ottawa ON K1Z 6X3	N/230.2	-2.63	<a href="#">87</a>
<a href="#">49</a>	EHS		380 Richmond Rd Ottawa ON K2A 0E8	W/232.7	-3.68	<a href="#">88</a>
<a href="#">50</a>	WWIS		388 RICHMOND ROAD OTTAWA ON <b>Well ID:</b> 7303999	W/233.0	-2.75	<a href="#">88</a>
<a href="#">51</a>	SPL		424 Athlone St Ottawa ON	NE/234.5	-1.71	<a href="#">90</a>
<a href="#">51</a>	PINC	GARY PATRICK GEHL	424 ATHLONE AVE.,OTTAWA,ON,K1Z 5M5,CA ON	NE/234.5	-1.71	<a href="#">91</a>
<a href="#">52</a>	WWIS		388 RICHMOND RD OTTAWA ON <b>Well ID:</b> 7305578	W/237.1	-2.75	<a href="#">91</a>
<a href="#">53</a>	PRT	TWENTY FIRST CENTURY MOTORS INC	319 RICHMOND RD OTTAWA ON K1Z6X7	NNW/237.6	-3.37	<a href="#">94</a>
<a href="#">53</a>	FSTH	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	NNW/237.6	-3.37	<a href="#">95</a>
<a href="#">53</a>	FSTH	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	NNW/237.6	-3.37	<a href="#">95</a>
<a href="#">53</a>	GEN	Avenues Garage Ltd.	319 Richmond Rd Ottawa ON	NNW/237.6	-3.37	<a href="#">96</a>
<a href="#">53</a>	EXP	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	NNW/237.6	-3.37	<a href="#">96</a>
<a href="#">53</a>	EXP	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	NNW/237.6	-3.37	<a href="#">96</a>
<a href="#">53</a>	EXP	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA	NNW/237.6	-3.37	<a href="#">97</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>
			ON			
<a href="#">53</a>	EHS		319 Richmond Rd Ottawa ON K1Z6X7	NNW/237.6	-3.37	<a href="#">97</a>
<a href="#">53</a>	EHS		319 Richmond Road Ottawa ON	NNW/237.6	-3.37	<a href="#">97</a>
<a href="#">53</a>	EHS		319, 325 and 327 Richmond Road, 380 Winona Ave., and 381 Churchill Ave. Ottawa ON K1Z 6X7	NNW/237.6	-3.37	<a href="#">97</a>
<a href="#">53</a>	EHS		319, 325 and 327 Richmond Road, 380 Winona Ave., and 381 Churchill Ave. Ottawa ON K1Z 6X7	NNW/237.6	-3.37	<a href="#">98</a>
<a href="#">53</a>	FST	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	NNW/237.6	-3.37	<a href="#">98</a>
<a href="#">53</a>	FST	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	NNW/237.6	-3.37	<a href="#">98</a>
<a href="#">53</a>	FST	AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	NNW/237.6	-3.37	<a href="#">99</a>
<a href="#">53</a>	EHS		319, 325 and 327 Richmond Road, 380 Winona Ave., and 381 Churchill Ave. Ottawa ON K1Z 6X7	NNW/237.6	-3.37	<a href="#">99</a>
<a href="#">54</a>	PINC	ZONE 5 LANDSCAPING INC	409 EDGEWOOD AVE.,OTTAWA,ON,K1Z 5K6,CA ON	NE/238.6	-2.68	<a href="#">99</a>
<a href="#">54</a>	SPL	Enbridge Gas Distribution Inc.	409 Edgewood Avenue Ottawa ON	NE/238.6	-2.68	<a href="#">100</a>
<a href="#">55</a>	SPL		386 Richmond Rd S21 RESIDENCE<UNOFFICIAL> Ottawa ON K2A 0E8	W/242.1	-3.56	<a href="#">100</a>
<a href="#">55</a>	EHS		386 Richmond Rd Ottawa ON K2A0E8	W/242.1	-3.56	<a href="#">101</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="#">55</a>	EHS		386 Richmond Rd Ottawa ON K2A0E8	W/242.1	-3.56	<a href="#">101</a>
<a href="#">55</a>	GEN	Ottawa Carleton Construction Group Ltd.	386 Richmond Road Ottawa ON K2A 0E8	W/242.1	-3.56	<a href="#">101</a>
<a href="#">56</a>	SPL	BANK OF NOVA SCOTIA	388 RICHMOND ROAD BRANCH 388 RICHMOND ST, OTTAWA OTTAWA CITY ON K2A 0E8	W/243.1	-2.75	<a href="#">102</a>
<a href="#">56</a>	SPL	PRIVATE BUSINESS	388 RICHMOND RD. OTTAWA BANK OF NOVA SCOTIA STORAGE TANK OTTAWA CITY ON K2A 0E8	W/243.1	-2.75	<a href="#">102</a>
<a href="#">56</a>	SPL	PRIVATE BUSINESS	BANK OF NOVA SCOTIA, 388 RICHMOND ST STORAGE TANK OTTAWA CITY ON K2A 0E8	W/243.1	-2.75	<a href="#">103</a>
<a href="#">56</a>	SPL		388 Richmond Rd. Ottawa ON K2A 0E8	W/243.1	-2.75	<a href="#">103</a>
<a href="#">56</a>	EHS		388 Richmond Rd Ottawa ON K2A0E8	W/243.1	-2.75	<a href="#">104</a>
<a href="#">57</a>	WWIS		388 RICHMOND RD OTTAWA ON  <i>Well ID: 7305577</i>	WNW/243.3	-3.68	<a href="#">104</a>
<a href="#">58</a>	PINC	BEAVER CONSTRUCTION GROUP INC	422 ATHLONE AVE,,OTTAWA,ON,K1Z 5M5,CA ON	NE/245.1	-1.64	<a href="#">107</a>
<a href="#">59</a>	EHS		288 Richmond Road Ottawa ON K1Z 6X5	NNE/245.5	-3.32	<a href="#">107</a>
<a href="#">60</a>	CA	OTTAWA CITY - PT.LOT 31, CONC. 1	ATHLONE AVE./BYRON AVE. OTTAWA CITY ON	ENE/248.0	-1.38	<a href="#">107</a>

# Executive Summary: Summary By Data Source

## **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 3 CA site(s) within approximately 0.25 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>
Uniform Urban Developments Ltd.	488 Edison Avenue Ottawa ON K2A 1T9	SSW	226.07	<a href="#"><u>45</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>
OTTAWA CITY	EDGEWOOD AVE./LINCOLN AVE. OTTAWA CITY ON	NE	192.65	<a href="#"><u>30</u></a>

OTTAWA CITY - PT.LOT 31, CONC. 1	ATHLONE AVE./BYRON AVE. OTTAWA CITY ON	ENE	248.03	<a href="#"><u>60</u></a>
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## **CDRY - Dry Cleaning Facilities**

A search of the CDRY database, dated Jan 2004-Dec 2018 has found that there are 1 CDRY site(s) within approximately 0.25 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>
Laundry Land Cleaning	424 Churchill Ave N Ottawa ON K1Z5C8	WNW	92.00	<a href="#"><u>5</u></a>

## **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011- Dec 31, 2020 has found that there are 2 ECA site(s) within approximately 0.25 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>
Highcroft Churchill Developments Inc.	495 Churchill Ave N 496 Highcroft Avenue Ottawa ON K2P 1L5	SSE	222.72	<a href="#"><u>44</u></a>
Uniform Urban Developments Ltd.	488 Edison Avenue Ottawa ON K2G 5X3	SSW	226.07	<a href="#"><u>45</u></a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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### **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Oct 31, 2020 has found that there are 27 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	424 Churchill Avenue Ottawa ON K1Z 5C8	WNW	92.00	<a href="#"><u>5</u></a>
	412 Churchill Avenue Ottawa ON K1V 8Y5	NW	134.21	<a href="#"><u>9</u></a>
	412 Churchill Ave Ottawa ON	NW	134.21	<a href="#"><u>9</u></a>
	Byron Ottawa ON	W	135.99	<a href="#"><u>12</u></a>
	349 Danforth Avenue Ottawa ON K2A 0E1	WNW	139.55	<a href="#"><u>13</u></a>
	349 Danforth Avenue Ottawa ON K2A 0E1	WNW	139.55	<a href="#"><u>13</u></a>
	349 Danforth Avenue Ottawa ON K2A 0E1	WNW	139.55	<a href="#"><u>13</u></a>
	354 Richmond Road Ottawa ON K2A 0E8	NW	154.26	<a href="#"><u>16</u></a>
	322 Richmond Rd Ottawa ON K1Z6X6	NNW	168.58	<a href="#"><u>18</u></a>
	332 and 334 Richmond Road Ottawa ON	NNW	170.76	<a href="#"><u>20</u></a>

356 Richmond Road Ottawa ON K2A 0E8	WNW	175.15	<a href="#"><u>24</u></a>
356 Richmond Road Ottawa ON	WNW	175.15	<a href="#"><u>24</u></a>
404 Eden Avenue Ottawa ON	N	180.64	<a href="#"><u>27</u></a>
Richmond Rd Churchill Ave N Ottawa ON	NW	186.98	<a href="#"><u>28</u></a>
366 Richmond Rd Ottawa ON K2A 0E8	WNW	196.11	<a href="#"><u>32</u></a>
337 Richmond Road Ottawa ON K2A 0E7	NW	202.34	<a href="#"><u>36</u></a>
345 Richmond Road Ottawa ON K2A 0E7	NW	214.63	<a href="#"><u>41</u></a>
380 Richmond Rd Ottawa ON K2A 0E8	W	232.68	<a href="#"><u>49</u></a>
319 Richmond Rd Ottawa ON K1Z6X7	NNW	237.56	<a href="#"><u>53</u></a>
319 Richmond Road Ottawa ON	NNW	237.56	<a href="#"><u>53</u></a>
319, 325 and 327 Richmond Road, 380 Winona Ave., and 381 Churchill Ave. Ottawa ON K1Z 6X7	NNW	237.56	<a href="#"><u>53</u></a>
319, 325 and 327 Richmond Road, 380 Winona Ave., and 381 Churchill Ave. Ottawa ON K1Z 6X7	NNW	237.56	<a href="#"><u>53</u></a>
319, 325 and 327 Richmond Road, 380 Winona Ave., and 381 Churchill Ave. Ottawa ON K1Z 6X7	NNW	237.56	<a href="#"><u>53</u></a>



386 Richmond Rd Ottawa ON K2A0E8	W	242.11	<a href="#">55</a>
386 Richmond Rd Ottawa ON K2A0E8	W	242.11	<a href="#">55</a>
388 Richmond Rd Ottawa ON K2A0E8	W	243.08	<a href="#">56</a>
288 Richmond Road Ottawa ON K1Z 6X5	NNE	245.53	<a href="#">59</a>

### **EXP - List of Expired Fuels Safety Facilities**

A search of the EXP database, dated Jul 31, 2020 has found that there are 3 EXP site(s) within approximately 0.25 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>
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	NNW	237.56	<a href="#">53</a>
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	NNW	237.56	<a href="#">53</a>
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	NNW	237.56	<a href="#">53</a>

### **FST - Fuel Storage Tank**

A search of the FST database, dated Jul 31, 2020 has found that there are 3 FST site(s) within approximately 0.25 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>
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	NNW	237.56	<a href="#">53</a>
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	NNW	237.56	<a href="#">53</a>

AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	NNW	237.56	<a href="#">53</a>
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### **FSTH - Fuel Storage Tank - Historic**

A search of the FSTH database, dated Pre-Jan 2010\* has found that there are 2 FSTH site(s) within approximately 0.25 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>
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	NNW	237.56	<a href="#">53</a>
AVENUES GARAGE LTD	319 RICHMOND RD OTTAWA ON K1Z 6X7	NNW	237.56	<a href="#">53</a>

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

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 53 GEN site(s) within approximately 0.25 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>
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1N 6B5	WNW	92.00	<a href="#">5</a>
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	WNW	92.00	<a href="#">5</a>
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	WNW	92.00	<a href="#">5</a>
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	WNW	92.00	<a href="#">5</a>
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	WNW	92.00	<a href="#">5</a>
LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	WNW	92.00	<a href="#">5</a>

LAUNDRY LAND	424 CHURCHILL AVENUE OTTAWA ON	WNW	92.00	<u>5</u>
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	WNW	92.00	<u>5</u>
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	WNW	92.00	<u>5</u>
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	WNW	92.00	<u>5</u>
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	WNW	92.00	<u>5</u>
LAUNDRY LAND	424 Churchill ave. Ottawa ON K1Z 5C8	WNW	92.00	<u>5</u>
LAUNDRY LAND 24-215	424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	WNW	92.00	<u>5</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	W	97.76	<u>6</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	W	97.76	<u>6</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	W	97.76	<u>6</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	W	97.76	<u>6</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON	W	97.76	<u>6</u>

Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	W	97.76	<u>6</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	W	97.76	<u>6</u>
Ottawa-Carleton District School Board	345 Ravenhill Ave. Ottawa ON K2A 0J5	W	97.76	<u>6</u>
Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	W	97.76	<u>6</u>
Ottawa-Carleton District School Board Health & Safety	345 Ravenhill Ave. Ottawa ON K2A 0J5	W	97.76	<u>6</u>
Blyth Academy Ottawa	352 Danforth Ave Ottawa ON	WNW	122.08	<u>8</u>
Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	WNW	122.08	<u>8</u>
Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	WNW	122.08	<u>8</u>
Blyth Academy Ottawa	352 Danforth Ave Ottawa ON K2A 0E2	WNW	122.08	<u>8</u>
ALBERT & SON ENGRAVERS	412B CHURCHILL AVE. OTTAWA ON K1Z 5C6	NW	134.26	<u>10</u>
PEARL CLEANERS	354B RICHMOND ROAD OTTAWA ON K2A 0E8	NW	154.26	<u>16</u>
VELO SPORTABLE CYCLE	358 RICHMOND ROAD OTTAWA ON K2A 0E8	WNW	169.45	<u>19</u>
1534244 Ontario Inc	358 Richmond Road Ottawa ON	WNW	169.45	<u>19</u>

WESTBORO PHARMACY LTD	WESTBORO PHARMACY LIMITED 340 RICHMOND ROAD OTTAWA ON K2A 0E8	NW	174.32	<a href="#">21</a>
WESTBOROUGH PHARMASAVE	340 RICHMOND ROAD OTTAWA ON K2A 0E8	NW	174.32	<a href="#">21</a>
561391 Ontario Inc.	350 Richmond Road Ottawa ON K2A 0E8	NW	176.15	<a href="#">25</a>
HYBRID PHRARM INC	318 RICHMOND RD OTTAWA ON K1Z6X6	NNW	178.66	<a href="#">26</a>
HYBRID PHRARM INC	318 RICHMOND RD OTTAWA ON K1Z6X6	NNW	178.66	<a href="#">26</a>
FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	W	187.14	<a href="#">29</a>
FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	W	187.14	<a href="#">29</a>
FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	W	187.14	<a href="#">29</a>
First General Services (URA)	528 Byron St Ottawa ON K2A 0E3	WSW	194.90	<a href="#">31</a>
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	WNW	196.11	<a href="#">32</a>
Mountain Equipment Co-op	366 Richmond Road Ottawa ON	WNW	196.11	<a href="#">32</a>
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	WNW	196.11	<a href="#">32</a>

Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	WNW	196.11	<a href="#">32</a>
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	WNW	196.11	<a href="#">32</a>
Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	WNW	196.11	<a href="#">32</a>
Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	WNW	196.11	<a href="#">32</a>
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	WNW	196.11	<a href="#">32</a>
Cassone Construction	300 Richmond Rd. Ottawa ON	N	202.36	<a href="#">37</a>
JOSEPH C. GAFFNEY	372 RICHMOND ROAD OTTAWA ON K2A 0E8	W	207.48	<a href="#">38</a>
JOSEPH C. GAFFNEY 22-433	372 RICHMOND ROAD OTTAWA ON K2A 0E8	W	207.48	<a href="#">38</a>
Avenues Garage Ltd.	319 Richmond Rd Ottawa ON	NNW	237.56	<a href="#">53</a>
Ottawa Carleton Construction Group Ltd.	386 Richmond Road Ottawa ON K2A 0E8	W	242.11	<a href="#">55</a>

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

A search of the HINC database, dated 2006-June 2009\* has found that there are 2 HINC site(s) within approximately 0.25 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>
	464 EVERED AVENUE OTTAWA ON K1Z 5K8	E	146.39	<a href="#">14</a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
<u>Lower Elevation</u>	<u>Address</u> 343 RICHMOND ROAD Ottawa ON K2A 0E7	<u>Direction</u> NW	<u>Distance (m)</u> 199.41	<u>Map Key</u> <a href="#">35</a>

### **INC - Fuel Oil Spills and Leaks**

A search of the INC database, dated Jul 31, 2020 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	412 & 414 Churchill Avenue, Ottawa ON	NW	134.21	<a href="#">9</a>

### **MNR - Mineral Occurrences**

A search of the MNR database, dated 1846-Jan 2020 has found that there are 2 MNR site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
HIGHLAND PARK	ON	SW	119.38	<a href="#">7</a>
SAMPLE 23	ON	SW	119.38	<a href="#">7</a>

### **PES - Pesticide Register**

A search of the PES database, dated Oct 2011-Dec 31, 2020 has found that there are 5 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
DOVERS HARDWARE	356 RICHMOND ROAD OTTAWA ON K2A 0E8	WNW	175.15	<a href="#">24</a>
DOVERS HARDWARE	356 RICHMOND ROAD OTTAWA ON K2A0E7	WNW	175.15	<a href="#">24</a>

MOUNTAIN EQUIPMENT CO-OPERATIVE	366 RICHMOND RD OTTAWA ON K2A 0E8	WNW	196.11	<a href="#">32</a>
MEC CANADA INC.	366 RICHMOND RD OTTAWA ON K2A 0E8	WNW	196.11	<a href="#">32</a>
P. & T. EQUIPMENT	311 RICHMOND ROAD, SUITE 308 OTTAWA ON K1Z 6X3	N	230.19	<a href="#">48</a>

### **PINC - Pipeline Incidents**

A search of the PINC database, dated Oct 31, 2020 has found that there are 5 PINC site(s) within approximately 0.25 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>
PIPELINE HIT 1/2"	412 EDGEWOOD AVE,,OTTAWA,ON, K1Z 5K5,CA ON	NE	199.18	<a href="#">34</a>
ENBRIDGE GAS INC	401 EDEN AVE,,OTTAWA,ON,K1Z 5J1,CA ON	NNE	208.76	<a href="#">39</a>
GARY PATRICK GEHL	424 ATHLONE AVE,,OTTAWA,ON, K1Z 5M5,CA ON	NE	234.51	<a href="#">51</a>
ZONE 5 LANDSCAPING INC	409 EDGEWOOD AVE,,OTTAWA,ON, K1Z 5K6,CA ON	NE	238.58	<a href="#">54</a>
BEAVER CONSTRUCTION GROUP INC	422 ATHLONE AVE,,OTTAWA,ON, K1Z 5M5,CA ON	NE	245.11	<a href="#">58</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 0.25 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>
TWENTY FIRST CENTURY MOTORS INC	319 RICHMOND RD OTTAWA ON K1Z6X7	NNW	237.56	<a href="#">53</a>



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

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Jan 2021 has found that there are 1 RSC site(s) within approximately 0.25 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>
Mr. Arnold Midgley, The Trustees of Kitchissippi United Church	450 Churchill Avenue North, Ottawa, Ontario, K1Z 5E2 ON K1Z 5E2	SSW	82.05	<a href="#"><u>4</u></a>

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

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 4 SCT site(s) within approximately 0.25 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>
Valberg Imaging	322 Richmond Rd Ottawa ON K1Z 6X6	NNW	168.58	<a href="#"><u>18</u></a>
BlackCherry Digital Media Inc.	346 Richmond Rd Suite 210 Ottawa ON K2A 0E8	NW	175.03	<a href="#"><u>23</u></a>
Forbie Activewear	314 Richmond Rd Ottawa ON K1Z 6X6	N	196.93	<a href="#"><u>33</u></a>
GEVC Interactive Inc.	311 Richmond Rd Suite 204 Ottawa ON K1Z 6X3	N	230.19	<a href="#"><u>48</u></a>

## **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Mar 2020; Jul 2020 - Aug 2020 has found that there are 11 SPL site(s) within approximately 0.25 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>
PRIVATE OWNER	490 EVERED ST. OTTAWA. STORAGE TANK/BARREL OTTAWA CITY ON K1Z 5K8	ESE	228.17	<a href="#"><u>46</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>
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Enbridge Gas Distribution Inc.	412 & 414 Churchill Ave. Ottawa ON	NW	134.21	<a href="#">9</a>
PRIVATE RESIDENCE	518 BYRON AVE. STORAGE TANK/BARREL OTTAWA CITY ON K2A 0E3	W	149.93	<a href="#">15</a>
Enbridge Gas Distribution Inc.	412 Edgewood Avenue Ottawa ON	NE	199.18	<a href="#">34</a>
	424 Athlone St Ottawa ON	NE	234.51	<a href="#">51</a>
Enbridge Gas Distribution Inc.	409 Edgewood Avenue Ottawa ON	NE	238.58	<a href="#">54</a>
	386 Richmond Rd S21 RESIDENCE<UNOFFICIAL> Ottawa ON K2A 0E8	W	242.11	<a href="#">55</a>
BANK OF NOVA SCOTIA	388 RICHMOND ROAD BRANCH 388 RICHMOND ST, OTTAWA OTTAWA CITY ON K2A 0E8	W	243.08	<a href="#">56</a>
PRIVATE BUSINESS	388 RICHMOND RD. OTTAWA BANK OF NOVA SCOTIA STORAGE TANK OTTAWA CITY ON K2A 0E8	W	243.08	<a href="#">56</a>
PRIVATE BUSINESS	BANK OF NOVA SCOTIA, 388 RICHMOND ST STORAGE TANK OTTAWA CITY ON K2A 0E8	W	243.08	<a href="#">56</a>
	388 Richmond Rd. Ottawa ON K2A 0E8	W	243.08	<a href="#">56</a>

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

A search of the WWIS database, dated Apr 30, 2020 has found that there are 13 WWIS site(s) within approximately 0.25 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>
	345 RAVENHURST AVE. WELL #3 Ottawa ON	WSW	39.56	<a href="#">1</a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7218228			
	450 CHURCHILL AVENUE NORTH Ottawa ON	S	71.06	<a href="#"><u>3</u></a>
	<i>Well ID:</i> 7154750			
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	345 RAVENHURST AVE. WELL #4 Ottawa ON	W	41.74	<a href="#"><u>2</u></a>
	<i>Well ID:</i> 7218229			
	345 RAVENHURST AVE. WELL #2 Ottawa ON	WSW	134.52	<a href="#"><u>11</u></a>
	<i>Well ID:</i> 7218235			
	324 RICHMOND ROAD Ottawa ON	NNW	154.89	<a href="#"><u>17</u></a>
	<i>Well ID:</i> 7295754			
	345 RAVENHURST AVE. WELL #1 Ottawa ON	WSW	174.53	<a href="#"><u>22</u></a>
	<i>Well ID:</i> 7218236			
	380 RICHMOND ROAD OTTAWA ON	W	210.43	<a href="#"><u>40</u></a>
	<i>Well ID:</i> 7198182			
	lot 31 con 1 ON	NNW	220.51	<a href="#"><u>42</u></a>
	<i>Well ID:</i> 7292792			
	337 RICHMOND RD Ottawa ON	NW	222.60	<a href="#"><u>43</u></a>
	<i>Well ID:</i> 7171703			
	388 RICHMOND ROAD OTTAWA ON	W	228.76	<a href="#"><u>47</u></a>
	<i>Well ID:</i> 7303998			
	388 RICHMOND ROAD OTTAWA ON	W	232.99	<a href="#"><u>50</u></a>
	<i>Well ID:</i> 7303999			
	388 RICHMOND RD OTTAWA ON	W	237.15	<a href="#"><u>52</u></a>

**Well ID:** 7305578

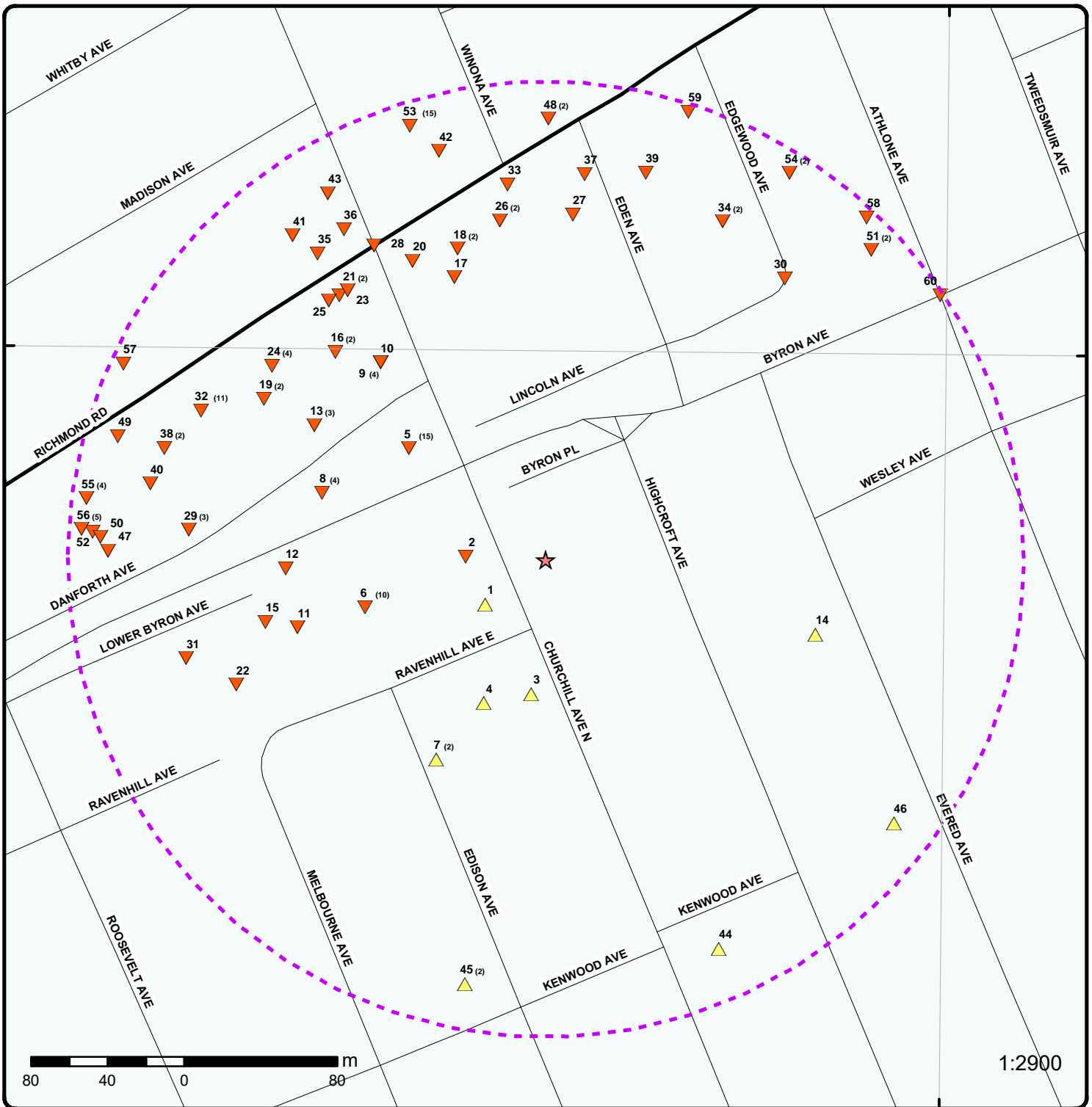
388 RICHMOND RD  
OTTAWA ON

WNW

243.29

[57](#)

**Well ID:** 7305577



### Map: 0.25 Kilometer Radius

Order Number: 21022600123

Address: 439 Churchill Avenue North, Ottawa, ON

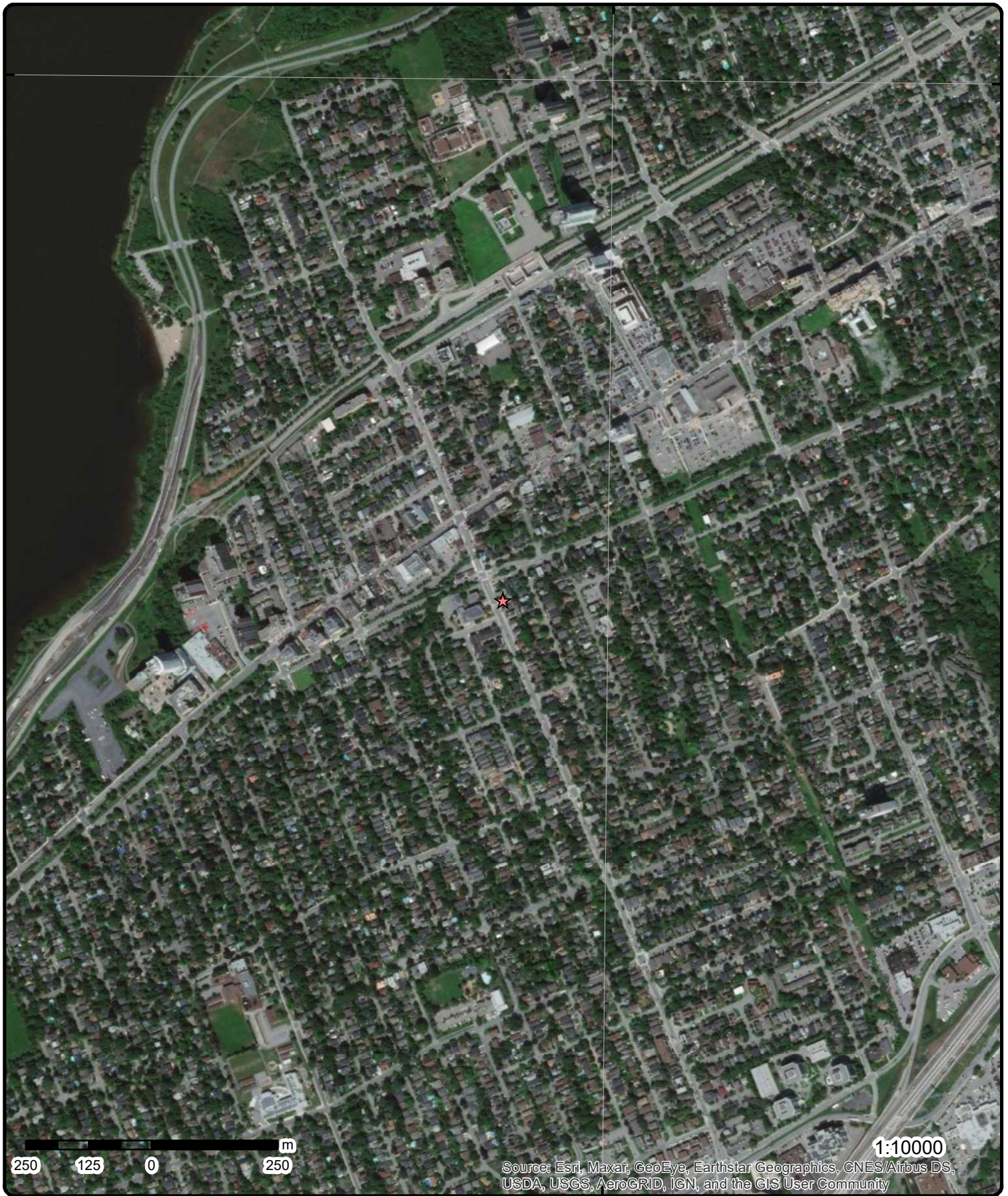


Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range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

75°45'W

45°24'N

45°24'N



**Aerial** Year: 2008

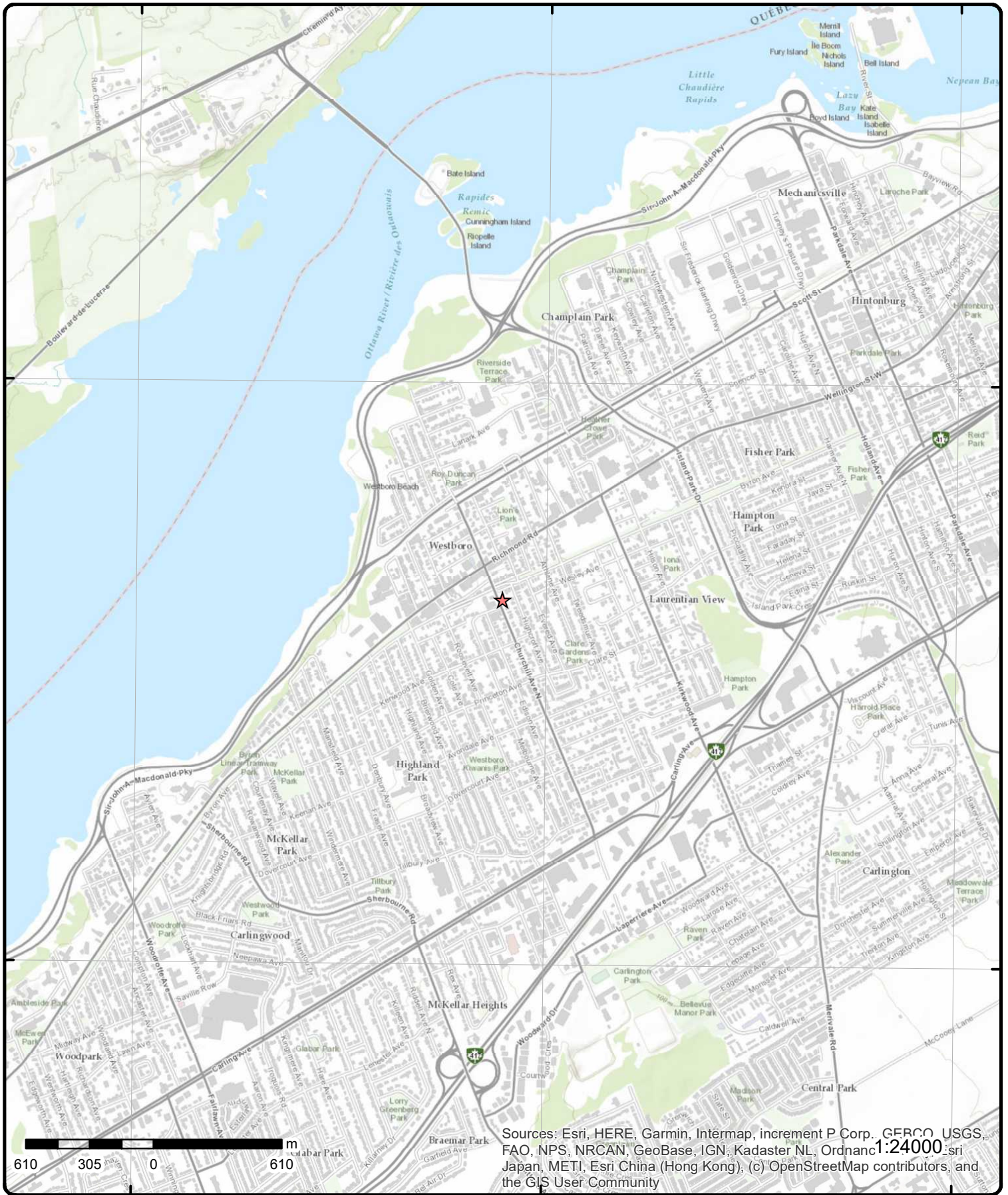
**Address: 439 Churchill Avenue North, Ottawa, ON**

Source: ESRI World Imagery

Order Number: 21022600123



© ERIS Information Limited Partnership



# Topographic Map

Address: 439 Churchill Avenue North, ON

Source: ESRI World Topographic Map

Order Number: 21022600123



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	WSW/39.6	71.8 / 0.26	345 RAVENHURST AVE. WELL #3 Ottawa ON	..... <b>WWIS</b>

<p><b>Well ID:</b> 7218228</p> <p><b>Construction Date:</b></p> <p><b>Primary Water Use:</b></p> <p><b>Sec. Water Use:</b></p> <p><b>Final Well Status:</b> Abandoned-Other</p> <p><b>Water Type:</b></p> <p><b>Casing Material:</b></p> <p><b>Audit No:</b> Z172517</p> <p><b>Tag:</b></p> <p><b>Construction Method:</b></p> <p><b>Elevation (m):</b></p> <p><b>Elevation Reliability:</b></p> <p><b>Depth to Bedrock:</b></p> <p><b>Well Depth:</b></p> <p><b>Overburden/Bedrock:</b></p> <p><b>Pump Rate:</b></p> <p><b>Static Water Level:</b></p> <p><b>Flowing (Y/N):</b></p> <p><b>Flow Rate:</b></p> <p><b>Clear/Cloudy:</b></p>	<p><b>Data Entry Status:</b></p> <p><b>Data Src:</b></p> <p><b>Date Received:</b> 3/21/2014</p> <p><b>Selected Flag:</b> Yes</p> <p><b>Abandonment Rec:</b> Yes</p> <p><b>Contractor:</b> 1558</p> <p><b>Form Version:</b> 7</p> <p><b>Owner:</b></p> <p><b>Street Name:</b> 345 RAVENHURST AVE. WELL #3</p> <p><b>County:</b> OTTAWA</p> <p><b>Municipality:</b> OTTAWA CITY</p> <p><b>Site Info:</b></p> <p><b>Lot:</b></p> <p><b>Concession:</b></p> <p><b>Concession Name:</b></p> <p><b>Easting NAD83:</b></p> <p><b>Northing NAD83:</b></p> <p><b>Zone:</b></p> <p><b>UTM Reliability:</b></p>
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**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/721\7218228.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7218228.pdf)

**Bore Hole Information**

<p><b>Bore Hole ID:</b> 1004724841</p> <p><b>DP2BR:</b></p> <p><b>Spatial Status:</b></p> <p><b>Code OB:</b></p> <p><b>Code OB Desc:</b></p> <p><b>Open Hole:</b></p> <p><b>Cluster Kind:</b></p> <p><b>Date Completed:</b> 7/25/2013</p> <p><b>Remarks:</b></p> <p><b>Elevrc Desc:</b></p> <p><b>Location Source Date:</b></p> <p><b>Improvement Location Source:</b></p> <p><b>Improvement Location Method:</b></p> <p><b>Source Revision Comment:</b></p> <p><b>Supplier Comment:</b></p>	<p><b>Elevation:</b> 77.372154</p> <p><b>Elevrc:</b></p> <p><b>Zone:</b> 18</p> <p><b>East83:</b> 441053</p> <p><b>North83:</b> 5026604</p> <p><b>Org CS:</b> UTM83</p> <p><b>UTMRC:</b> 4</p> <p><b>UTMRC Desc:</b> margin of error : 30 m - 100 m</p> <p><b>Location Method:</b> wwr</p>
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**Annular Space/Abandonment Sealing Record**

**Plug ID:** 1005101925

**Layer:** 1

**Plug From:** 137.15

**Plug To:** 1.82

**Plug Depth UOM:** m

**Method of Construction & Well**



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		1005101924			
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1005101918			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1005101922			
<b>Layer:</b>					
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1005101923			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>					
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1005101921			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		m			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1005101920			
<b>Diameter:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			

[2](#)

1 of 1

W/41.7

70.8 / -0.74

345 RAVENHURST AVE. WELL #4  
Ottawa ON

WWIS

**Well ID:** 7218229  
**Construction Date:**

**Data Entry Status:**  
**Data Src:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Primary Water Use:</b>				<b>Date Received:</b>	3/21/2014
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Abandoned-Other			<b>Abandonment Rec:</b>	Yes
<b>Water Type:</b>				<b>Contractor:</b>	1558
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z172516			<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	345 RAVENHURST AVE. WELL #4
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	NEPEAN TOWNSHIP
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>	<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7218229.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7218229.pdf</a>				

### Bore Hole Information

<b>Bore Hole ID:</b>	1004724844	<b>Elevation:</b>	76.743453
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	441043
<b>Code OB Desc:</b>		<b>North83:</b>	5026629
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	7/25/2013	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

### Annular Space/Abandonment Sealing Record

<b>Plug ID:</b>	1005101933
<b>Layer:</b>	1
<b>Plug From:</b>	137.15
<b>Plug To:</b>	1.82
<b>Plug Depth UOM:</b>	m

### Method of Construction & Well Use

<b>Method Construction ID:</b>	1005101932
<b>Method Construction Code:</b>	
<b>Method Construction:</b>	
<b>Other Method Construction:</b>	

### Pipe Information

<b>Pipe ID:</b>	1005101926
<b>Casing No:</b>	0
<b>Comment:</b>	
<b>Alt Name:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Construction Record - Casing</u></b>					
Casing ID:		1005101930			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<b><u>Construction Record - Screen</u></b>					
Screen ID:		1005101931			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<b><u>Water Details</u></b>					
Water ID:		1005101929			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<b><u>Hole Diameter</u></b>					
Hole ID:		1005101928			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

<u>3</u>	1 of 1	S/71.1	72.4 / 0.82	450 CHURCHILL AVENUE NORTH Ottawa ON	WWIS
Well ID:	7154750			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	11/19/2010
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	6964
Casing Material:				Form Version:	7
Audit No:	Z107025			Owner:	
Tag:	A094415			Street Name:	450 CHURCHILL AVENUE NORTH
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:	

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/715\7154750.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7154750.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	1003411150	<b>Elevation:</b>	78.010704
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	441077
<b>Code OB Desc:</b>		<b>North83:</b>	5026557
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	3
<b>Date Completed:</b>	9/15/2010	<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1003549137
<b>Layer:</b>	2
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	
<b>Most Common Material:</b>	
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	2.67
<b>Formation End Depth:</b>	3.05
<b>Formation End Depth UOM:</b>	m

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1003549136
<b>Layer:</b>	1
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	28
<b>Most Common Material:</b>	SAND
<b>Mat2:</b>	28
<b>Mat2 Desc:</b>	SAND
<b>Mat3:</b>	84
<b>Mat3 Desc:</b>	SILTY
<b>Formation Top Depth:</b>	0
<b>Formation End Depth:</b>	2.67
<b>Formation End Depth UOM:</b>	m

**Overburden and Bedrock**

**Materials Interval**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		1003549138			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>		26			
<b>Mat2 Desc:</b>		ROCK			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		3.05			
<b>Formation End Depth:</b>		7.95			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1003549141			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		3.7			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1003549142			
<b>Layer:</b>		2			
<b>Plug From:</b>		3.7			
<b>Plug To:</b>		7.95			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1003549147			
<b>Method Construction Code:</b>		7			
<b>Method Construction:</b>		Diamond			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1003549135			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1003549144			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		4.25			
<b>Casing Diameter:</b>		3.5			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<b>Screen ID:</b>		1003549145			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		4.25			
<b>Screen End Depth:</b>		7.95			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		4.1			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1003549143			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		m			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1003549139			
<b>Diameter:</b>		7.5			
<b>Depth From:</b>		0			
<b>Depth To:</b>		3.1			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1003549140			
<b>Diameter:</b>		5.6			
<b>Depth From:</b>		3.1			
<b>Depth To:</b>		7.95			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
<hr/>					
<a href="#">4</a>	1 of 1	SSW/82.0	71.8 / 0.23	<b>Mr. Arnold Midgley, The Trustees of Kitchissippi United Church 450 Churchill Avenue North, Ottawa, Ontario, K1Z 5E2 ON K1Z 5E2</b>	<b>RSC</b>
<b>RSC ID:</b>	108923			<b>Cert Date:</b>	15-Apr-11
<b>RA No:</b>				<b>Cert Prop Use No:</b>	No CPU
<b>RSC Type:</b>				<b>Intended Prop Use:</b>	Residential
<b>Curr Property Use:</b>	Institutional			<b>Qual Person Name:</b>	
<b>Ministry District:</b>	OTTAWA			<b>Stratified (Y/N):</b>	
<b>Filing Date:</b>	16-Jun-11			<b>Audit (Y/N):</b>	
<b>Date Ack:</b>				<b>Entire Leg Prop. (Y/N):</b>	Yes
<b>Date Returned:</b>				<b>Accuracy Estimate:</b>	11 to 20 meters
<b>Restoration Type:</b>				<b>Telephone:</b>	613-7227254
<b>Soil Type:</b>				<b>Fax:</b>	613-7229530
<b>Criteria:</b>				<b>Email:</b>	kitchissippi@bellnet.ca
<b>CPU Issued Sect 1686:</b>	No				
<b>Asmt Roll No:</b>	0614 084 502 05000 0000				
<b>Prop ID No (PIN):</b>	04016-0077 (LT)				
<b>Property Municipal Address:</b>	450 Churchill Avenue North, Ottawa, Ontario, K1Z 5E2				
<b>Mailing Address:</b>	630 Island Park Drive, Ottawa, Ontario, K1Y 0B7				
<b>Latitude &amp; Longitude:</b>	45.39000000N 75.75305560W				
<b>UTM Coordinates:</b>	NAD83 18-441052-5026552 (converted from Latitude & Longitude)				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Consultant:</b> <b>Legal Desc:</b> LTS 10 & 11, PL 204, E EDISON ST; LTS 10 & 11, PL 204, W CHURCHILL AV; OTTAWA/NEPEAN <b>Measurement Method:</b> Digitized from a satellite image <b>Applicable Standards:</b> Background Site Conditions Standard, with Potable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use <b>RSC PDF:</b>					
<a href="#">5</a>	1 of 15	WNW/92.0	69.9 / -1.64	424 Churchill Avenue Ottawa ON K1Z 5C8	EHS
<b>Order No:</b> 20030922008 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 9/24/03 <b>Date Received:</b> 9/22/03 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans and/or Inspection Reports <b>Nearest Intersection:</b> Danforth Avenue <b>Municipality:</b> (formerly RMOC) <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> 0.25 <b>X:</b> 0 <b>Y:</b> 0					
<a href="#">5</a>	2 of 15	WNW/92.0	69.9 / -1.64	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1N 6B5	GEN
<b>Generator No:</b> ON0550900 <b>Status:</b> <b>Approval Years:</b> 86,87,88,89 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 9721 <b>SIC Description:</b> POWER LAUND./CLEANERS <b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 241 <b>Waste Class Desc:</b> HALOGENATED SOLVENTS					
<a href="#">5</a>	3 of 15	WNW/92.0	69.9 / -1.64	LAUNDRY LAND 24-215 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	GEN
<b>Generator No:</b> ON0550900 <b>Status:</b> <b>Approval Years:</b> 92,93,94,95,96,97,98 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 9721 <b>SIC Description:</b> POWER LAUND./CLEANER <b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 241 <b>Waste Class Desc:</b> HALOGENATED SOLVENTS					
<a href="#">5</a>	4 of 15	WNW/92.0	69.9 / -1.64	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	GEN
<b>Generator No:</b> ON0550900 <b>Status:</b> <b>Approval Years:</b> 99,00,01,02,03,04,05,06,07,08 <b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 9721 <b>SIC Description:</b>		POWER LAUND./CLEANERS		<b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		241 HALOGENATED SOLVENTS			
<a href="#">5</a>	5 of 15	WNW/92.0	69.9 / -1.64	<b>LAUNDRY LAND</b> <b>424 CHURCHILL AVENUE</b> <b>OTTAWA ON K1Z 5C8</b>	GEN
<b>Generator No:</b> ON0550900 <b>Status:</b> <b>Approval Years:</b> 2009 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 812310 <b>SIC Description:</b>		Coin-Operated Laundries and Dry Cleaners		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		241 HALOGENATED SOLVENTS			
<a href="#">5</a>	6 of 15	WNW/92.0	69.9 / -1.64	<b>LAUNDRY LAND</b> <b>424 CHURCHILL AVENUE</b> <b>OTTAWA ON K1Z 5C8</b>	GEN
<b>Generator No:</b> ON0550900 <b>Status:</b> <b>Approval Years:</b> 2010 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 812310 <b>SIC Description:</b>		Coin-Operated Laundries and Dry Cleaners		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		241 HALOGENATED SOLVENTS			
<a href="#">5</a>	7 of 15	WNW/92.0	69.9 / -1.64	<b>LAUNDRY LAND</b> <b>424 CHURCHILL AVENUE</b> <b>OTTAWA ON K1Z 5C8</b>	GEN
<b>Generator No:</b> ON0550900 <b>Status:</b> <b>Approval Years:</b> 2011 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 812310 <b>SIC Description:</b>		Coin-Operated Laundries and Dry Cleaners		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		241 HALOGENATED SOLVENTS			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">5</a>	8 of 15	WNW/92.0	69.9 / -1.64	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON K1Z 5C8	GEN
<b>Generator No:</b>	ON0550900			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	812310				
<b>SIC Description:</b>	Coin-Operated Laundries and Dry Cleaners				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	241				
<b>Waste Class Desc:</b>	HALOGENATED SOLVENTS				
<a href="#">5</a>	9 of 15	WNW/92.0	69.9 / -1.64	LAUNDRY LAND 424 CHURCHILL AVENUE OTTAWA ON	GEN
<b>Generator No:</b>	ON0550900			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	812310				
<b>SIC Description:</b>	COIN-OPERATED LAUNDRIES AND DRY CLEANERS				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	241				
<b>Waste Class Desc:</b>	HALOGENATED SOLVENTS				
<a href="#">5</a>	10 of 15	WNW/92.0	69.9 / -1.64	LAUNDRY LAND 424 Churchill ave. Ottawa ON K1Z 5C8	GEN
<b>Generator No:</b>	ON0550900			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Thai Phong Tran
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	728-2105 Ext.
<b>SIC Code:</b>	812310				
<b>SIC Description:</b>	COIN-OPERATED LAUNDRIES AND DRY CLEANERS				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	241				
<b>Waste Class Desc:</b>	HALOGENATED SOLVENTS				
<a href="#">5</a>	11 of 15	WNW/92.0	69.9 / -1.64	LAUNDRY LAND 424 Churchill ave. Ottawa ON K1Z 5C8	GEN
<b>Generator No:</b>	ON0550900			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Thai Phong Tran

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	No 812310			<b>Phone No Admin:</b> 728-2105 Ext. COIN-OPERATED LAUNDRIES AND DRY CLEANERS	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	241 HALOGENATED SOLVENTS				
<a href="#">5</a>	12 of 15	WNW/92.0	69.9 / -1.64	<b>LAUNDRY LAND</b> 424 Churchill ave. Ottawa ON K1Z 5C8	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON0550900  2014 No No 812310			<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_ADMIN <b>Co Admin:</b> Thai Phong Tran <b>Phone No Admin:</b> 728-2105 Ext. COIN-OPERATED LAUNDRIES AND DRY CLEANERS	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	241 HALOGENATED SOLVENTS				
<a href="#">5</a>	13 of 15	WNW/92.0	69.9 / -1.64	<b>LAUNDRY LAND</b> 424 Churchill ave. Ottawa ON K1Z 5C8	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON0550900 Registered As of Dec 2018    			<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	241 H Halogenated solvents and residues				
<a href="#">5</a>	14 of 15	WNW/92.0	69.9 / -1.64	<b>Laundry Land Cleaning</b> 424 Churchill Ave N Ottawa ON K1Z5C8	CDRY
<b>Legal Name of Company:</b>	Laundry Land Dry Cleaning				
<b><u>Waste Quantity by Year</u></b>					
<b>Reporting Year:</b> <b>Quantity of PERC (kg):</b> <b>Total Waste Water (kg):</b> <b>Total Waste Water (L):</b> <b>Total Residue (kg):</b> <b>Total Residue (L):</b> <b>Total Mix (kg):</b> <b>Total Mix (L):</b> <b>Request for Confidentiality:</b>	2018 309 230 0 0 0 0 0 no				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Reason for Confidentiality:</b>					
<u>5</u>	15 of 15	WNW/92.0	69.9 / -1.64	LAUNDRY LAND 424 Churchill ave. Ottawa ON K1Z 5C8	GEN
<b>Generator No:</b>	ON0550900			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jul 2020			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	241 H				
<b>Waste Class Desc:</b>	Halogenated solvents and residues				
<u>6</u>	1 of 10	W/97.8	70.9 / -0.66	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
<b>Generator No:</b>	ON6810332			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2009			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	611110				
<b>SIC Description:</b>	Elementary and Secondary Schools				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	146				
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS				
<u>6</u>	2 of 10	W/97.8	70.9 / -0.66	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
<b>Generator No:</b>	ON6810332			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2010			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	611110				
<b>SIC Description:</b>	Elementary and Secondary Schools				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	146				
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS				
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<u>6</u>	3 of 10	W/97.8	70.9 / -0.66	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Generator No:</b>	ON6810332			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2011			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	611110				
<b>SIC Description:</b>	Elementary and Secondary Schools				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS				
<b><u>6</u></b>	<b>4 of 10</b>	<b>W/97.8</b>	<b>70.9 / -0.66</b>	<b>Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5</b>	<b>GEN</b>
<b>Generator No:</b>	ON6810332			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	611110				
<b>SIC Description:</b>	Elementary and Secondary Schools				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS				
<b><u>6</u></b>	<b>5 of 10</b>	<b>W/97.8</b>	<b>70.9 / -0.66</b>	<b>Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON</b>	<b>GEN</b>
<b>Generator No:</b>	ON6810332			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	611110				
<b>SIC Description:</b>	ELEMENTARY AND SECONDARY SCHOOLS				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS				
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b><u>6</u></b>	<b>6 of 10</b>	<b>W/97.8</b>	<b>70.9 / -0.66</b>	<b>Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5</b>	<b>GEN</b>
<b>Generator No:</b>	ON6810332			<b>PO Box No:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> <b>Approval Years:</b> 2016 <b>Contam. Facility:</b> No <b>MHSW Facility:</b> No <b>SIC Code:</b> 611110 <b>SIC Description:</b> ELEMENTARY AND SECONDARY SCHOOLS				<b>Country:</b> Canada <b>Choice of Contact:</b> CO_OFFICIAL <b>Co Admin:</b> Greg Benson <b>Phone No Admin:</b> 613-596-8211 Ext.8549	
<b>Detail(s)</b>					
<b>Waste Class:</b> 145 <b>Waste Class Desc:</b> PAINT/PIGMENT/COATING RESIDUES					
<b>Waste Class:</b> 146 <b>Waste Class Desc:</b> OTHER SPECIFIED INORGANICS					
<u>6</u>	7 of 10	W/97.8	70.9 / -0.66	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
<b>Generator No:</b> ON6810332 <b>Status:</b> <b>Approval Years:</b> 2015 <b>Contam. Facility:</b> No <b>MHSW Facility:</b> No <b>SIC Code:</b> 611110 <b>SIC Description:</b> ELEMENTARY AND SECONDARY SCHOOLS				<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_OFFICIAL <b>Co Admin:</b> Greg Benson <b>Phone No Admin:</b> 613-596-8211 Ext.8549	
<b>Detail(s)</b>					
<b>Waste Class:</b> 146 <b>Waste Class Desc:</b> OTHER SPECIFIED INORGANICS					
<b>Waste Class:</b> 145 <b>Waste Class Desc:</b> PAINT/PIGMENT/COATING RESIDUES					
<u>6</u>	8 of 10	W/97.8	70.9 / -0.66	Ottawa-Carleton District School Board 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
<b>Generator No:</b> ON6810332 <b>Status:</b> <b>Approval Years:</b> 2014 <b>Contam. Facility:</b> No <b>MHSW Facility:</b> No <b>SIC Code:</b> 611110 <b>SIC Description:</b> ELEMENTARY AND SECONDARY SCHOOLS				<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_OFFICIAL <b>Co Admin:</b> Greg Benson <b>Phone No Admin:</b> 613-596-8211 Ext.8549	
<b>Detail(s)</b>					
<b>Waste Class:</b> 145 <b>Waste Class Desc:</b> PAINT/PIGMENT/COATING RESIDUES					
<b>Waste Class:</b> 146 <b>Waste Class Desc:</b> OTHER SPECIFIED INORGANICS					
<u>6</u>	9 of 10	W/97.8	70.9 / -0.66	Ottawa-Carleton District School Board Health & Safety 345 Ravenhill Ave. Ottawa ON K2A 0J5	GEN
<b>Generator No:</b> ON6810332				<b>PO Box No:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	Registered As of Dec 2018			<b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	Canada
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	145 I Wastes from the use of pigments, coatings and paints				
<b>Waste Class:</b> <b>Waste Class Desc:</b>	146 T Other specified inorganic sludges, slurries or solids				
<b>6</b>	10 of 10	<b>W/97.8</b>	<b>70.9 / -0.66</b>	<b>Ottawa-Carleton District School Board Health &amp; Safety 345 Ravenhill Ave. Ottawa ON K2A 0J5</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON6810332 Registered As of Jul 2020			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	Canada
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	146 T Other specified inorganic sludges, slurries or solids				
<b>Waste Class:</b> <b>Waste Class Desc:</b>	145 I Wastes from the use of pigments, coatings and paints				
<b>7</b>	1 of 2	<b>SW/119.4</b>	<b>71.9 / 0.34</b>	<b>SAMPLE 23 ON</b>	<b>MNR</b>
<b>MDI No:</b> <b>OGF ID:</b> <b>Deposit Status:</b> <b>Claim Map:</b> <b>Geological District:</b> <b>Mining Division:</b> <b>Name:</b> <b>P Commod:</b> <b>S Commod:</b> <b>Class Sub Type No:</b> <b>Class Sub Type:</b> <b>Source Map:</b> <b>Detail:</b> <b>All Names:</b> <b>Access Description:</b> <b>Status:</b>	MDI31G05NW00015 205262561 DISCRETIONARY OCCURRENCE T-2383 SOUTHEASTERN ONTARIO SOUTHERN ONTARIO SAMPLE 23 LIMESTONE (BUILDING STONES)			<b>Twp Area:</b> <b>Dep Class:</b> <b>Zone:</b> <b>Easting:</b> <b>Northing:</b> <b>Effective Dt/time:</b> <b>Date Last Modified:</b> <b>Geo Update Dt/time:</b>	NEPEAN 18 441027.308 5026523.025 13-Jun-2005
<b><u>Deposit Details</u></b>					
<b>Deposit Year:</b> <b>Deposit Character:</b> <b>Commodity:</b>	1993 LIMESTONE (BUILDING STONES)				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Ranking:</b> <b>Twp/Area:</b> <b>Con/Lot/Sec:</b> <b>Legal Desc:</b> <b>Township Area Ranking:</b> <b>Mndm Township Area No:</b> <b>Effective Date/Time:</b>		1 NEPEAN LOT: NA Con: NA City of Ottawa 1 1758 12/7/2005 12:32:36 PM			
<a href="#"><u>7</u></a>	2 of 2	SW/119.4	71.9 / 0.34	HIGHLAND PARK  ON	MNR
<b>MDI No:</b> <b>OGF ID:</b> <b>Deposit Status:</b> <b>Claim Map:</b> <b>Geological District:</b> <b>Mining Division:</b> <b>Name:</b> <b>P Commod:</b> <b>S Commod:</b> <b>Class Sub Type No:</b> <b>Class Sub Type:</b> <b>Source Map:</b> <b>Detail:</b> <b>All Names:</b> <b>Access Description:</b> <b>Status:</b>		MDI31G05NW00016 205264986 DISCRETIONARY OCCURRENCE T-2383 SOUTHEASTERN ONTARIO SOUTHERN ONTARIO HIGHLAND PARK LIMESTONE (BUILDING STONES)  2496 Discretionary Mineral Occurrence DEMR 1987, NTS 31G05 OTTAWA http://www.geologyontario.mndm.gov.on.ca/mndmfiles/mdi/data/records/MDI31G05NW00016.html HIGHLAND PARK N/A**Note: Many records provided by the department have a truncated [Access Description] field. DISCRETIONARY OCCURRENCE		<b>Twp Area:</b> <b>Dep Class:</b> <b>Zone:</b> <b>Easting:</b> <b>Northing:</b> <b>Effective Dt/time:</b> <b>Date Last Modified:</b> <b>Geo Update Dt/time:</b>	NEPEAN  18 441027.308 5026523.025 13-Jun-2005
<b><u>Deposit Details</u></b>					
<b>Deposit Year:</b> <b>Deposit Character:</b> <b>Commodity:</b> <b>Ranking:</b> <b>Twp/Area:</b> <b>Con/Lot/Sec:</b> <b>Legal Desc:</b> <b>Township Area Ranking:</b> <b>Mndm Township Area No:</b> <b>Effective Date/Time:</b>		1993  LIMESTONE (BUILDING STONES) 1 NEPEAN LOT: 34 Con: 1  1 1758 12/7/2005 12:32:36 PM			
<a href="#"><u>8</u></a>	1 of 4	WNW/122.1	69.9 / -1.64	Blyth Academy Ottawa 352 Danforth Ave Ottawa ON	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON7687172  2013  611110 ELEMENTARY AND SECONDARY SCHOOLS		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		148 INORGANIC LABORATORY CHEMICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>8</u>	2 of 4	WNW/122.1	69.9 / -1.64	Blyth Academy Ottawa 352 Danforth Ave Ottawa ON K2A 0E2	GEN
<b>Generator No:</b>	ON7687172			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	611110				
<b>SIC Description:</b>	ELEMENTARY AND SECONDARY SCHOOLS				
<b>Detail(s)</b>					
<b>Waste Class:</b>	148				
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	263				
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS				
<u>8</u>	3 of 4	WNW/122.1	69.9 / -1.64	Blyth Academy Ottawa 352 Danforth Ave Ottawa ON K2A 0E2	GEN
<b>Generator No:</b>	ON7687172			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	611110				
<b>SIC Description:</b>	ELEMENTARY AND SECONDARY SCHOOLS				
<b>Detail(s)</b>					
<b>Waste Class:</b>	148				
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	263				
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS				
<u>8</u>	4 of 4	WNW/122.1	69.9 / -1.64	Blyth Academy Ottawa 352 Danforth Ave Ottawa ON K2A 0E2	GEN
<b>Generator No:</b>	ON7687172			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	611110				
<b>SIC Description:</b>	ELEMENTARY AND SECONDARY SCHOOLS				
<b>Detail(s)</b>					
<b>Waste Class:</b>	148				
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	263				
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">9</a>	1 of 4	NW/134.2	68.8 / -2.74	412 Churchill Ave Ottawa ON	EHS
<b>Order No:</b>	20041115003			<b>Nearest Intersection:</b>	Richmond Road & Churchill Ave
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	11/18/04			<b>Search Radius (km):</b>	0.25
<b>Date Received:</b>	11/15/04			<b>X:</b>	-75.753662
<b>Previous Site Name:</b>				<b>Y:</b>	45.391773
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">9</a>	2 of 4	NW/134.2	68.8 / -2.74	412 Churchill Avenue Ottawa ON K1V 8Y5	EHS
<b>Order No:</b>	20061204035			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Complete Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	12/8/2006			<b>Search Radius (km):</b>	0.25
<b>Date Received:</b>	12/4/2006			<b>X:</b>	-75.753662
<b>Previous Site Name:</b>				<b>Y:</b>	45.391773
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">9</a>	3 of 4	NW/134.2	68.8 / -2.74	Enbridge Gas Distribution Inc. 412 & 414 Churchill Ave. Ottawa ON	SPL
<b>Ref No:</b>	8482-84ZNTG			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>				<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge or Emission to Air			<b>Sector Type:</b>	Pipeline
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	35			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	NATURAL GAS (METHANE)			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Not Anticipated			<b>Site Municipality:</b>	
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>				<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	4/30/2010			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	TSSA - Fuel Safety Branch
<b>Incident Reason:</b>	Equipment/Vehicles			<b>Source Type:</b>	
<b>Site Name:</b>	possible road Construction site<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	TSSA: Enbridge:1" plastic damage, methane to atmosphere				
<b>Contaminant Qty:</b>	40 min (duration)				
<a href="#">9</a>	4 of 4	NW/134.2	68.8 / -2.74	412 & 414 Churchill Avenue, Ottawa ON	INC
<b>Incident No:</b>	377302			<b>Any Health Impact:</b>	
<b>Incident ID:</b>	2528892			<b>Any Enviro Impact:</b>	
<b>Instance No:</b>				<b>Service Interrupted:</b>	
<b>Status Code:</b>	Causal Analysis Complete			<b>Was Prop Damaged:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Attribute Category:</b> FS-Incident <b>Context:</b> <b>Date of Occurrence:</b> <b>Time of Occurrence:</b> <b>Incident Created On:</b> <b>Instance Creation Dt:</b> <b>Instance Install Dt:</b> <b>Occur Insp Start Date:</b> <b>Approx Quant Rel:</b> <b>Tank Capacity:</b> <b>Fuels Occur Type:</b> <b>Fuel Type Involved:</b> <b>Enforcement Policy:</b> <b>Prc Escalation Req:</b> <b>Tank Material Type:</b> <b>Tank Storage Type:</b> <b>Tank Location Type:</b> <b>Pump Flow Rate Cap:</b> <b>Task No:</b> <b>Notes:</b> <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>Incident Location:</b> <b>Occurrence Narrative:</b> <b>Operation Type Involved:</b> <b>Item:</b> <b>Item Description:</b> <b>Device Installed Location:</b>				<b>Reside App. Type:</b> <b>Commer App. Type:</b> <b>Indus App. Type:</b> <b>Institut App. Type:</b> <b>Venting Type:</b> <b>Vent Conn Mater:</b> <b>Vent Chimney Mater:</b> <b>Pipeline Type:</b> Service / Riser Distribution Pipeline <b>Pipeline Involved:</b> <b>Pipe Material:</b> Plastic <b>Depth Ground Cover:</b> .8m <b>Regulator Location:</b> Outside <b>Regulator Type:</b> Service Regulator (up to 60 psi intake) <b>Operation Pressure:</b> IP <b>Liquid Prop Make:</b> <b>Liquid Prop Model:</b> <b>Liquid Prop Serial No:</b> <b>Liquid Prop Notes:</b> <b>Equipment Type:</b> <b>Equipment Model:</b> <b>Serial No:</b> <b>Cylinder Capacity:</b> <b>Cylinder Cap Units:</b> <b>Cylinder Mat Type:</b> <b>Near Body of Water:</b>	
		412 & 414 Churchill Avenue, Ottawa - 1" Pipeline Hit			
		Gas Line not properly Located.			

<u>10</u>	1 of 1	NW/134.3	68.8 / -2.74	ALBERT & SON ENGRAVERS 412B CHURCHILL AVE. OTTAWA ON K1Z 5C6	GEN
<b>Generator No:</b> ON2135900 <b>Status:</b> <b>Approval Years:</b> 96,97,98 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 2821 <b>SIC Description:</b> PLATEMAKING, ETC.				<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b>Detail(s)</b>					
<b>Waste Class:</b> 112 <b>Waste Class Desc:</b> ACID WASTE - HEAVY METALS					
<b>Waste Class:</b> 211 <b>Waste Class Desc:</b> AROMATIC SOLVENTS					
<b>Waste Class:</b> 212 <b>Waste Class Desc:</b> ALIPHATIC SOLVENTS					

<u>11</u>	1 of 1	WSW/134.5	70.2 / -1.37	345 RAVENHURST AVE. WELL #2 Ottawa ON	WWIS
<b>Well ID:</b> 7218235 <b>Construction Date:</b> <b>Primary Water Use:</b> <b>Sec. Water Use:</b>				<b>Data Entry Status:</b> <b>Data Src:</b> <b>Date Received:</b> 3/21/2014 <b>Selected Flag:</b> Yes	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Final Well Status:</b>	Abandoned-Other			<b>Abandonment Rec:</b>	Yes
<b>Water Type:</b>				<b>Contractor:</b>	1558
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z172518			<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	345 RAVENHURST AVE. WELL #2
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/721\7218235.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7218235.pdf)

### Bore Hole Information

<b>Bore Hole ID:</b>	1004724862	<b>Elevation:</b>	75.069595
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	440955
<b>Code OB Desc:</b>		<b>North83:</b>	5026592
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	7/25/2013	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	digit
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

### Annular Space/Abandonment Sealing Record

<b>Plug ID:</b>	1005101999
<b>Layer:</b>	1
<b>Plug From:</b>	137.15
<b>Plug To:</b>	1.82
<b>Plug Depth UOM:</b>	m

### Method of Construction & Well Use

<b>Method Construction ID:</b>	1005101998
<b>Method Construction Code:</b>	
<b>Method Construction:</b>	
<b>Other Method Construction:</b>	

### Pipe Information

<b>Pipe ID:</b>	1005101992
<b>Casing No:</b>	0
<b>Comment:</b>	
<b>Alt Name:</b>	

### Construction Record - Casing

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

**Casing ID:** 1005101996  
**Layer:**  
**Material:**  
**Open Hole or Material:**  
**Depth From:**  
**Depth To:**  
**Casing Diameter:**  
**Casing Diameter UOM:** cm  
**Casing Depth UOM:** m

**Construction Record - Screen**

**Screen ID:** 1005101997  
**Layer:**  
**Slot:**  
**Screen Top Depth:**  
**Screen End Depth:**  
**Screen Material:**  
**Screen Depth UOM:** m  
**Screen Diameter UOM:** cm  
**Screen Diameter:**

**Water Details**

**Water ID:** 1005101995  
**Layer:**  
**Kind Code:**  
**Kind:**  
**Water Found Depth:**  
**Water Found Depth UOM:** m

**Hole Diameter**

**Hole ID:** 1005101994  
**Diameter:**  
**Depth From:**  
**Depth To:**  
**Hole Depth UOM:** m  
**Hole Diameter UOM:** cm

[12](#)    1 of 1    **W/136.0**    **69.8 / -1.71**    **Byron  
Ottawa ON**    **EHS**

<b>Order No:</b>	20170727112	<b>Nearest Intersection:</b>	
<b>Status:</b>	C	<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report	<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	03-AUG-17	<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	27-JUL-17	<b>X:</b>	-75.754379
<b>Previous Site Name:</b>		<b>Y:</b>	45.390631
<b>Lot/Building Size:</b>			
<b>Additional Info Ordered:</b>			

[13](#)    1 of 3    **WNW/139.6**    **68.8 / -2.72**    **349 Danforth Avenue  
Ottawa ON K2A 0E1**    **EHS**

<b>Order No:</b>	20200318139	<b>Nearest Intersection:</b>	
<b>Status:</b>	C	<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report	<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	23-MAR-20	<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	18-MAR-20	<b>X:</b>	-75.7541952

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Previous Site Name:</b>				Y:	45.3913044
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>		Fire Insur. Maps and/or Site Plans			
<a href="#">13</a>	2 of 3	WNW/139.6	68.8 / -2.72	349 Danforth Avenue Ottawa ON K2A 0E1	EHS
<b>Order No:</b>	20200318139			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	23-MAR-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	18-MAR-20			<b>X:</b>	-75.7541952
<b>Previous Site Name:</b>				<b>Y:</b>	45.3913044
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				
<a href="#">13</a>	3 of 3	WNW/139.6	68.8 / -2.72	349 Danforth Avenue Ottawa ON K2A 0E1	EHS
<b>Order No:</b>	20200318139			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	23-MAR-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	18-MAR-20			<b>X:</b>	-75.7541952
<b>Previous Site Name:</b>				<b>Y:</b>	45.3913044
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				
<a href="#">14</a>	1 of 1	E/146.4	72.9 / 1.35	464 EVERED AVENUE OTTAWA ON K1Z 5K8	HINC
<b>External File Num:</b>	FS INC 0810-06021				
<b>Fuel Occurrence Type:</b>	Pipeline Strike				
<b>Date of Occurrence:</b>	9/30/2008				
<b>Fuel Type Involved:</b>	Natural Gas				
<b>Status Desc:</b>	Completed - Causal Analysis(End)				
<b>Job Type Desc:</b>	Incident/Near-Miss Occurrence (FS)				
<b>Oper. Type Involved:</b>	Construction Site (pipeline strike)				
<b>Service Interruptions:</b>	Yes				
<b>Property Damage:</b>	No				
<b>Fuel Life Cycle Stage:</b>	Transmission, Distribution and Transportation				
<b>Root Cause:</b>	Root Cause: Equipment/Material/Component:Yes Procedures:Yes Maintenance:No Design:No Training:Yes Management:No Human Factors:Yes				
<b>Reported Details:</b>					
<b>Fuel Category:</b>	Gaseous Fuel				
<b>Occurrence Type:</b>	Incident				
<b>Affiliation:</b>	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
<b>County Name:</b>	Ottawa				
<b>Approx. Quant. Rel:</b>					
<b>Nearby body of water:</b>					
<b>Enter Drainage Syst.:</b>					
<b>Approx. Quant. Unit:</b>					
<b>Environmental Impact:</b>					
<a href="#">15</a>	1 of 1	W/149.9	69.9 / -1.67	PRIVATE RESIDENCE 518 BYRON AVE. STORAGE TANK/BARREL OTTAWA CITY ON K2A 0E3	SPL
<b>Ref No:</b>	27129			<b>Discharger Report:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Site No:</b> <b>Incident Dt:</b> 10/28/1989 <b>Year:</b> <b>Incident Cause:</b> OTHER CAUSE (N.O.S.) <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> NOT ANTICIPATED <b>Nature of Impact:</b> <b>Receiving Medium:</b> LAND <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scrn:</b> <b>MOE Reported Dt:</b> 10/28/1989 <b>Dt Document Closed:</b> <b>Incident Reason:</b> CORROSION <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> 400 L FURNACE OIL TO GRD AT RESIDENCE. <b>Contaminant Qty:</b>					
<b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> 20101 <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> <b>Source Type:</b>					
<a href="#">16</a>	1 of 2	NW/154.3	68.8 / -2.73	354 Richmond Road Ottawa ON K2A 0E8	EHS
<b>Order No:</b> 20030922015 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 9/24/03 <b>Date Received:</b> 9/22/03 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>					
<b>Nearest Intersection:</b> Churchill Avenue <b>Municipality:</b> (formerly RMOC) <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> 0.25 <b>X:</b> 0 <b>Y:</b> 0					
<a href="#">16</a>	2 of 2	NW/154.3	68.8 / -2.73	PEARL CLEANERS 354B RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
<b>Generator No:</b> ON1984500 <b>Status:</b> <b>Approval Years:</b> 95,96,97,98,99,00,01 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 2499 <b>SIC Description:</b> OTHER CLOTHING ETC.					
<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 241 <b>Waste Class Desc:</b> HALOGENATED SOLVENTS					
<a href="#">17</a>	1 of 1	NNW/154.9	68.7 / -2.78	324 RICHMOND ROAD Ottawa ON	WWIS
<b>Well ID:</b> 7295754 <b>Construction Date:</b> <b>Primary Water Use:</b> Test Hole <b>Sec. Water Use:</b> Monitoring					
<b>Data Entry Status:</b> <b>Data Src:</b> <b>Date Received:</b> 9/29/2017 <b>Selected Flag:</b> Yes					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Final Well Status:</b>	Monitoring and Test Hole			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	7241
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z258542			<b>Owner:</b>	
<b>Tag:</b>	A189841			<b>Street Name:</b>	324 RICHMOND ROAD
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

PDF URL (Map):

### Bore Hole Information

<b>Bore Hole ID:</b>	1006738446	<b>Elevation:</b>	68.905883
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	441037
<b>Code OB Desc:</b>		<b>North83:</b>	5026775
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	8/21/2017	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

### Overburden and Bedrock

#### Materials Interval

<b>Formation ID:</b>	1006884699
<b>Layer:</b>	2
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	09
<b>Most Common Material:</b>	MEDIUM SAND
<b>Mat2:</b>	11
<b>Mat2 Desc:</b>	GRAVEL
<b>Mat3:</b>	85
<b>Mat3 Desc:</b>	SOFT
<b>Formation Top Depth:</b>	1
<b>Formation End Depth:</b>	3
<b>Formation End Depth UOM:</b>	ft

### Overburden and Bedrock

#### Materials Interval

<b>Formation ID:</b>	1006884700
<b>Layer:</b>	3
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat2:</b>		74			
<b>Mat2 Desc:</b>		LAYERED			
<b>Mat3:</b>		73			
<b>Mat3 Desc:</b>		HARD			
<b>Formation Top Depth:</b>		3			
<b>Formation End Depth:</b>		4			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1006884698			
<b>Layer:</b>		1			
<b>Color:</b>		8			
<b>General Color:</b>		BLACK			
<b>Mat1:</b>		11			
<b>Most Common Material:</b>		GRAVEL			
<b>Mat2:</b>		73			
<b>Mat2 Desc:</b>		HARD			
<b>Mat3:</b>		79			
<b>Mat3 Desc:</b>		PACKED			
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1006884712			
<b>Layer:</b>		4			
<b>Plug From:</b>		19			
<b>Plug To:</b>		40			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1006884709			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		1			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1006884711			
<b>Layer:</b>		3			
<b>Plug From:</b>		2			
<b>Plug To:</b>		19			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1006884710			
<b>Layer:</b>		2			
<b>Plug From:</b>		1			
<b>Plug To:</b>		2			
<b>Plug Depth UOM:</b>		ft			



<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1006884708			
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>		DIAMOND			
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1006884697			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1006884704			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		20			
<b>Casing Diameter:</b>		1.38			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1006884705			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		20			
<b>Screen End Depth:</b>		40			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		1.66			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1006884703			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1006884702			
<b>Diameter:</b>		2.375			
<b>Depth From:</b>		4			
<b>Depth To:</b>		40			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1006884701			
<b>Diameter:</b>		2.875			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		0			
Depth To:		4			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<a href="#">18</a>	1 of 2	NNW/168.6	68.7 / -2.78	Valberg Imaging 322 Richmond Rd Ottawa ON K1Z 6X6	SCT
Established:		01-DEC-85			
Plant Size (ft²):					
Employment:					
<b>--Details--</b>					
Description:		Other Printing			
SIC/NAICS Code:		323119			
Description:		Photographic Services			
SIC/NAICS Code:		541920			
<a href="#">18</a>	2 of 2	NNW/168.6	68.7 / -2.78	322 Richmond Rd Ottawa ON K1Z6X6	EHS
Order No:		20170719096		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		25-JUL-17		Search Radius (km): .25	
Date Received:		19-JUL-17		X: -75.753159	
Previous Site Name:				Y: 45.392206	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
<a href="#">19</a>	1 of 2	WNW/169.5	68.9 / -2.67	VELO SPORTABLE CYCLE 358 RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
Generator No:		ON1830701		PO Box No:	
Status:				Country:	
Approval Years:		00,01		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		6541			
SIC Description:		SPORTING GOODS STORE			
<b>Detail(s)</b>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">19</a>	2 of 2	WNW/169.5	68.9 / -2.67	1534244 Ontario Inc 358 Richmond Road Ottawa ON	GEN
<b>Generator No:</b>	ON5993376			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	03,04,06			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	451110				
<b>SIC Description:</b>	Sporting Goods Stores				
<b>Detail(s)</b>					
<b>Waste Class:</b>		211			
<b>Waste Class Desc:</b>		AROMATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<a href="#">20</a>	1 of 1	NNW/170.8	68.9 / -2.66	332 and 334 Richmond Road Ottawa ON	EHS
<b>Order No:</b>	20051104004			<b>Nearest Intersection:</b>	Richmond Rd. and Churchill Ave. N.
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	11/14/2005			<b>Search Radius (km):</b>	0.25
<b>Date Received:</b>	11/4/2005			<b>X:</b>	-75.75355
<b>Previous Site Name:</b>				<b>Y:</b>	45.392084
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">21</a>	1 of 2	NW/174.3	68.9 / -2.67	WESTBOROUGH PHARMASAVE 340 RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
<b>Generator No:</b>	ON1842422			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	00,01			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	6031				
<b>SIC Description:</b>	PHARMACIES				
<b>Detail(s)</b>					
<b>Waste Class:</b>		261			
<b>Waste Class Desc:</b>		PHARMACEUTICALS			
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<a href="#">21</a>	2 of 2	NW/174.3	68.9 / -2.67	WESTBORO PHARMACY LTD WESTBORO PHARMACY LIMITED 340 RICHMOND ROAD OTTAWA ON K2A 0E8	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1842422  02,03,04			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<b><u>Detail(s)</u></b>					
Waste Class: Waste Class Desc:	261 PHARMACEUTICALS				
Waste Class: Waste Class Desc:	312 PATHOLOGICAL WASTES				

<a href="#">22</a>	1 of 1	WSW/174.5	70.2 / -1.36	345 RAVENHURST AVE. WELL #1 Ottawa ON	WWIS
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Well ID:	7218236	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	3/21/2014
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	1558
Casing Material:		Form Version:	7
Audit No:	Z172519	Owner:	
Tag:		Street Name:	345 RAVENHURST AVE. WELL #1
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/721\7218236.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7218236.pdf)

**Bore Hole Information**

Bore Hole ID:	1004724871	Elevation:	73.028633
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	440923
Code OB Desc:		North83:	5026562
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	5
Date Completed:	7/25/2013	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	digit
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Annular Space/Abandonment Sealing Record**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Plug ID:</b>		1005102007			
<b>Layer:</b>		1			
<b>Plug From:</b>		137.15			
<b>Plug To:</b>		1.82			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1005102006			
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1005102000			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1005102004			
<b>Layer:</b>					
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1005102005			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>					
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1005102003			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		m			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1005102002			
<b>Diameter:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
<a href="#">23</a>	1 of 1	NW/175.0	68.9 / -2.67	<b>BlackCherry Digital Media Inc.</b> 346 Richmond Rd Suite 210 Ottawa ON K2A 0E8	SCT
<b>Established:</b>		01-AUG-04			
<b>Plant Size (ft²):</b>					
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>		Graphic Design Services			
<b>SIC/NAICS Code:</b>		541430			
<b>Description:</b>		Software Publishers			
<b>SIC/NAICS Code:</b>		511210			
<b>Description:</b>		Computer Systems Design and Related Services			
<b>SIC/NAICS Code:</b>		541510			
<b>Description:</b>		Motion Picture and Video Production			
<b>SIC/NAICS Code:</b>		512110			
<a href="#">24</a>	1 of 4	WNW/175.2	68.9 / -2.67	<b>DOVERS HARDWARE</b> 356 RICHMOND ROAD OTTAWA ON K2A 0E8	PES
<b>Detail Licence No:</b>					
<b>Licence No:</b>					
<b>Status:</b>					
<b>Approval Date:</b>					
<b>Report Source:</b>					
<b>Licence Type:</b>		Vendor			
<b>Licence Type Code:</b>					
<b>Licence Class:</b>					
<b>Licence Control:</b>					
<b>Latitude:</b>					
<b>Longitude:</b>					
<b>Lot:</b>					
<b>Concession:</b>					
<b>Region:</b>					
<b>District:</b>					
<b>County:</b>					
<b>Trade Name:</b>					
<b>PDF Link:</b>					
<b>Operator Box:</b>					
<b>Operator Class:</b>					
<b>Operator No:</b>					
<b>Operator Type:</b>					
<b>Oper Area Code:</b>					
<b>Oper Phone No:</b>					
<b>Operator Ext:</b>					
<b>Operator Lot:</b>					
<b>Oper Concession:</b>					
<b>Operator Region:</b>					
<b>Operator District:</b>					
<b>Operator County:</b>					
<b>Op Municipality:</b>					
<b>Post Office Box:</b>					
<b>MOE District:</b>					
<b>SWP Area Name:</b>					
<a href="#">24</a>	2 of 4	WNW/175.2	68.9 / -2.67	<b>356 Richmond Road</b> Ottawa ON K2A 0E8	EHS
<b>Order No:</b>		20091223015			
<b>Status:</b>		C			
<b>Report Type:</b>		Standard Report			
<b>Report Date:</b>		12/31/2009			
<b>Date Received:</b>		12/23/2009			
<b>Previous Site Name:</b>					
<b>Lot/Building Size:</b>		5100 square feet			
<b>Additional Info Ordered:</b>		Fire Insur. Maps and/or Site Plans; City Directory			
<b>Nearest Intersection:</b>		Richmond road and Churchill Avenue			
<b>Municipality:</b>		Ottawa			
<b>Client Prov/State:</b>		ON			
<b>Search Radius (km):</b>		0.25			
<b>X:</b>		-75.754594			
<b>Y:</b>		45.391582			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">24</a>	3 of 4	WNW/175.2	68.9 / -2.67	356 Richmond Road Ottawa ON	EHS
<b>Order No:</b>	20160608079			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	Ottawa
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	15-JUN-16			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	08-JUN-16			<b>X:</b>	-75.754455
<b>Previous Site Name:</b>	Antique Store, unknown			<b>Y:</b>	45.391589
<b>Lot/Building Size:</b>	~0.1 ac				
<b>Additional Info Ordered:</b>					
<a href="#">24</a>	4 of 4	WNW/175.2	68.9 / -2.67	DOVERS HARDWARE 356 RICHMOND ROAD OTTAWA ON K2A0E7	PES
<b>Detail Licence No:</b>				<b>Operator Box:</b>	
<b>Licence No:</b>	05219			<b>Operator Class:</b>	
<b>Status:</b>				<b>Operator No:</b>	
<b>Approval Date:</b>				<b>Operator Type:</b>	
<b>Report Source:</b>	Legacy Licenses (Excluding TS)			<b>Oper Area Code:</b>	613
<b>Licence Type:</b>	Retail Vendor Class 03			<b>Oper Phone No:</b>	7224523
<b>Licence Type Code:</b>	21			<b>Operator Ext:</b>	
<b>Licence Class:</b>	03			<b>Operator Lot:</b>	
<b>Licence Control:</b>				<b>Oper Concession:</b>	
<b>Latitude:</b>				<b>Operator Region:</b>	
<b>Longitude:</b>				<b>Operator District:</b>	
<b>Lot:</b>				<b>Operator County:</b>	
<b>Concession:</b>				<b>Op Municipality:</b>	
<b>Region:</b>				<b>Post Office Box:</b>	
<b>District:</b>				<b>MOE District:</b>	
<b>County:</b>				<b>SWP Area Name:</b>	
<b>Trade Name:</b>					
<b>PDF Link:</b>					
<a href="#">25</a>	1 of 1	NW/176.2	68.9 / -2.67	561391 Ontario Inc. 350 Richmond Road Ottawa ON K2A 0E8	GEN
<b>Generator No:</b>	ON1337355			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	03,04			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<a href="#">26</a>	1 of 2	NNW/178.7	68.7 / -2.83	HYBRID PHRRARM INC 318 RICHMOND RD OTTAWA ON K1Z6X6	GEN
<b>Generator No:</b>	ON3143006			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					

**Detail(s)**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		261 C			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<a href="#">26</a>	2 of 2	<b>NNW/178.7</b>	<b>68.7 / -2.83</b>	<b>HYBRID PHRRARM INC 318 RICHMOND RD OTTAWA ON K1Z6X6</b>	<b>GEN</b>
<b>Generator No:</b>	ON3143006			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jul 2020			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		261 A			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		261 C			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		312 P			
<b>Waste Class Desc:</b>		Pathological wastes			
<a href="#">27</a>	1 of 1	<b>N/180.6</b>	<b>68.7 / -2.79</b>	<b>404 Eden Avenue Ottawa ON</b>	<b>EHS</b>
<b>Order No:</b>	20160202061			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	05-FEB-16			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	02-FEB-16			<b>X:</b>	-75.752484
<b>Previous Site Name:</b>				<b>Y:</b>	45.392308
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	City Directory				
<a href="#">28</a>	1 of 1	<b>NW/187.0</b>	<b>68.9 / -2.66</b>	<b>Richmond Rd Churchill Ave N Ottawa ON</b>	<b>EHS</b>
<b>Order No:</b>	20170727127			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	03-AUG-17			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	27-JUL-17			<b>X:</b>	-75.753809
<b>Previous Site Name:</b>				<b>Y:</b>	45.392155
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">29</a>	1 of 3	<b>W/187.1</b>	<b>68.8 / -2.73</b>	<b>FREDERICK GRODDE LTD. 379 DANFORTH AVENUE OTTAWA ON K2A 0E1</b>	<b>GEN</b>
<b>Generator No:</b>	ON1788600			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	93,94,95,96,97,98,99,00,01			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	9999				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SIC Description:</b>		OTHER SERVICES			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		211			
<b>Waste Class Desc:</b>		AROMATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b><u>29</u></b>	2 of 3	W/187.1	68.8 / -2.73	FREDERICK GRODDE LTD. 379 DANFORTH AVENUE OTTAWA ON K2A 0E1	GEN
<b>Generator No:</b>	ON1788600			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	02,03			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>29</u></b>	3 of 3	W/187.1	68.8 / -2.73	FREDERICK GRODDE LTD. 379 DANFORTH AVENUE OTTAWA ON K2A 0E1	GEN
<b>Generator No:</b>	ON1788600			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	04			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>30</u></b>	1 of 1	NE/192.7	69.9 / -1.64	OTTAWA CITY EDGEWOOD AVE./LINCOLN AVE. OTTAWA CITY ON	CA
<b>Certificate #:</b>	3-0446-93-				
<b>Application Year:</b>	93				
<b>Issue Date:</b>	5/12/1993				
<b>Approval Type:</b>	Municipal sewage				
<b>Status:</b>	Approved				
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<b><u>31</u></b>	1 of 1	WSW/194.9	70.0 / -1.55	First General Services (URA) 528 Byron St Ottawa ON K2A 0E3	GEN
<b>Generator No:</b>	ON3182297			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	03,04			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<a href="#">32</a>	1 of 11	WNW/196.1	68.9 / -2.65	Mountain Equipment Co-op 366 Richmond Road Ottawa ON	GEN
<b>Generator No:</b>	ON6336429			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	451110, 811490				
<b>SIC Description:</b>	SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE				
<b>Detail(s)</b>					
<b>Waste Class:</b>	251				
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES				
<a href="#">32</a>	2 of 11	WNW/196.1	68.9 / -2.65	Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8	GEN
<b>Generator No:</b>	ON6336429			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2011			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	451110, 811490				
<b>SIC Description:</b>					
<a href="#">32</a>	3 of 11	WNW/196.1	68.9 / -2.65	Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8	GEN
<b>Generator No:</b>	ON6336429			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	451110, 811490				
<b>SIC Description:</b>	Sporting Goods Stores, Other Personal and Household Goods Repair and Maintenance				
<a href="#">32</a>	4 of 11	WNW/196.1	68.9 / -2.65	Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8	GEN
<b>Generator No:</b>	ON6336429			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Justin Partridge
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	6137297802 Ext.
<b>SIC Code:</b>	451110, 811490				
<b>SIC Description:</b>	SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE				
<b>Detail(s)</b>					
<b>Waste Class:</b>	251				
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#"><u>32</u></a>	5 of 11	WNW/196.1	68.9 / -2.65	Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8	GEN
<b>Generator No:</b>	ON6336429			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Justin Partridge
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	6137297802 Ext.
<b>SIC Code:</b>	451110, 811490				
<b>SIC Description:</b>	SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE				
<b>Detail(s)</b>					
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#"><u>32</u></a>	6 of 11	WNW/196.1	68.9 / -2.65	Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8	GEN
<b>Generator No:</b>	ON6336429			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Lukasz Dybinksi
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	613 729 7802 Ext.
<b>SIC Code:</b>	451110, 811490				
<b>SIC Description:</b>	SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE				
<b>Detail(s)</b>					
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<a href="#"><u>32</u></a>	7 of 11	WNW/196.1	68.9 / -2.65	Mountain Equipment Co-op Ottawa 366 Richmond Road Ottawa ON K2A 0E8	GEN
<b>Generator No:</b>	ON6336429			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b>		146 T			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b>		252 L			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<b>Waste Class:</b>		331 I			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<a href="#">32</a>	8 of 11	WNW/196.1	68.9 / -2.65	<b>Mountain Equipment Co-op Ottawa</b> 366 Richmond Road Ottawa ON K2A 0E8	GEN
<b>Generator No:</b>		ON6336429		<b>PO Box No:</b>	
<b>Status:</b>		Registered		<b>Country:</b> Canada	
<b>Approval Years:</b>		As of Oct 2019		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<b>Waste Class:</b>		331 I			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		146 T			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<a href="#">32</a>	9 of 11	WNW/196.1	68.9 / -2.65	<b>MOUNTAIN EQUIPMENT CO-OPERATIVE</b> 366 RICHMOND RD OTTAWA ON K2A 0E8	PES
<b>Detail Licence No:</b>				<b>Operator Box:</b>	
<b>Licence No:</b>		L-232-3030715030		<b>Operator Class:</b>	
<b>Status:</b>		Active		<b>Operator No:</b>	
<b>Approval Date:</b>		2018-10-16		<b>Operator Type:</b>	
<b>Report Source:</b>		PEST-Limited Vendor		<b>Oper Area Code:</b>	
<b>Licence Type:</b>		Limited Vendor		<b>Oper Phone No:</b>	
<b>Licence Type Code:</b>				<b>Operator Ext:</b>	
<b>Licence Class:</b>				<b>Operator Lot:</b>	
<b>Licence Control:</b>				<b>Oper Concession:</b>	
<b>Latitude:</b>		45.39111111		<b>Operator Region:</b>	
<b>Longitude:</b>		-75.75472222		<b>Operator District:</b>	
<b>Lot:</b>				<b>Operator County:</b>	
<b>Concession:</b>				<b>Op Municipality:</b>	
<b>Region:</b>				<b>Post Office Box:</b>	
<b>District:</b>				<b>MOE District:</b> Ottawa	
<b>County:</b>				<b>SWP Area Name:</b> Rideau Valley	
<b>Trade Name:</b>					
<b>PDF Link:</b>		<a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2098076">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2098076</a>			
<a href="#">32</a>	10 of 11	WNW/196.1	68.9 / -2.65	<b>MEC CANADA INC.</b> 366 RICHMOND RD OTTAWA ON K2A 0E8	PES
<b>Detail Licence No:</b>				<b>Operator Box:</b>	
<b>Licence No:</b>		L-232-7104524418		<b>Operator Class:</b>	
<b>Status:</b>		Active		<b>Operator No:</b>	
<b>Approval Date:</b>		2020-11-17		<b>Operator Type:</b>	
<b>Report Source:</b>		PEST-Limited Vendor		<b>Oper Area Code:</b>	
<b>Licence Type:</b>		Limited Vendor		<b>Oper Phone No:</b>	
<b>Licence Type Code:</b>				<b>Operator Ext:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Licence Class:</b> <b>Licence Control:</b> <b>Latitude:</b> 45.39111111 <b>Longitude:</b> -75.75472222 <b>Lot:</b> <b>Concession:</b> <b>Region:</b> <b>District:</b> <b>County:</b> <b>Trade Name:</b> <b>PDF Link:</b>				<b>Operator Lot:</b> <b>Oper Concession:</b> <b>Operator Region:</b> <b>Operator District:</b> <b>Operator County:</b> <b>Op Municipality:</b> <b>Post Office Box:</b> <b>MOE District:</b> Ottawa <b>SWP Area Name:</b> Rideau Valley	
		<a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2304627">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2304627</a>			

<a href="#">32</a>	11 of 11	WNW/196.1	68.9 / -2.65	366 Richmond Rd Ottawa ON K2A 0E8	EHS
<b>Order No:</b> 20282400321 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 31-AUG-20 <b>Date Received:</b> 24-AUG-20 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>				<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.7549521 <b>Y:</b> 45.3913714	

<a href="#">33</a>	1 of 1	N/196.9	68.7 / -2.83	Forbie Activewear 314 Richmond Rd Ottawa ON K1Z 6X6	SCT
<b>Established:</b> 1993 <b>Plant Size (ft²):</b> <b>Employment:</b>					
<b>--Details--</b> <b>Description:</b> Cut and Sew Clothing Contracting <b>SIC/NAICS Code:</b> 315210					
<b>Description:</b> Other Men's and Boys' Cut and Sew Clothing Manufacturing <b>SIC/NAICS Code:</b> 315229					
<b>Description:</b> Other Women's and Girls' Cut and Sew Clothing Manufacturing <b>SIC/NAICS Code:</b> 315239					
<b>Description:</b> All Other Cut and Sew Clothing Manufacturing <b>SIC/NAICS Code:</b> 315299					
<b>Description:</b> Clothing Accessories and Other Clothing Manufacturing <b>SIC/NAICS Code:</b> 315990					

<a href="#">34</a>	1 of 2	NE/199.2	68.8 / -2.76	Enbridge Gas Distribution Inc. 412 Edgewood Avenue Ottawa ON	SPL
<b>Ref No:</b> 1132-AYMLE7 <b>Site No:</b> NA <b>Incident Dt:</b> 2018/05/10 <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> Leak/Break <b>Contaminant Code:</b> 35 <b>Contaminant Name:</b> NATURAL GAS (METHANE)				<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> 2 - Minor Environment <b>Client Type:</b> Corporation <b>Sector Type:</b> Miscellaneous Communal <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> 412 Edgewood Avenue	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> 1075 <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> Air <b>MOE Response:</b> No <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 2018/05/10 <b>Dt Document Closed:</b> 2018/05/18				<b>Site District Office:</b> Ottawa <b>Site Postal Code:</b> <b>Site Region:</b> Eastern <b>Site Municipality:</b> Ottawa <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components	
<b>Incident Reason:</b> Operator/Human Error <b>Site Name:</b> Residence<UNOFFICIAL> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> TSSA FSB: 1/2 inch plastic IP service line strike, made safe. <b>Contaminant Qty:</b> 0 other - see incident description				<b>Source Type:</b>	

<a href="#">34</a>	2 of 2	NE/199.2	68.8 / -2.76	<b>PIPELINE HIT 1/2"</b> <b>412 EDGEWOOD AVE,,OTTAWA,ON,K1Z 5K5,CA</b> <b>ON</b>	PINC
<b>Incident ID:</b> <b>Incident No:</b> 2302974 <b>Incident Reported Dt:</b> 5/11/2018 <b>Type:</b> FS-Pipeline Incident <b>Status Code:</b> <b>Customer Acct Name:</b> PIPELINE HIT 1/2" <b>Incident Address:</b> 412 EDGEWOOD AVE,,OTTAWA,ON,K1Z 5K5,CA <b>Tank Status:</b> Pipeline Damage Reason Est <b>Task No:</b> <b>Spills Action Centre:</b> <b>Fuel Type:</b> <b>Fuel Occurrence Tp:</b> <b>Date of Occurrence:</b> <b>Occurrence Start Dt:</b> <b>Operation Type:</b> <b>Pipeline Type:</b> <b>Regulator Type:</b> <b>Summary:</b> <b>Reported By:</b> <b>Affiliation:</b> <b>Occurrence Desc:</b> <b>Damage Reason:</b> <b>Notes:</b>				<b>Fuel Category:</b> <b>Health Impact:</b> <b>Environment Impact:</b> <b>Property Damage:</b> <b>Service Interupt:</b> <b>Enforce Policy:</b> <b>Public Relation:</b> <b>Pipeline System:</b> <b>Depth:</b> <b>Pipe Material:</b> <b>PSIG:</b> <b>Attribute Category:</b> <b>Regulator Location:</b> <b>Method Details:</b>	

<a href="#">35</a>	1 of 1	NW/199.4	68.9 / -2.61	<b>343 RICHMOND ROAD</b> <b>Ottawa ON K2A 0E7</b>	HINC
<b>External File Num:</b> FS INC 0609-02847 <b>Fuel Occurrence Type:</b> Pipeline Strike <b>Date of Occurrence:</b> 10/18/2006 <b>Fuel Type Involved:</b> Natural Gas <b>Status Desc:</b> Completed - Causal Analysis(End) <b>Job Type Desc:</b> Incident/Near-Miss Occurrence (FS) <b>Oper. Type Involved:</b> Commercial (e.g. restaurant, business unit, etc) <b>Service Interruptions:</b> Yes <b>Property Damage:</b> No <b>Fuel Life Cycle Stage:</b> Utilization <b>Root Cause:</b> Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
		Management:No Human Factors:Yes			
<b>Reported Details:</b>					
<b>Fuel Category:</b>		Gaseous Fuel			
<b>Occurrence Type:</b>		Incident			
<b>Affiliation:</b>		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
<b>County Name:</b>		Ottawa			
<b>Approx. Quant. Rel:</b>					
<b>Nearby body of water:</b>					
<b>Enter Drainage Syst.:</b>					
<b>Approx. Quant. Unit:</b>					
<b>Environmental Impact:</b>					
<a href="#">36</a>	1 of 1	NW/202.3	68.3 / -3.22	337 Richmond Road Ottawa ON K2A 0E7	EHS
<b>Order No:</b>		20110815003		<b>Nearest Intersection:</b>	
<b>Status:</b>		C		<b>Municipality:</b>	
<b>Report Type:</b>		Custom Report		<b>Client Prov/State:</b> ON	
<b>Report Date:</b>		8/19/2011		<b>Search Radius (km):</b> 0.25	
<b>Date Received:</b>		8/15/2011 9:06:50 AM		<b>X:</b> -75.754012	
<b>Previous Site Name:</b>				<b>Y:</b> 45.392231	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">37</a>	1 of 1	N/202.4	68.7 / -2.79	Cassone Construction 300 Richmond Rd. Ottawa ON	GEN
<b>Generator No:</b>		ON4702399		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		2012		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>		236220			
<b>SIC Description:</b>		Commercial and Institutional Building Construction			
<a href="#">38</a>	1 of 2	W/207.5	68.9 / -2.60	JOSEPH C. GAFFNEY 372 RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
<b>Generator No:</b>		ON1338700		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		90		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>		6331			
<b>SIC Description:</b>		GASOLINE SERV. ST.			
<b>Detail(s)</b>					
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<a href="#">38</a>	2 of 2	W/207.5	68.9 / -2.60	JOSEPH C. GAFFNEY 22-433 372 RICHMOND ROAD OTTAWA ON K2A 0E8	GEN
<b>Generator No:</b>		ON1338700		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		92,93,94,95,96,97,98		<b>Choice of Contact:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 6331 <b>SIC Description:</b>		GASOLINE SERV. ST.		<b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		221 LIGHT FUELS			
<a href="#">39</a>	1 of 1	NNE/208.8	69.0 / -2.56	ENBRIDGE GAS INC 401 EDEN AVE., OTTAWA, ON, K1Z 5J1, CA ON	PINC
<b>Incident ID:</b> <b>Incident No:</b> 2833556 <b>Incident Reported Dt:</b> 4/22/2020 <b>Type:</b> FS-Pipeline Incident <b>Status Code:</b> <b>Customer Acct Name:</b> ENBRIDGE GAS INC <b>Incident Address:</b> 401 EDEN AVE., OTTAWA, ON, K1Z 5J1, CA <b>Tank Status:</b> Pipeline Damage Reason Est <b>Task No:</b> <b>Spills Action Centre:</b> <b>Fuel Type:</b> <b>Fuel Occurrence Tp:</b> <b>Date of Occurrence:</b> <b>Occurrence Start Dt:</b> <b>Operation Type:</b> <b>Pipeline Type:</b> <b>Regulator Type:</b> <b>Summary:</b> <b>Reported By:</b> <b>Affiliation:</b> <b>Occurrence Desc:</b> <b>Damage Reason:</b> <b>Notes:</b>		<b>Fuel Category:</b> <b>Health Impact:</b> <b>Environment Impact:</b> <b>Property Damage:</b> <b>Service Interrupt:</b> <b>Enforce Policy:</b> <b>Public Relation:</b> <b>Pipeline System:</b> <b>Depth:</b> <b>Pipe Material:</b> <b>PSIG:</b> <b>Attribute Category:</b> <b>Regulator Location:</b> <b>Method Details:</b>			
<a href="#">40</a>	1 of 1	W/210.4	68.9 / -2.60	380 RICHMOND ROAD OTTAWA ON	WWIS
<b>Well ID:</b> 7198182 <b>Construction Date:</b> <b>Primary Water Use:</b> Monitoring and Test Hole <b>Sec. Water Use:</b> <b>Final Well Status:</b> Test Hole <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> Z163364 <b>Tag:</b> A141813 <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>		<b>Data Entry Status:</b> <b>Data Src:</b> <b>Date Received:</b> 3/7/2013 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 7241 <b>Form Version:</b> 7 <b>Owner:</b> <b>Street Name:</b> 380 RICHMOND ROAD <b>County:</b> OTTAWA <b>Municipality:</b> NEPEAN TOWNSHIP <b>Site Info:</b> <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>			



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

**Bore Hole Information**

<b>Bore Hole ID:</b>	1004260983	<b>Elevation:</b>	67.462875
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	440878
<b>Code OB Desc:</b>		<b>North83:</b>	5026667
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	1/25/2013	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1004820108
<b>Layer:</b>	2
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	11
<b>Most Common Material:</b>	GRAVEL
<b>Mat2:</b>	28
<b>Mat2 Desc:</b>	SAND
<b>Mat3:</b>	77
<b>Mat3 Desc:</b>	LOOSE
<b>Formation Top Depth:</b>	.31
<b>Formation End Depth:</b>	.61
<b>Formation End Depth UOM:</b>	m

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1004820110
<b>Layer:</b>	4
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	74
<b>Mat3 Desc:</b>	LAYERED
<b>Formation Top Depth:</b>	1.22
<b>Formation End Depth:</b>	10.67
<b>Formation End Depth UOM:</b>	m

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1004820107
<b>Layer:</b>	1
<b>Color:</b>	7
<b>General Color:</b>	RED
<b>Mat1:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Most Common Material:</b>					
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		.31			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1004820109			
<b>Layer:</b>		3			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>		85			
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		.61			
<b>Formation End Depth:</b>		1.22			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1004820120			
<b>Layer:</b>		2			
<b>Plug From:</b>		0.31			
<b>Plug To:</b>		7.01			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1004820119			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		0.31			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1004820121			
<b>Layer:</b>		3			
<b>Plug From:</b>		7.01			
<b>Plug To:</b>		10.67			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		1004820118			
<b>Method Construction Code:</b>		5			
<b>Method Construction:</b>		Air Percussion			
<b>Other Method Construction:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1004820106			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1004820114			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		7.62			
<b>Casing Diameter:</b>		4.03			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1004820115			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		7.62			
<b>Screen End Depth:</b>		10.67			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		4.82			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1004820113			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		m			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1004820112			
<b>Diameter:</b>		7.62			
<b>Depth From:</b>		1.52			
<b>Depth To:</b>		10.67			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1004820111			
<b>Diameter:</b>		11.43			
<b>Depth From:</b>		0			
<b>Depth To:</b>		1.52			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
<b>41</b>	<b>1 of 1</b>	<b>NW/214.6</b>	<b>68.9 / -2.61</b>	<b>345 Richmond Road Ottawa ON K2A 0E7</b>	<b>EHS</b>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Order No:</b>	20090504042			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	5/13/2009			<b>Search Radius (km):</b>	0.25
<b>Date Received:</b>	5/4/2009			<b>X:</b>	-75.754352
<b>Previous Site Name:</b>				<b>Y:</b>	45.392197
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					

<a href="#">42</a>	1 of 1	NNW/220.5	68.2 / -3.37	lot 31 con 1 ON	WWIS
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<b>Well ID:</b>	7292792	<b>Data Entry Status:</b>	Yes
<b>Construction Date:</b>		<b>Data Src:</b>	
<b>Primary Water Use:</b>		<b>Date Received:</b>	8/17/2017
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>		<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	7543
<b>Casing Material:</b>		<b>Form Version:</b>	8
<b>Audit No:</b>	C36222	<b>Owner:</b>	
<b>Tag:</b>	A191633	<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	OTTAWA
<b>Elevation (m):</b>		<b>Municipality:</b>	NEPEAN TOWNSHIP
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	031
<b>Well Depth:</b>		<b>Concession:</b>	01
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	OF
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

PDF URL (Map):

**Bore Hole Information**

<b>Bore Hole ID:</b>	1006712700	<b>Elevation:</b>	67.020515
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	441029
<b>Code OB Desc:</b>		<b>North83:</b>	5026841
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	7/27/2017	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

<a href="#">43</a>	1 of 1	NW/222.6	68.3 / -3.22	337 RICHMOND RD Ottawa ON	WWIS
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<b>Well ID:</b>	7171703	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	
<b>Primary Water Use:</b>	Monitoring and Test Hole	<b>Date Received:</b>	11/15/2011
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Test Hole	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	7241

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z134378			<b>Owner:</b>	
<b>Tag:</b>	A106606			<b>Street Name:</b>	337 RICHMOND RD
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/717\7171703.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7171703.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	1003606801	<b>Elevation:</b>	66.915748
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	440971
<b>Code OB Desc:</b>		<b>North83:</b>	5026819
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	3
<b>Date Completed:</b>	9/8/2011	<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	1004064137
<b>Layer:</b>	1
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	28
<b>Most Common Material:</b>	SAND
<b>Mat2:</b>	11
<b>Mat2 Desc:</b>	GRAVEL
<b>Mat3:</b>	85
<b>Mat3 Desc:</b>	SOFT
<b>Formation Top Depth:</b>	0
<b>Formation End Depth:</b>	.61
<b>Formation End Depth UOM:</b>	m

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	1004064138
<b>Layer:</b>	2
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	68
<b>Mat2 Desc:</b>	DRY

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Mat3:</i>		73			
<i>Mat3 Desc:</i>		HARD			
<i>Formation Top Depth:</i>		.61			
<i>Formation End Depth:</i>		9.14			
<i>Formation End Depth UOM:</i>		m			
<u><i>Annular Space/Abandonment Sealing Record</i></u>					
<i>Plug ID:</i>		1004064148			
<i>Layer:</i>		3			
<i>Plug From:</i>		1.5			
<i>Plug To:</i>		9.14			
<i>Plug Depth UOM:</i>		m			
<u><i>Annular Space/Abandonment Sealing Record</i></u>					
<i>Plug ID:</i>		1004064146			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		0.31			
<i>Plug Depth UOM:</i>		m			
<u><i>Annular Space/Abandonment Sealing Record</i></u>					
<i>Plug ID:</i>		1004064147			
<i>Layer:</i>		2			
<i>Plug From:</i>		0.31			
<i>Plug To:</i>		1.5			
<i>Plug Depth UOM:</i>		m			
<u><i>Method of Construction &amp; Well Use</i></u>					
<i>Method Construction ID:</i>		1004064145			
<i>Method Construction Code:</i>		5			
<i>Method Construction:</i>		Air Percussion			
<i>Other Method Construction:</i>					
<u><i>Pipe Information</i></u>					
<i>Pipe ID:</i>		1004064136			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u><i>Construction Record - Casing</i></u>					
<i>Casing ID:</i>		1004064141			
<i>Layer:</i>		1			
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>		0			
<i>Depth To:</i>		1.5			
<i>Casing Diameter:</i>		4.03			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Construction Record - Screen</u></b>					
Screen ID:		1004064142			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.5			
Screen End Depth:		9.14			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<b><u>Water Details</u></b>					
Water ID:		1004064140			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<b><u>Hole Diameter</u></b>					
Hole ID:		1004064139			
Diameter:		5.71			
Depth From:		0			
Depth To:		9.14			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<a href="#">44</a>	1 of 1	SSE/222.7	74.7 / 3.21	Highcroft Churchill Developments Inc. 495 Churchill Ave N 496 Highcroft Avenue Ottawa ON K2P 1L5	ECA
Approval No:	2043-AQSJBW			MOE District:	
Approval Date:	2017-09-05			City:	
Status:	Approved			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Address:	495 Churchill Ave N 496 Highcroft Avenue				
Full Address:					
Full PDF Link:	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/3005-AQQPDX-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/3005-AQQPDX-14.pdf</a>				
<a href="#">45</a>	1 of 2	SSW/226.1	73.9 / 2.34	Uniform Urban Developments Ltd. 488 Edison Avenue Ottawa ON K2A 1T9	CA
Certificate #:	5737-5RBJCF				
Application Year:	2003				
Issue Date:	9/16/2003				
Approval Type:	Municipal and Private Sewage Works				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Emission Control:</b>					
<a href="#">45</a>	2 of 2	SSW/226.1	73.9 / 2.34	Uniform Urban Developments Ltd. 488 Edison Avenue Ottawa ON K2G 5X3	ECA
<b>Approval No:</b>	5737-5RBJCF			<b>MOE District:</b>	Ottawa
<b>Approval Date:</b>	2003-09-16			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	-75.75316
<b>Record Type:</b>	ECA			<b>Latitude:</b>	45.388683
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Rideau Valley			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Project Type:</b>	MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Address:</b>	488 Edison Avenue				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/0349-5QVRRG-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/0349-5QVRRG-14.pdf</a>				
<a href="#">46</a>	1 of 1	ESE/228.2	73.9 / 2.38	PRIVATE OWNER 490 EVERED ST. OTTAWA. STORAGE TANK/BARREL OTTAWA CITY ON K1Z 5K8	SPL
<b>Ref No:</b>	42610			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	6/4/1990			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	ABOVE-GROUND TANK LEAK			<b>Sector Type:</b>	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	POSSIBLE			<b>Site Municipality:</b>	20101
<b>Nature of Impact:</b>	Water course or lake			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	LAND / WATER			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>				<b>Easting:</b>	FIRE DEPT & WORKS DEPT.
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	6/4/1990			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	UNKNOWN			<b>Source Type:</b>	
<b>Site Name:</b>					
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	HOME HEATING OIL TANK-QTYUNKNOWN TO SEWER:				
<b>Contaminant Qty:</b>					
<a href="#">47</a>	1 of 1	W/228.8	68.8 / -2.75	388 RICHMOND ROAD OTTAWA ON	WWIS
<b>Well ID:</b>	7303998			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Test Hole			<b>Date Received:</b>	1/19/2018
<b>Sec. Water Use:</b>	Monitoring			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Monitoring and Test Hole			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	7241
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z277536			<b>Owner:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Tag:</b>	A182773			<b>Street Name:</b>	388 RICHMOND ROAD
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>	1006976690	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	440856
<b>Code OB Desc:</b>		<b>North83:</b>	5026632
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	12/15/2017	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1007132205
<b>Layer:</b>	2
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	28
<b>Most Common Material:</b>	SAND
<b>Mat2:</b>	06
<b>Mat2 Desc:</b>	SILT
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	1
<b>Formation End Depth:</b>	3
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1007132204
<b>Layer:</b>	1
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	10
<b>Most Common Material:</b>	COARSE SAND
<b>Mat2:</b>	11
<b>Mat2 Desc:</b>	GRAVEL
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Formation Top Depth:</i>		0			
<i>Formation End Depth:</i>		1			
<i>Formation End Depth UOM:</i>		ft			
 <b><u>Annular Space/Abandonment Sealing Record</u></b>					
<i>Plug ID:</i>		1007132214			
<i>Layer:</i>		2			
<i>Plug From:</i>		1			
<i>Plug To:</i>		2			
<i>Plug Depth UOM:</i>		ft			
 <b><u>Annular Space/Abandonment Sealing Record</u></b>					
<i>Plug ID:</i>		1007132213			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		1			
<i>Plug Depth UOM:</i>		ft			
 <b><u>Annular Space/Abandonment Sealing Record</u></b>					
<i>Plug ID:</i>		1007132215			
<i>Layer:</i>		3			
<i>Plug From:</i>		2			
<i>Plug To:</i>		3			
<i>Plug Depth UOM:</i>		ft			
 <b><u>Method of Construction &amp; Well Use</u></b>					
<i>Method Construction ID:</i>		1007132212			
<i>Method Construction Code:</i>		D			
<i>Method Construction:</i>		Direct Push			
<i>Other Method Construction:</i>					
 <b><u>Pipe Information</u></b>					
<i>Pipe ID:</i>		1007132203			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <b><u>Construction Record - Casing</u></b>					
<i>Casing ID:</i>		1007132208			
<i>Layer:</i>		1			
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>		0			
<i>Depth To:</i>		2			
<i>Casing Diameter:</i>		1.049			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
 <b><u>Construction Record - Screen</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Screen ID:		1007132209			
Layer:		1			
Slot:		10			
Screen Top Depth:		2			
Screen End Depth:		3			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.315			
<u>Water Details</u>					
Water ID:		1007132207			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1007132206			
Diameter:		2.375			
Depth From:		0			
Depth To:		3			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<hr/>					
<a href="#">48</a>	1 of 2	N/230.2	68.9 / -2.63	P. & T. EQUIPMENT 311 RICHMOND ROAD, SUITE 308 OTTAWA ON K1Z 6X3	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	Operator			Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					
<hr/>					
<a href="#">48</a>	2 of 2	N/230.2	68.9 / -2.63	GEVC Interactive Inc. 311 Richmond Rd Suite 204 Ottawa ON K1Z 6X3	SCT
Established:		01-AUG-94			
Plant Size (ft²):					
Employment:					
<u>--Details--</u>					
Description:		Software Publishers			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC/NAICS Code:		511210			
<a href="#">49</a>	1 of 1	W/232.7	67.8 / -3.68	380 Richmond Rd Ottawa ON K2A 0E8	EHS
<b>Order No:</b>	20121221002		<b>Nearest Intersection:</b>		
<b>Status:</b>	C		<b>Municipality:</b>		
<b>Report Type:</b>	Custom Report		<b>Client Prov/State:</b>	ON	
<b>Report Date:</b>	27-DEC-12		<b>Search Radius (km):</b>	.25	
<b>Date Received:</b>	21-DEC-12		<b>X:</b>	-75.755508	
<b>Previous Site Name:</b>			<b>Y:</b>	45.391245	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">50</a>	1 of 1	W/233.0	68.8 / -2.75	388 RICHMOND ROAD OTTAWA ON	WWIS
<b>Well ID:</b>	7303999		<b>Data Entry Status:</b>		
<b>Construction Date:</b>			<b>Data Src:</b>		
<b>Primary Water Use:</b>	Test Hole		<b>Date Received:</b>	1/19/2018	
<b>Sec. Water Use:</b>	Monitoring		<b>Selected Flag:</b>	Yes	
<b>Final Well Status:</b>	Monitoring and Test Hole		<b>Abandonment Rec:</b>	7241	
<b>Water Type:</b>			<b>Contractor:</b>	7241	
<b>Casing Material:</b>			<b>Form Version:</b>	7	
<b>Audit No:</b>	Z277537		<b>Owner:</b>		
<b>Tag:</b>	A189804		<b>Street Name:</b>	388 RICHMOND ROAD	
<b>Construction Method:</b>			<b>County:</b>	OTTAWA	
<b>Elevation (m):</b>			<b>Municipality:</b>	OTTAWA CITY	
<b>Elevation Reliability:</b>			<b>Site Info:</b>		
<b>Depth to Bedrock:</b>			<b>Lot:</b>		
<b>Well Depth:</b>			<b>Concession:</b>		
<b>Overburden/Bedrock:</b>			<b>Concession Name:</b>		
<b>Pump Rate:</b>			<b>Easting NAD83:</b>		
<b>Static Water Level:</b>			<b>Northing NAD83:</b>		
<b>Flowing (Y/N):</b>			<b>Zone:</b>		
<b>Flow Rate:</b>			<b>UTM Reliability:</b>		
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	1006976693		<b>Elevation:</b>		
<b>DP2BR:</b>			<b>Elevrc:</b>		
<b>Spatial Status:</b>			<b>Zone:</b>	18	
<b>Code OB:</b>			<b>East83:</b>	440852	
<b>Code OB Desc:</b>			<b>North83:</b>	5026639	
<b>Open Hole:</b>			<b>Org CS:</b>	UTM83	
<b>Cluster Kind:</b>			<b>UTMRC:</b>	4	
<b>Date Completed:</b>	12/15/2017		<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m	
<b>Remarks:</b>			<b>Location Method:</b>	wwr	
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		1007132218			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		06			
<b>Mat2 Desc:</b>		SILT			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		1			
<b>Formation End Depth:</b>		3.5			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1007132217			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		10			
<b>Most Common Material:</b>		COARSE SAND			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1007132227			
<b>Layer:</b>		2			
<b>Plug From:</b>		1			
<b>Plug To:</b>		2			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1007132228			
<b>Layer:</b>		3			
<b>Plug From:</b>		2			
<b>Plug To:</b>		3.5			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1007132226			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		1			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		1007132225			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1007132216			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1007132221			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		2.5			
<b>Casing Diameter:</b>		1.9			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1007132222			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		2.5			
<b>Screen End Depth:</b>		3.5			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		1.61			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1007132220			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1007132219			
<b>Diameter:</b>		3.25			
<b>Depth From:</b>		0			
<b>Depth To:</b>		3.5			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			

[51](#)

1 of 2

NE/234.5

69.8 / -1.71

424 Athlone St  
Ottawa ON

SPL

**Ref No:** 6566-9UVP49  
**Site No:** NA  
**Incident Dt:** 3/23/2015  
**Year:**  
**Incident Cause:** Leak/Break

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	35			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	METHANE GAS, COMPRESSED (NATURAL GAS)			<b>Site Address:</b>	424 Athlone St
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>	Air			<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>	N			<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	3/23/2015			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Material Failure - Poor Design/Substandard Material			<b>Source Type:</b>	
<b>Site Name:</b>	line strike<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	TSSA: line strike 424 Athlone St, made safe				
<b>Contaminant Qty:</b>	1 other - see incident description				

<a href="#">51</a>	2 of 2	NE/234.5	69.8 / -1.71	GARY PATRICK GEHL 424 ATHLONE AVE,,OTTAWA,ON,K1Z 5M5,CA ON	PINC
<b>Incident ID:</b>				<b>Fuel Category:</b>	Natural Gas
<b>Incident No:</b>	1602350			<b>Health Impact:</b>	
<b>Incident Reported Dt:</b>	3/23/2015			<b>Environment Impact:</b>	
<b>Type:</b>	FS-Pipeline Incident			<b>Property Damage:</b>	Yes
<b>Status Code:</b>				<b>Service Interrupt:</b>	
<b>Customer Acct Name:</b>	GARY PATRICK GEHL			<b>Enforce Policy:</b>	Yes
<b>Incident Address:</b>	424 ATHLONE AVE,,OTTAWA,ON,K1Z 5M5, CA			<b>Public Relation:</b>	
<b>Tank Status:</b>	Pipeline Damage Reason Est			<b>Pipeline System:</b>	
<b>Task No:</b>	5415185			<b>Depth:</b>	
<b>Spills Action Centre:</b>				<b>Pipe Material:</b>	
<b>Fuel Type:</b>				<b>PSIG:</b>	
<b>Fuel Occurrence Tp:</b>				<b>Attribute Category:</b>	FS-Perform P-line Inc Invest
<b>Date of Occurrence:</b>				<b>Regulator Location:</b>	
<b>Occurrence Start Dt:</b>	2015/03/24			<b>Method Details:</b>	E-mail
<b>Operation Type:</b>					
<b>Pipeline Type:</b>					
<b>Regulator Type:</b>					
<b>Summary:</b>	424 ATHLONE AVENUE, OTTAWA - PIPELINE HIT - 1 ¼"				
<b>Reported By:</b>	Tracy Penney - ENBRIDGE				
<b>Affiliation:</b>					
<b>Occurrence Desc:</b>					
<b>Damage Reason:</b>	Excavation practices not sufficient				
<b>Notes:</b>					

<a href="#">52</a>	1 of 1	W/237.1	68.8 / -2.75	388 RICHMOND RD OTTAWA ON	WWIS
<b>Well ID:</b>	7305578			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Test Hole			<b>Date Received:</b>	2/13/2018
<b>Sec. Water Use:</b>	Monitoring			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Observation Wells			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	7241
<b>Casing Material:</b>				<b>Form Version:</b>	7

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Audit No:</b>	Z277515			<b>Owner:</b>	
<b>Tag:</b>	A189839			<b>Street Name:</b>	388 RICHMOND RD
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>	1006985628	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	440848
<b>Code OB Desc:</b>		<b>North83:</b>	5026642
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	3
<b>Date Completed:</b>	1/16/2018	<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>		<b>Location Method:</b>	gis
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1007145579
<b>Layer:</b>	3
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	73
<b>Mat3 Desc:</b>	HARD
<b>Formation Top Depth:</b>	3
<b>Formation End Depth:</b>	5
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1007145577
<b>Layer:</b>	1
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	12
<b>Most Common Material:</b>	STONES
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1007145578			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		06			
<b>Mat2 Desc:</b>		SILT			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		1			
<b>Formation End Depth:</b>		3			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007145589			
<b>Layer:</b>		2			
<b>Plug From:</b>		1			
<b>Plug To:</b>		2			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007145590			
<b>Layer:</b>		3			
<b>Plug From:</b>		2			
<b>Plug To:</b>		5			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007145588			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		1			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1007145587			
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1007145576			
<b>Casing No:</b>		0			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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*Comment:*  
*Alt Name:*

**Construction Record - Casing**

*Casing ID:* 1007145583  
*Layer:* 1  
*Material:* 5  
*Open Hole or Material:* PLASTIC  
*Depth From:* 0  
*Depth To:* 2  
*Casing Diameter:* 1.38  
*Casing Diameter UOM:* inch  
*Casing Depth UOM:* ft

**Construction Record - Screen**

*Screen ID:* 1007145584  
*Layer:* 1  
*Slot:* 10  
*Screen Top Depth:* 2  
*Screen End Depth:* 5  
*Screen Material:* 5  
*Screen Depth UOM:* ft  
*Screen Diameter UOM:* inch  
*Screen Diameter:* 1.66

**Water Details**

*Water ID:* 1007145582  
*Layer:*  
*Kind Code:*  
*Kind:*  
*Water Found Depth:*  
*Water Found Depth UOM:* ft

**Hole Diameter**

*Hole ID:* 1007145581  
*Diameter:* 2.375  
*Depth From:* 4  
*Depth To:* 5  
*Hole Depth UOM:* ft  
*Hole Diameter UOM:* inch

**Hole Diameter**

*Hole ID:* 1007145580  
*Diameter:* 2.875  
*Depth From:* 0  
*Depth To:* 4  
*Hole Depth UOM:* ft  
*Hole Diameter UOM:* inch

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<a href="#">53</a>	1 of 15	NNW/237.6	68.2 / -3.37	TWENTY FIRST CENTURY MOTORS INC 319 RICHMOND RD OTTAWA ON K1Z6X7	PRT
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*Location ID:* 11058  
*Type:* retail  
*Expiry Date:* 1995-11-30

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Capacity (L):		68100			
Licence #:		0076376086			

<a href="#">53</a>	2 of 15	NNW/237.6	68.2 / -3.37	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7	FSTH
License Issue Date:		4/1/2002			
Tank Status:		Licensed			
Tank Status As Of:		August 2007			
Operation Type:		Retail Fuel Outlet			
Facility Type:		Gasoline Station - Full Serve			
<b>--Details--</b>					
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Diesel			

<a href="#">53</a>	3 of 15	NNW/237.6	68.2 / -3.37	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA ON K1Z 6X7	FSTH
License Issue Date:		4/1/2002			
Tank Status:		Licensed			
Tank Status As Of:		December 2008			
Operation Type:		Retail Fuel Outlet			
Facility Type:		Gasoline Station - Full Serve			
<b>--Details--</b>					
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1984			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Diesel			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">53</a>	4 of 15	NNW/237.6	68.2 / -3.37	Avenues Garage Ltd. 319 Richmond Rd Ottawa ON	GEN
<b>Generator No:</b>	ON3859040			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	811111				
<b>SIC Description:</b>	GENERAL AUTOMOTIVE REPAIR				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	221				
<b>Waste Class Desc:</b>	LIGHT FUELS				
<a href="#">53</a>	5 of 15	NNW/237.6	68.2 / -3.37	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	EXP
<b>Instance No:</b>	10905908			<b>Model:</b>	NULL
<b>Status:</b>	EXPIRED			<b>Quantity:</b>	1
<b>Instance ID:</b>				<b>Unit of Measure:</b>	EA
<b>Instance Type:</b>				<b>Fuel Type2:</b>	NULL
<b>Instance Creation Dt:</b>	7/19/2000 8:15:15 PM			<b>Fuel Type3:</b>	NULL
<b>Instance Install Dt:</b>	5/21/2009			<b>Piping Steel:</b>	
<b>Item:</b>				<b>Piping Galvanized:</b>	
<b>Item Description:</b>	FS Liquid Fuel Tank			<b>Tank Single Wall St:</b>	
<b>Facility Type:</b>	FS LIQUID FUEL TANK			<b>Piping Underground:</b>	
<b>Overfill Prot Type:</b>	NULL			<b>Tank Underground:</b>	
<b>Creation Date:</b>	7/5/2009 1:22:04 AM			<b>Panam Related:</b>	NULL
<b>Expired Date:</b>				<b>Panam Venue Nm:</b>	NULL
<b>Manufacturer:</b>	NULL				
<b>Source:</b>	FS Liquid Fuel Tank				
<b>Description:</b>	2009VBS				
<b>Serial No:</b>	NULL				
<b>Ulc Standard:</b>	NULL				
<b>Facility Location:</b>	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA				
<a href="#">53</a>	6 of 15	NNW/237.6	68.2 / -3.37	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	EXP
<b>Instance No:</b>	10905926			<b>Model:</b>	NULL
<b>Status:</b>	EXPIRED			<b>Quantity:</b>	1
<b>Instance ID:</b>				<b>Unit of Measure:</b>	EA
<b>Instance Type:</b>				<b>Fuel Type2:</b>	NULL
<b>Instance Creation Dt:</b>	7/19/2000 8:15:15 PM			<b>Fuel Type3:</b>	NULL
<b>Instance Install Dt:</b>	5/21/2009			<b>Piping Steel:</b>	
<b>Item:</b>				<b>Piping Galvanized:</b>	
<b>Item Description:</b>	FS Liquid Fuel Tank			<b>Tank Single Wall St:</b>	
<b>Facility Type:</b>	FS LIQUID FUEL TANK			<b>Piping Underground:</b>	
<b>Overfill Prot Type:</b>	NULL			<b>Tank Underground:</b>	
<b>Creation Date:</b>	7/5/2009 1:22:06 AM			<b>Panam Related:</b>	NULL
<b>Expired Date:</b>				<b>Panam Venue Nm:</b>	NULL
<b>Manufacturer:</b>	NULL				
<b>Source:</b>	FS Liquid Fuel Tank				
<b>Description:</b>	2009VBS				
<b>Serial No:</b>	NULL				
<b>Ulc Standard:</b>	NULL				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Facility Location:</b>		319 RICHMOND RD OTTAWA K1Z 6X7 ON CA			
<a href="#">53</a>	7 of 15	NNW/237.6	68.2 / -3.37	<b>AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON</b>	<b>EXP</b>
<b>Instance No:</b>	10905941			<b>Model:</b>	NULL
<b>Status:</b>	EXPIRED			<b>Quantity:</b>	1
<b>Instance ID:</b>				<b>Unit of Measure:</b>	EA
<b>Instance Type:</b>				<b>Fuel Type2:</b>	NULL
<b>Instance Creation Dt:</b>	7/19/2000 8:15:15 PM			<b>Fuel Type3:</b>	NULL
<b>Instance Install Dt:</b>	5/21/2009			<b>Piping Steel:</b>	
<b>Item:</b>				<b>Piping Galvanized:</b>	
<b>Item Description:</b>	FS Liquid Fuel Tank			<b>Tank Single Wall St:</b>	
<b>Facility Type:</b>	FS LIQUID FUEL TANK			<b>Piping Underground:</b>	
<b>Overfill Prot Type:</b>	NULL			<b>Tank Underground:</b>	
<b>Creation Date:</b>	7/5/2009 1:22:07 AM			<b>Panam Related:</b>	NULL
<b>Expired Date:</b>				<b>Panam Venue Nm:</b>	NULL
<b>Manufacturer:</b>	NULL				
<b>Source:</b>	FS Liquid Fuel Tank				
<b>Description:</b>	2009VBS				
<b>Serial No:</b>	NULL				
<b>Ulc Standard:</b>	NULL				
<b>Facility Location:</b>	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA				
<a href="#">53</a>	8 of 15	NNW/237.6	68.2 / -3.37	<b>319 Richmond Rd Ottawa ON K1Z6X7</b>	<b>EHS</b>
<b>Order No:</b>	20171218067			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	21-DEC-17			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	18-DEC-17			<b>X:</b>	-75.753618
<b>Previous Site Name:</b>				<b>Y:</b>	45.392568
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				
<a href="#">53</a>	9 of 15	NNW/237.6	68.2 / -3.37	<b>319 Richmond Road Ottawa ON</b>	<b>EHS</b>
<b>Order No:</b>	20170710302			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	17-JUL-17			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	10-JUL-17			<b>X:</b>	-75.75336
<b>Previous Site Name:</b>				<b>Y:</b>	45.392635
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	City Directory				
<a href="#">53</a>	10 of 15	NNW/237.6	68.2 / -3.37	<b>319, 325 and 327 Richmond Road, 380 Winona Ave., and 381 Churchill Ave. Ottawa ON K1Z 6X7</b>	<b>EHS</b>
<b>Order No:</b>	20200514086			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	20-MAY-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	14-MAY-20			<b>X:</b>	-75.7535774
<b>Previous Site Name:</b>				<b>Y:</b>	45.3927205

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Lot/Building Size:  
Additional Info Ordered:

<a href="#">53</a>	11 of 15	NNW/237.6	68.2 / -3.37	319, 325 and 327 Richmond Road, 380 Winona Ave., and 381 Churchill Ave. Ottawa ON K1Z 6X7	EHS
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<b>Order No:</b>	20200514086	<b>Nearest Intersection:</b>	
<b>Status:</b>	C	<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report	<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	20-MAY-20	<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	14-MAY-20	<b>X:</b>	-75.7535774
<b>Previous Site Name:</b>		<b>Y:</b>	45.3927205
<b>Lot/Building Size:</b>			
<b>Additional Info Ordered:</b>			

<a href="#">53</a>	12 of 15	NNW/237.6	68.2 / -3.37	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	FST
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<b>Instance No:</b>	10905908	<b>Manufacturer:</b>	
<b>Status:</b>		<b>Serial No:</b>	
<b>Cont Name:</b>		<b>Ulc Standard:</b>	
<b>Instance Type:</b>		<b>Quantity:</b>	
<b>Item:</b>	FS LIQUID FUEL TANK	<b>Unit of Measure:</b>	
<b>Item Description:</b>	FS Liquid Fuel Tank	<b>Fuel Type:</b>	Gasoline
<b>Tank Type:</b>	Liquid Fuel Single Wall UST	<b>Fuel Type2:</b>	NULL
<b>Install Date:</b>	5/21/2009	<b>Fuel Type3:</b>	NULL
<b>Install Year:</b>	1984	<b>Piping Steel:</b>	
<b>Years in Service:</b>		<b>Piping Galvanized:</b>	
<b>Model:</b>	NULL	<b>Tanks Single Wall St:</b>	
<b>Description:</b>		<b>Piping Underground:</b>	
<b>Capacity:</b>	22700	<b>Num Underground:</b>	
<b>Tank Material:</b>	Steel	<b>Panam Related:</b>	
<b>Corrosion Protect:</b>		<b>Panam Venue:</b>	
<b>Overfill Protect:</b>			
<b>Facility Type:</b>	FS Liquid Fuel Tank		
<b>Parent Facility Type:</b>			
<b>Facility Location:</b>			
<b>Device Installed Location:</b>	319 RICHMOND RD OTTAWA K1Z 6X7 ON CA		

**Fuel Storage Tank Details**

**Owner Account Name:** AVENUES GARAGE LTD

<a href="#">53</a>	13 of 15	NNW/237.6	68.2 / -3.37	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	FST
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<b>Instance No:</b>	10905926	<b>Manufacturer:</b>	
<b>Status:</b>		<b>Serial No:</b>	
<b>Cont Name:</b>		<b>Ulc Standard:</b>	
<b>Instance Type:</b>		<b>Quantity:</b>	
<b>Item:</b>	FS LIQUID FUEL TANK	<b>Unit of Measure:</b>	
<b>Item Description:</b>	FS Liquid Fuel Tank	<b>Fuel Type:</b>	Gasoline
<b>Tank Type:</b>	Liquid Fuel Single Wall UST	<b>Fuel Type2:</b>	NULL
<b>Install Date:</b>	5/21/2009	<b>Fuel Type3:</b>	NULL
<b>Install Year:</b>	1984	<b>Piping Steel:</b>	
<b>Years in Service:</b>		<b>Piping Galvanized:</b>	
<b>Model:</b>	NULL	<b>Tanks Single Wall St:</b>	
<b>Description:</b>		<b>Piping Underground:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Capacity: 22700  
 Tank Material: Steel  
 Corrosion Protect:  
 Overfill Protect:  
 Facility Type: FS Liquid Fuel Tank  
 Parent Facility Type:  
 Facility Location:  
 Device Installed Location: 319 RICHMOND RD OTTAWA K1Z 6X7 ON CA

Num Underground:  
 Panam Related:  
 Panam Venue:

**Fuel Storage Tank Details**

Owner Account Name: AVENUES GARAGE LTD

<a href="#">53</a>	14 of 15	NNW/237.6	68.2 / -3.37	AVENUES GARAGE LTD 319 RICHMOND RD OTTAWA K1Z 6X7 ON CA ON	FST
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Instance No: 10905941  
 Status:  
 Cont Name:  
 Instance Type:  
 Item: FS LIQUID FUEL TANK  
 Item Description: FS Liquid Fuel Tank  
 Tank Type: Liquid Fuel Single Wall UST  
 Install Date: 5/21/2009  
 Install Year: 1984  
 Years in Service:  
 Model: NULL  
 Description:  
 Capacity: 22700  
 Tank Material: Steel  
 Corrosion Protect:  
 Overfill Protect:  
 Facility Type: FS Liquid Fuel Tank  
 Parent Facility Type:  
 Facility Location:  
 Device Installed Location: 319 RICHMOND RD OTTAWA K1Z 6X7 ON CA

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

**Fuel Storage Tank Details**

Owner Account Name: AVENUES GARAGE LTD

<a href="#">53</a>	15 of 15	NNW/237.6	68.2 / -3.37	319, 325 and 327 Richmond Road, 380 Winona Ave., and 381 Churchill Ave. Ottawa ON K1Z 6X7	EHS
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Order No: 20200514086  
 Status: C  
 Report Type: Standard Report  
 Report Date: 20-MAY-20  
 Date Received: 14-MAY-20  
 Previous Site Name:  
 Lot/Building Size:  
 Additional Info Ordered:

Nearest Intersection:  
 Municipality:  
 Client Prov/State: ON  
 Search Radius (km): .25  
 X: -75.7535774  
 Y: 45.3927205

<a href="#">54</a>	1 of 2	NE/238.6	68.9 / -2.68	ZONE 5 LANDSCAPING INC 409 EDGEWOOD AVE., OTTAWA, ON, K1Z 5K6, CA ON	PINC
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Incident ID:  
 Incident No: 1732174

Fuel Category: Natural Gas  
 Health Impact:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Incident Reported Dt:</b> <b>Type:</b> <b>Status Code:</b> <b>Customer Acct Name:</b> <b>Incident Address:</b>	10/6/2015 FS-Pipeline Incident  ZONE 5 LANDSCAPING INC 409 EDGEWOOD AVE., OTTAWA, ON, K1Z 5K6, CA			<b>Environment Impact:</b> <b>Property Damage:</b> Yes <b>Service Interrupt:</b> <b>Enforce Policy:</b> Yes <b>Public Relation:</b>	
<b>Tank Status:</b> <b>Task No:</b> <b>Spills Action Centre:</b> <b>Fuel Type:</b> <b>Fuel Occurrence Tp:</b> <b>Date of Occurrence:</b> <b>Occurrence Start Dt:</b> <b>Operation Type:</b> <b>Pipeline Type:</b> <b>Regulator Type:</b> <b>Summary:</b> <b>Reported By:</b> <b>Affiliation:</b> <b>Occurrence Desc:</b> <b>Damage Reason:</b> <b>Notes:</b>	Pipeline Damage Reason Est 5891737    2015/10/06    409 EDGEWOOD AVENUE, OTTAWA - PIPELINE HIT - 1 ¼" Peter O'Gorman - ENBRIDGE  Excavation practices not sufficient			<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> <b>Method Details:</b> E-mail	

<a href="#">54</a>	2 of 2	NE/238.6	68.9 / -2.68	Enbridge Gas Distribution Inc. 409 Edgewood Avenue Ottawa ON	SPL
<b>Ref No:</b> <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> <b>Dt Document Closed:</b>  <b>Incident Reason:</b> <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> <b>Contaminant Qty:</b>	6661-A32JXW NA 10/6/2015  NATURAL GAS (METHANE) 35 NATURAL GAS (METHANE)  Operator/Human Error Residential Line Strike<UNOFFICIAL>  TSSA FSB: 1 1/4" pl intermediate main dmgd; made safe 0 other - see incident description			<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Unknown / N/A <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> 409 Edgewood Avenue <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> Ottawa <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill  <b>Source Type:</b>	

<a href="#">55</a>	1 of 4	W/242.1	68.0 / -3.56	386 Richmond Rd S21 RESIDENCE<UNOFFICIAL> Ottawa ON K2A 0E8	SPL
<b>Ref No:</b> <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b>	6156-6P2LJU 4/20/2006			<b>Discharger Report:</b> <b>Material Group:</b> Oils <b>Health/Env Conseq:</b> <b>Client Type:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Incident Cause:</b>	Unknown			<b>Sector Type:</b> Other	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	13			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	FURNACE OIL			<b>Site Address:</b> 386 RICHMOND RD	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b> Ottawa	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Possible			<b>Site Municipality:</b> Ottawa	
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	Air			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>				<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	4/20/2006			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	Unknown - Reason not determined			<b>Source Type:</b>	
<b>Site Name:</b>	386 RICHMOND RD				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	TSSA: fuel odour complaint-386 Richmond Rd. Ottawa				
<b>Contaminant Qty:</b>	Not Specified				

[55](#)    2 of 4    W/242.1    68.0 / -3.56    386 Richmond Rd  
Ottawa ON K2A0E8    **EHS**

<b>Order No:</b>	20170525017	<b>Nearest Intersection:</b>	
<b>Status:</b>	C	<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report	<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	30-MAY-17	<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	25-MAY-17	<b>X:</b>	-75.755713
<b>Previous Site Name:</b>		<b>Y:</b>	45.390953
<b>Lot/Building Size:</b>			
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans		

[55](#)    3 of 4    W/242.1    68.0 / -3.56    386 Richmond Rd  
Ottawa ON K2A0E8    **EHS**

<b>Order No:</b>	20171116067	<b>Nearest Intersection:</b>	
<b>Status:</b>	C	<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report	<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	21-NOV-17	<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	16-NOV-17	<b>X:</b>	-75.755712
<b>Previous Site Name:</b>		<b>Y:</b>	45.391011
<b>Lot/Building Size:</b>			
<b>Additional Info Ordered:</b>	Topographic Maps		

[55](#)    4 of 4    W/242.1    68.0 / -3.56    Ottawa Carleton Construction Group Ltd.  
386 Richmond Road  
Ottawa ON K2A 0E8    **GEN**

<b>Generator No:</b>	ON3053460	<b>PO Box No:</b>	
<b>Status:</b>	Registered	<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Oct 2019	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>			
<b>SIC Description:</b>			

Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		221 L			
<b>Waste Class Desc:</b>		Light fuels			
<a href="#">56</a>	1 of 5	W/243.1	68.8 / -2.75	<b>BANK OF NOVA SCOTIA 388 RICHMOND ROAD BRANCH 388 RICHMOND ST, OTTAWA OTTAWA CITY ON K2A 0E8</b>	<b>SPL</b>
<b>Ref No:</b>	85046			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	5/4/1993			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	ABOVE-GROUND TANK LEAK			<b>Sector Type:</b>	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	POSSIBLE			<b>Site Municipality:</b>	20101
<b>Nature of Impact:</b>	Multi Media Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	LAND			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>				<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	5/4/1993			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	OVERSTRESS/OVERPRESSURE			<b>Source Type:</b>	
<b>Site Name:</b>					
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	BANK OF NOVA SCOTIA-2 L FURNACE OIL TO GROUND, CONTAINED.				
<b>Contaminant Qty:</b>					
<a href="#">56</a>	2 of 5	W/243.1	68.8 / -2.75	<b>PRIVATE BUSINESS 388 RICHMOND RD. OTTAWA BANK OF NOVA SCOTIA STORAGE TANK OTTAWA CITY ON K2A 0E8</b>	<b>SPL</b>
<b>Ref No:</b>	222829			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	3/8/2002			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	OTHER CONTAINER LEAK			<b>Sector Type:</b>	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	POSSIBLE			<b>Site Municipality:</b>	20107
<b>Nature of Impact:</b>	Soil contamination			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	LAND			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>				<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	3/8/2002			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	GASKET, JOINT			<b>Source Type:</b>	
<b>Site Name:</b>					
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	BANK OF NOVA SCOTIA:SPILL FUEL OIL TO PARKING LOT CONTAINED /CLEANING.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contaminant Qty:</b>					
<a href="#">56</a>	3 of 5	W/243.1	68.8 / -2.75	PRIVATE BUSINESS BANK OF NOVA SCOTIA, 388 RICHMOND ST STORAGE TANK OTTAWA CITY ON K2A 0E8	SPL
<b>Ref No:</b>	222842			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	3/8/2002			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	ABOVE-GROUND TANK LEAK			<b>Sector Type:</b>	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	POSSIBLE			<b>Site Municipality:</b>	20107
<b>Nature of Impact:</b>	Soil contamination			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	LAND			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>				<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	3/8/2002			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	EQUIPMENT FAILURE			<b>Source Type:</b>	
<b>Site Name:</b>					
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	BANK OF NOVA SCOTIA: 50L FURNACE OIL TO GROUND, NO WATER, CLEANED UP				
<b>Contaminant Qty:</b>					
<a href="#">56</a>	4 of 5	W/243.1	68.8 / -2.75	388 Richmond Rd. Ottawa ON K2A 0E8	SPL
<b>Ref No:</b>	3388-6HZHC2			<b>Discharger Report:</b>	0
<b>Site No:</b>				<b>Material Group:</b>	Oil
<b>Incident Dt:</b>	11/8/2005			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Tank (Above Ground) Leak			<b>Sector Type:</b>	Other
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	FUEL OIL			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Ottawa
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Not Anticipated			<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>	Land			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>				<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	11/8/2005			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Error- Operator error			<b>Source Type:</b>	
<b>Site Name:</b>	Bank of Nova Scotia<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Furnace oil spill, qty unkn, Ottawa				
<b>Contaminant Qty:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">56</a>	5 of 5	W/243.1	68.8 / -2.75	388 Richmond Rd Ottawa ON K2A0E8	EHS
<b>Order No:</b>	20171107015			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	10-NOV-17			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	07-NOV-17			<b>X:</b>	-75.755826
<b>Previous Site Name:</b>				<b>Y:</b>	45.3909
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				
<a href="#">57</a>	1 of 1	WNW/243.3	67.8 / -3.68	388 RICHMOND RD OTTAWA ON	WWIS
<b>Well ID:</b>	7305577			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Test Hole			<b>Date Received:</b>	2/13/2018
<b>Sec. Water Use:</b>	Monitoring			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Observation Wells			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	7241
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z277516			<b>Owner:</b>	
<b>Tag:</b>	A190061			<b>Street Name:</b>	388 RICHMOND RD
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	1006985625			<b>Elevation:</b>	
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>				<b>East83:</b>	440864
<b>Code OB Desc:</b>				<b>North83:</b>	5026730
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>	1/16/2018			<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>				<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	1007145562				
<b>Layer:</b>	1				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		06			
<b>Mat2 Desc:</b>		SILT			
<b>Mat3:</b>		77			
<b>Mat3 Desc:</b>		LOOSE			
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		3.5			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1007145563			
<b>Layer:</b>		2			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>		73			
<b>Mat3 Desc:</b>		HARD			
<b>Formation Top Depth:</b>		3.5			
<b>Formation End Depth:</b>		5.5			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1007145564			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>		73			
<b>Mat3 Desc:</b>		HARD			
<b>Formation Top Depth:</b>		5.5			
<b>Formation End Depth:</b>		11			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1007145575			
<b>Layer:</b>		3			
<b>Plug From:</b>		5.5			
<b>Plug To:</b>		11			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1007145574			
<b>Layer:</b>		2			
<b>Plug From:</b>		1			
<b>Plug To:</b>		5.5			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007145573			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		1			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1007145572			
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1007145561			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1007145568			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		6			
<b>Casing Diameter:</b>		1.38			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1007145569			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		6			
<b>Screen End Depth:</b>		11			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		1.66			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1007145567			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Hole ID:</b> 1007145566 <b>Diameter:</b> 2.375 <b>Depth From:</b> 4 <b>Depth To:</b> 11 <b>Hole Depth UOM:</b> ft <b>Hole Diameter UOM:</b> inch					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b> 1007145565 <b>Diameter:</b> 2.875 <b>Depth From:</b> 0 <b>Depth To:</b> 4 <b>Hole Depth UOM:</b> ft <b>Hole Diameter UOM:</b> inch					
<a href="#">58</a>	1 of 1	NE/245.1	69.9 / -1.64	BEAVER CONSTRUCTION GROUP INC 422 ATHLONE AVE,,OTTAWA,ON,K1Z 5M5,CA ON	PINC
<b>Incident ID:</b> <b>Incident No:</b> 1609794 <b>Incident Reported Dt:</b> 4/2/2015 <b>Type:</b> FS-Pipeline Incident <b>Status Code:</b> <b>Customer Acct Name:</b> BEAVER CONSTRUCTION GROUP INC <b>Incident Address:</b> 422 ATHLONE AVE,,OTTAWA,ON,K1Z 5M5, CA <b>Tank Status:</b> Pipeline Damage Reason Est <b>Task No:</b> 5430081 <b>Spills Action Centre:</b> <b>Fuel Type:</b> <b>Fuel Occurrence Tp:</b> <b>Date of Occurrence:</b> <b>Occurrence Start Dt:</b> 2105/04/02 <b>Operation Type:</b> <b>Pipeline Type:</b> <b>Regulator Type:</b> <b>Summary:</b> 422 ATHLONE AVE, OTTAWA - PIPELINE HIT 1 1/4" <b>Reported By:</b> Jeff Stiles - Enbridge Gas <b>Affiliation:</b> <b>Occurrence Desc:</b> <b>Damage Reason:</b> Excavation practices not sufficient <b>Notes:</b>					
<b>Fuel Category:</b> Natural Gas <b>Health Impact:</b> <b>Environment Impact:</b> <b>Property Damage:</b> Yes <b>Service Interupt:</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> <b>Method Details:</b> E-mail					
<a href="#">59</a>	1 of 1	NNE/245.5	68.2 / -3.32	288 Richmond Road Ottawa ON K1Z 6X5	EHS
<b>Order No:</b> 20190509037 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 14-MAY-19 <b>Date Received:</b> 09-MAY-19 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.75172 <b>Y:</b> 45.392798					
<a href="#">60</a>	1 of 1	ENE/248.0	70.2 / -1.38	OTTAWA CITY - PT.LOT 31, CONC. 1 ATHLONE AVE./BYRON AVE.	CA

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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OTTAWA CITY ON

**Certificate #:** 3-1116-92-  
**Application Year:** 92  
**Issue Date:** 9/1/1992  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**



# Unplottable Summary

Total: **16** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Bourke Family Development Inc.	Byron Ave Registered Plan No. 204	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA		Richmond Road	Ottawa ON	
CA	CITY	BYRON AVE.	OTTAWA ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	COMPUTING DEVICES COMPANY	RICHMOND RD.	NEPEAN CITY ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
CA	TEM DEVELOPMENTS LTD.	KENWOOD AVENUE	OTTAWA CITY ON	
CA	OTTAWA CITY	CHURCHILL AVE.	OTTAWA CITY ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	OTTAWA CITY	BYRON AVENUE	OTTAWA CITY ON	
CA	COMPUTING DEVICES COMPANY	RICHMOND RD.	NEPEAN CITY ON	
GEN	Ottawa Greenbelt Construction Company Limited	Churchill Ave Reconstruction - Carling to Byron	Ottawa ON	
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON	

# Unplottable Report

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**Site:** Bourke Family Development Inc.  
Byron Ave Reginstered Plan No. 204 Ottawa ON

**Database:**  
CA

**Certificate #:** 3911-7BKMY9  
**Application Year:** 2008  
**Issue Date:** 2/7/2008  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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

**Database:**  
CA

**Certificate #:** 1424-6CXJGA  
**Application Year:** 2005  
**Issue Date:** 6/3/2005  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** Richmond Road Ottawa ON

**Database:**  
CA

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

---

**Site:** CITY  
BYRON AVE. OTTAWA ON

**Database:**  
CA

**Certificate #:** 3-0302-85-006  
**Application Year:** 85

**Issue Date:** 4/22/85  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

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

**Database:**  
CA

**Certificate #:** 6859-5X8K46  
**Application Year:** 2004  
**Issue Date:** 3/23/2004  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

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

**Database:**  
CA

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

---

**Site:** COMPUTING DEVICES COMPANY  
RICHMOND RD. NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 7-1397-87-  
**Application Year:** 87  
**Issue Date:** 9/17/1987  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

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

**Database:**  
CA

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

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**Site:** TEM DEVELOPMENTS LTD.  
KENWOOD AVENUE OTTAWA CITY ON

**Database:**  
CA

**Certificate #:** 7-1195-88-  
**Application Year:** 88  
**Issue Date:** 9/16/1988  
**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:** OTTAWA CITY  
CHURCHILL AVE. OTTAWA CITY ON

**Database:**  
CA

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

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

**Database:**  
CA

**Certificate #:** 3-1088-90-  
**Application Year:** 90  
**Issue Date:** 6/26/1990  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**

**Contaminants:**  
**Emission Control:**

---

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

**Database:**  
*CA*

**Certificate #:** 7893-5NLQJH  
**Application Year:** 2003  
**Issue Date:** 6/18/2003  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *OTTAWA CITY  
BYRON AVENUE OTTAWA CITY ON*

**Database:**  
*CA*

**Certificate #:** 3-1320-88-  
**Application Year:** 88  
**Issue Date:** 8/5/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *COMPUTING DEVICES COMPANY  
RICHMOND RD. NEPEAN CITY ON*

**Database:**  
*CA*

**Certificate #:** 3-1688-87-  
**Application Year:** 87  
**Issue Date:** 9/17/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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

**Database:**  
*GEN*

**Generator No:** ON4886021  
**Status:**  
**Approval Years:** 2013  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 237110  
**PO Box No:**  
**Country:**  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**SIC Description:**

WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION

**Detail(s)**

**Waste Class:** 251  
**Waste Class Desc:** OIL SKIMMINGS & SLUDGES

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

**Database:**  
**SPL**

<b>Ref No:</b>	14431	<b>Discharger Report:</b>	
<b>Site No:</b>		<b>Material Group:</b>	
<b>Incident Dt:</b>	2/2/1989	<b>Health/Env Conseq:</b>	
<b>Year:</b>		<b>Client Type:</b>	
<b>Incident Cause:</b>	OTHER CAUSE (N.O.S.)	<b>Sector Type:</b>	
<b>Incident Event:</b>		<b>Agency Involved:</b>	
<b>Contaminant Code:</b>		<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>		<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>	
<b>Environment Impact:</b>	NOT ANTICIPATED	<b>Site Municipality:</b>	20101
<b>Nature of Impact:</b>		<b>Site Lot:</b>	
<b>Receiving Medium:</b>	LAND	<b>Site Conc:</b>	
<b>Receiving Env:</b>		<b>Northing:</b>	
<b>MOE Response:</b>		<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2/2/1989	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	ERROR	<b>Source Type:</b>	
<b>Site Name:</b>			
<b>Site County/District:</b>			
<b>Site Geo Ref Meth:</b>			
<b>Incident Summary:</b>			
<b>Contaminant Qty:</b>			

## Appendix: Database Descriptions

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

### **Abandoned Aggregate Inventory:**

Provincial

[AAGR](#)

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

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

### **Aggregate Inventory:**

Provincial

[AGR](#)

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

**Government Publication Date: Up to Sep 2020**

### **Abandoned Mine Information System:**

Provincial

[AMIS](#)

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

**Government Publication Date: 1800-Oct 2018**

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

Private

[ANDR](#)

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

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

### **Aboveground Storage Tanks:**

Provincial

[AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

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

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

Private

[AUWR](#)

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

**Government Publication Date: 1999-Dec 31, 2020**

### **Borehole:**

Provincial

[BORE](#)

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

**Government Publication Date: 1875-Jul 2018**

**Certificates of Approval:**

Provincial CA

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

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

**Dry Cleaning Facilities:**

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

**Government Publication Date: Jan 2004-Dec 2018**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**Chemical Manufacturers and Distributors:**

Private CHEM

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

**Government Publication Date: 1999-Jan 31, 2020**

**Chemical Register:**

Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

**Government Publication Date: 1999-Dec 31, 2020**

**Compressed Natural Gas Stations:**

Private CNG

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

**Government Publication Date: Dec 2012 -Dec 2020**

**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-Nov 2020**

**Certificates of Property Use:**

Provincial CPU

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

**Government Publication Date: 1994-Jan 31, 2020**



**Drill Hole Database:**

Provincial [DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date: 1886 - Sep 2020**

**Delisted Fuel Tanks:**

Provincial [DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

**Government Publication Date: Jul 31, 2020**

**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-Dec 31, 2020**

**Environmental Registry:**

Provincial [EBR](#)

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

**Government Publication Date: 1994-Jan 31, 2020**

**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- Dec 31, 2020**

**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-Oct 31, 2020**

**Environmental Issues Inventory System:**

Federal [EIIS](#)

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

**Government Publication Date: 1992-2001\***

**Emergency Management Historical Event:**

Provincial **EMHE**

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

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

**Environmental Penalty Annual Report:**

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

**Government Publication Date: Jan 1, 2011 - Dec 31, 2019**

**List of Expired Fuels Safety Facilities:**

Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**Federal Convictions:**

Federal **FCON**

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

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

**Contaminated Sites on Federal Land:**

Federal **FCS**

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

**Government Publication Date: Jun 2000-Sep 2020**

**Fisheries & Oceans Fuel Tanks:**

Federal **FOFT**

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

**Government Publication Date: 1964-Sep 2019**

**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal **FRST**

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

**Government Publication Date: May 31, 2018**

**Fuel Storage Tank:**

Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**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-Jul 31, 2020**

**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 2018**

**TSSA Historic Incidents:**

Provincial

[HINC](#)

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

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

**Indian & Northern Affairs Fuel Tanks:**

Federal

[IAFT](#)

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

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

**Fuel Oil Spills and Leaks:**

Provincial

[INC](#)

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**Landfill Inventory Management Ontario:**

Provincial

[LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Feb 28, 2019**

**Canadian Mine Locations:**

Private

[MINE](#)

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

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

**Mineral Occurrences:**

Provincial

[MNR](#)

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

**Government Publication Date: 1846-Jan 2020**

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

Federal

[NATE](#)

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

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

**Non-Compliance Reports:**

Provincial

[NCPL](#)

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

**Government Publication Date: Dec 31, 2018**

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

Federal

[NDFT](#)

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

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

**National Defense & Canadian Forces Spills:**

Federal

[NDSP](#)

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

**Government Publication Date: Mar 1999-Apr 2018**

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

Federal

[NDWD](#)

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

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

**National Energy Board Pipeline Incidents:**

Federal

[NEBI](#)

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

**Government Publication Date: 2008-Dec 31, 2020**

**National Energy Board Wells:**

Federal

[NEBP](#)

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

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

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

Federal

[NEES](#)

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

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

**National PCB Inventory:**

Federal

[NPCB](#)

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

**Government Publication Date: 1988-2008\***

**National Pollutant Release Inventory:**

Federal

[NPRI](#)

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

**Government Publication Date: 1993-May 2017**

**Oil and Gas Wells:**

Private

[OGWE](#)

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

**Government Publication Date: 1988-Aug 31, 2020**

**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-Jun 2020**

**Inventory of PCB Storage Sites:**

Provincial

[OPCB](#)

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

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

**Orders:**

Provincial

[ORD](#)

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

**Government Publication Date: 1994-Jan 31, 2020**

**Canadian Pulp and Paper:**

Private

[PAP](#)

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

**Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**

**Parks Canada Fuel Storage Tanks:**

Federal

[PCFT](#)

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

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

**Pesticide Register:**

Provincial PES

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

**Government Publication Date: Oct 2011-Dec 31, 2020**

**Pipeline Incidents:**

Provincial PINC

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

**Government Publication Date: Oct 31, 2020**

**Private and Retail Fuel Storage Tanks:**

Provincial PRT

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

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

**Permit to Take Water:**

Provincial PTTW

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

**Government Publication Date: 1994-Jan 31, 2020**

**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: 1986-2016**

**Record of Site Condition:**

Provincial RSC

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

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

**Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2021**

**Retail Fuel Storage Tanks:**

Private RST

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

**Government Publication Date: 1999-Dec 31, 2020**

**Scott's Manufacturing Directory:**

Private SCT

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

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

**Ontario Spills:**

Provincial SPL

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

**Government Publication Date: 1988-Mar 2020; Jul 2020 - Aug 2020**

**Wastewater Discharger Registration Database:**

Provincial [SRDS](#)

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

**Government Publication Date: 1990-Dec 31, 2017**

**Anderson's Storage Tanks:**

Private [TANK](#)

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1915-1953\***

**Transport Canada Fuel Storage Tanks:**

Federal [TCFT](#)

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

**Government Publication Date: 1970 - Dec 2020**

**Variations for Abandonment of Underground Storage Tanks:**

Provincial [VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial [WDS](#)

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

**Government Publication Date: Oct 2011-Dec 31, 2020**

**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 30th, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial [WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

**Government Publication Date: Apr 30, 2020**

# Definitions

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

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

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

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

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

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

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

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

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

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

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

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



# **APPENDIX 3**

## **QUALIFICATIONS OF ASSESSORS**

## Jeremy N Camposarcone, EIT Junior Environmental Engineer

Jeremy joined Paterson Group in 2020 as part of the Environmental Group. Jeremy received his Bachelor of Engineering in Environmental Engineering from Carleton University in 2019. Jeremy completed his studies while researching water treatment processes for the wastewater effluent of a hydrothermal carbonization reactor. His responsibilities as a field engineer have brought him to various projects throughout the Ottawa-Valley. In his time with Paterson, Jeremy has been involved with residential and commercial development within Ottawa and the surrounding area. His scope of work consists of environmental investigation and reporting, field inspection, field testing, quality control and quality assurance.

### EDUCATION

Bachelor of Engineering in  
Environmental Engineering, 2019  
Carleton University  
Ottawa, Ontario

### LICENCE/ PROFESSIONAL AFFILIATIONS

PEO Engineer in Training

### YEARS OF EXPERIENCE

With Paterson: 1.5

### OFFICE LOCATION

154 Colonnade Road South,  
Nepean, Ontario, K2E 7J5

### SELECT LIST OF PROJECTS

- PSCC, Confederation Heights, Ottawa, ON - Phase I and II ESA program for site redevelopment.
- Travelodge Hotel, Carling Avenue, Ottawa, ON – Remediation Program, Phase I and II ESA, Underground Storage Tank Pull and Remediation
- Caivan Residential Development, Navan, ON - Large-Scale Remediation, Groundwater Monitoring, Phase I and II ESA, Remedial Action Plan
- Rideau Centre Expansion, Ottawa, ON – Phase I and II ESA, Soil Remediation Program
- Major Building, Downtown Ottawa, ON – Phase I and II ESA
- Ottawa Trainyards, Ottawa, ON - Large-Scale Remediation, Phase I and II ESA
- Ahlul-Bayt Islamic School, Ottawa, ON - Groundwater Monitoring Program
- Claridge Downtown Core Luxury Condos, Ottawa, ON - Groundwater Monitoring
- Taggart Residential Development, Kingston, ON - Groundwater Monitoring
- PCL Constructors, Gatineau, QC – Groundwater Monitoring
- Town of Prescott, Prescott, ON - Site Survey, Groundwater Monitoring

**PROFESSIONAL EXPERIENCE**

2019 to present, **Junior Environmental Engineer, Paterson Group, Ottawa, Ontario**

- Conduct Phase I and Phase II - Environmental Site Assessments (ESAs), Soil and Groundwater Remediation Programs and the preparation of Records of Site Condition
- Manage excavation contractors to ensure soil quality control; daily reporting to project manager
- Present analytical test results, interpretations, assessments, recommendation and/or conclusions in a final technical report
- Oversee geotechnical investigations for test pitting on numerous proposed utility installations, residential and commercial developments.
- Conduct laboratory testing program of soils and water for detail recommendations
- Problem solving to complete analysis required
- Adapt to unforeseen on-site challenges and provide first-hand insights to help collaborate toward a solution
- Oversee large-scale remediation projects and monitor material being excavated
- Monitor and sample multiple groundwater wells with a high degree of precision regarding the quality and parameters of the sample
- On-site settlement plate surveying of future residential developments

## Karyn Munch, P.Eng. QP<sub>ESA</sub> Senior Environmental Engineer

Karyn received her Bachelor's of Applied Science from Carleton University in 2002 in Environmental Engineering. Upon graduation Karyn began working as a consultant for Dessau Soprin Inc. After one year of working for Dessau, Karyn joined the Paterson Group in the Environmental Division. Karyn has worked for Paterson for over 16 years and has accrued extensive field and office experience. Karyn's experience working in the field ranges from Phase I site reviews, Phase II investigations, Remediation site inspections and designated substance surveys. Through her eight years of field experience, Karyn has obtained invaluable knowledge on contractor relationships, budgets, time management, consultant/owner relation, quality data and information, and working with a variety of different personnel and situations. Since 2012, Karyn has moved into a more senior role by becoming a qualified person for environmental assessments, overseeing small to large scale environmental projects, which include, Phase I and II reports, Record of Site Conditions and Brownfield Applications. Karyn has assisted with Mark D'Arcy in the development of young staff and continuous improvement of Paterson internal systems.

### EDUCATION

B.Eng. 2002, Environmental Engineering, Carleton University, Ontario, ON

### LICENCE/ PROFESSIONAL AFFILIATIONS

Professional Engineers of Ontario

Ontario Society of Professional Engineers

Ottawa Geotechnical Group

### YEARS OF EXPERIENCE

With Paterson: 18

With other Firms: 2

### OFFICE LOCATION

154 Colonnade Road South,  
Nepean, Ontario, K2E 7J5

### SELECT LIST OF PROJECTS

- 409 MacKay, Ottawa, ON Phase I ESA, Phase II ESA, Phase III ESA, and Remediation Program (Project Manager)
- Redevelopment of 222 Beechwood Avenue, Ottawa, ON Phase I ESA, Phase II ESA, Phase III (Project Manager)
- 1000 Wellington Street West, Ottawa ON, Phase I ESA, Phase II ESA, Phase III ESA, Environmental Soil Remediation and filing of a Record of Site Condition (RSC) in the MOECC Environmental Site Registry (Project Manager)
- 26 Stanley Avenue, Ottawa ON, Phase I ESA, Phase II ESA (Project Manager)
- Riverview Development – Kingston, ON, Phase I ESA, Phase II ESA, and filing of an RSC in the MOECC Environmental Site Registry (Project Manager)
- Mixed-Use Redevelopment - Richmond Road, Phase I ESA, Phase II ESA, Soil Remediation Program (Project Manager)
- Ottawa University Desmarais Building, Ottawa, ON, Soil Remediation and Redevelopment (Project Manager)
- Rideau Centre Expansion, Ottawa, ON, Soil Remediation Program (Project Manager)
- Brownfields Applications – Residential and Commercial Redevelopment - Ottawa, Ontario
- Lees Avenue Remediation and Reconstruction, Ottawa, ON
- Phase I and Phase II Investigations in accordance with CSA standards and O.Reg 153/04

## PROFESSIONAL EXPERIENCE

June 2011 to present, **Senior Environmental Engineer, Paterson Group Inc.**, Ottawa, Ontario

- Provide on-site environmental expertise for various soil and groundwater remediation projects including but not limited to the following: 222 Beechwood Remediation, 1000 Wellington Street West Remediation, 409 MacKay Street and Rideau Centre Expansion.
- Oversee Phase I and Phase II Investigations in accordance with CSA standards and O.Reg 153/04 on a variety of residential and commercial developments.
- Responsible for filing Records of Site Condition with the MOECC Environmental Site Registry.
- Preparation of submissions to the City of Ottawa's Brownfields Redevelopment Program.
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations for environmental concerns.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for environment field programs and construction costs.
- Review RFI's, submittals, monthly progress reports and other various construction related work.

June 2009 to June 2010, **Environmental Officer, Department of Indian and Northern Affairs (INAC)**, Ottawa, Ontario

- Provided guidance and support regarding various aspects of the Contaminated Sites Management Plan (CSMP) and the Canadian Accelerated Action Plan (CEAP), to regional INAC offices.
- Reported to Federal Contaminated Sites Action Plan (FCSAP) Secretariat on monthly and quarterly CSMP progress.
- Completion of various reporting requirements including Privy Council Office (PCO) requests regarding accelerated remediation projects, Annual Reference Level Updating, Internal Quarterly Reports and First Nation Land Management (FNLM) Class 3 Remediation Projects
- Composition and revision of Three-Year CSMP and the Contaminated Sites Program Renewal.
- Management of various databases including ESSIMS (internal to INAC), IDEA (Environment Canada) and CIDM (electronic filing system) and Federal Contaminated Sites Inventory (FCSI).
- Interacted on a regular basis with other federal departments, other INAC sectors, regional INAC offices and senior management.
- Participated in Aquatic Sites Working Group (ASWG), Contaminated Sites Management Working Group (CSMWG) and Environmental Learning Regime workshops/workgroups.

January 2003 to June 2009, **Environmental Engineer, Paterson Group**, Ottawa, Ontario

- Experience in coordination and management of a variety of environmental projects. Typical projects include Phase I-Environmental Site Assessments (ESAs), Phase II and III-Environmental Site Characterizations, Soil and Groundwater Remediation Programs, Designated Substance Surveys and the preparation of Records of Site Condition.
- Coordination of contractors and field staff while directly reporting to senior management and client throughout the project to ensure completion on schedule and within budget.
- Experience in collaborating with provincial and municipal bodies as well as sub-consultants, contractors and clients.
- Extensive field experience including the management of drilling and excavation contractors, inspection of aboveground and underground fuel storage tanks, soil classification, soil and groundwater sampling, collection of hazardous building materials and designated substances.
- Responsible for the application of environmental, hydrogeological and geotechnical principles and practices in the identification and delineation of soil and groundwater contamination plumes and ensuring compliance with federal, provincial and/or municipal legal and regulatory requirements.
- Present analytical test results, interpretations, assessments, recommendations and/or conclusions in a final technical report.

August 2002 – December 2002, **Junior Engineer, Dessau Soprin Inc.**, Ottawa, Ontario

### **Lebreton Flats Remediation and Infrastructure Project**

- Responsible for supervision of weight-scale and record keeping for soil management practices.
- Managed excavation contractors to ensure soil quality control; daily reporting to project manager.