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## Phase I Environmental Site Assessment

436 Athlone Avenue  
Ottawa, Ontario

Prepared For

2707120 Ontario Inc.

### Paterson Group Inc.

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Report: PE5428-1

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## **EXECUTIVE SUMMARY**

### **Assessment**

Paterson Group was retained by 2707120 Ontario Inc. to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for the property addressed 436 Athlone Avenue, 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.

Based on a review of available historical information, the subject site was first developed sometime prior to 1940s with a residential dwelling (436 Athlone Avenue) and a small shed/garage in the southwest corner of the property. No environmental concerns were identified with respect to the historical use of the subject site.

The neighbouring lands in the vicinity of the subject site have historically been developed predominantly for residential purposes, with the occasional institutional and commercial land use. No environmental concerns were identified with respect to the historical use of the neighbouring properties.

Presently, the subject site is currently occupied with a vacant residential dwelling (436 Athlone Avenue). No environmental concerns were identified with respect to the current use of the subject site.

The neighbouring lands within the vicinity of the subject site consist mainly of residential properties, with the occasional institutional and commercial land use. No environmental concerns were identified with respect to the neighbouring properties.

Based on the findings of the Phase I – Environmental Site Assessment, it is our opinion that a **Phase II – Environmental Site Assessment is not required for the subject site.**

## **Recommendations**

Based on the age of the subject building, asbestos containing building materials (ACMs) may be potentially present within the structures. Potential ACMs observed on-site include the drywall joint compound, plaster, and stipple plaster ceilings. These ACMs were observed to be in good condition at the time of the site inspection and do not represent an immediate concern. A designated substance survey (DSS) of the subject building should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to any demolition activities, if one has not already been conducted.

Based on the age of the subject building, lead-based paints may be present on any original or older painted surfaces. The painted surfaces within the subject building were generally observed to be in good condition and do not pose an immediate concern. Major work involving lead-based paint or other lead containing products must be done in accordance with O.Reg. 843, under the Occupational Health and Safety Act.

## **1.0 INTRODUCTION**

At the request of 2707120 Ontario Inc., Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (Phase I ESA) of 436 Athlone Avenue, 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.

Paterson was engaged to conduct this Phase I ESA by Mr. Matt Blasioli of Honey Construction. Honey Construction's offices are located at 38 Antares Drive, Unit 500, Ottawa, Ontario. Mr. Blasioli can be reached by telephone at (343) 999-7721.

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

This Phase I-ESA report has been prepared in general accordance with the requirements of Ontario Regulation 153/04 as amended by O.Reg. 269/11 (Environmental Protection Act), 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:	436 Athlone Avenue, Ottawa, Ontario.
Legal Description:	Part of Lot 31, Concession 1, Rideau Front, Geographic Township of Nepean (now City of Ottawa), Ontario.
Location:	The subject site is located on the west side of Athlone Avenue, between Byron Avenue and Wesley Avenue, Ottawa. For the purpose of this report, Athlone Avenue runs in a north-south alignment. Refer to Figure 1 – Key Plan in the Appendix for the site location.
Latitude and Longitude:	45° 23' 29" N, 75° 45' 00" W
<b>Site Description:</b>	
Configuration:	Rectangular
Site Area:	0.05 ha (approximately)
Zoning:	R4UC – Residential Fourth Density Zone
Current Use:	The subject site is currently occupied with a two-storey residential dwelling and the foundation of a small shed structure on the south side of the site.
Services:	The subject site is situated in an area that is municipally serviced.

### **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 subject site and 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 subject site and study area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the subject 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**

Based on a review of historical information, the subject site was first developed with a residential dwelling (436 Athlone Avenue) sometime prior 1940.

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

As part of this assessment, the City of Ottawa street directories for the general area of the subject site were reviewed from 1930 to 2011 at approximate 10-year intervals.

During that time, the subject site was listed as residential. The neighbouring properties to the north, east and west have been historically used for residential purposes. Further to the north, a retail fuel outlet was identified at 256 Richmond Road, however it poses no risk based on separation distance to the subject site and its down-gradient orientation. Several former automotive service garages were identified along Richmond Road, at 255 Richmond Road, 298 Richmond Road, and 320 ½ Richmond Road, however these pose no environmental concern to the subject site due to their separation distance and down-gradient orientation. To the south of the subject site, the neighbouring properties have historically been used for residential and institutional purposes. No significant environmental concerns were identified during the review.

#### **Fire Insurance Plans**

Fire insurance plans (FIPs) dated from 1956 were reviewed for the general area of the subject site and the surrounding lands as part of this assessment.

In the 1956 FIPs, the subject site is occupied with a two (2) storey residential dwelling (436 Athlone Avenue). To the north of the subject site, a former Ottawa Electric Rail Line was present across Byron Avenue. Automotive service garages



were present further to the north, along Richmond Road (236, 255, 298 and 320 ½ Richmond Road).

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 reviews, no potentially contaminating activities (PCAs) were identified on the Phase I Property. Several potentially contaminating activities were identified further to the north of the subject site; however, they pose no environmental concern to the subject site due to their down-gradient orientation. No significant environmental concerns were identified during the review.

## **4.2 Environmental Source Information**

### **National Pollutant Release Inventory**

A search of the National Pollutant Release Inventory (NPRI) was conducted as part of this assessment. The subject site was 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 Waste Storage Site Inventory**

A search of national PCB waste storage site inventory was conducted as part of this assessment. No former PCB waste storage sites were identified on the subject site or within the Phase I study area.

### **MECP Coal Gasification Plant Inventory**

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed as part of this assessment. This document provides a reference to the locations of former plants with respect to the subject site. A review of this document did not identify any former coal gasification plants located on the subject site or within the Phase I study area.

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

The Ontario Ministry of Environment, Conservation and Parks document entitled "*Waste Disposal Site Inventory in Ontario, 1991*" was reviewed as part of this assessment. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants, and coal tar distillation plants situated in the Province of Ontario. A review of this document did not identify any relevant records pertaining to the subject site or for properties located 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 for the subject site or adjacent properties. At the time of issuing this report, a response from the MECP had not been received.

### **MECP Submissions**

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions. The MECP search results did not find any records related to the subject site. At the time of issuing this report, a response from the MECP had not been received.

### **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. At the time of issuing this report, a response from the MECP had not been received.

### **MECP Waste Management Records**

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records. At the time of issuance of this report, the MECP search results had not been received. At the time of issuing this report, a response from the MECP had not been received.

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

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment for the site, neighbouring properties and the general area of the site. No Records of Site Condition (RSCs) were identified in the database as having been filed for the subject site.

Two RSCs were identified for properties situated within the Phase I study area:

- ❑ 236 Richmond Road (RSC #223185) – Located approximately 200 m to the northeast of the Phase I property. Based on the RSC, filed in April of 2017 by Paterson Group Inc., approximately 1,287 m<sup>3</sup> of contaminated soil was removed from the property as the site was redeveloped. No contaminated

groundwater was identified on the property. Based on the separation distance, as well as the down-gradient orientation of the property with respect to the Phase I property, this property is not considered to pose a potential environmental concern.

- ❑ 190 Richmond Road (RSC #224523) – Located approximately 220 m to the northeast of the Phase I property. Based on the RSC, filed in May 2018 by Toronto Inspection Ltd., there was no contamination identified within the soil and groundwater on the property. As a result, there was no need for further remedial work to be completed on this property.

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

The TSSA Fuels Safety Branch in Toronto was contacted electronically, as part of this assessment, to inquire about current and former underground fuel storage tanks, spills, and historical incidents for the subject site and neighbouring properties. The response from the TSSA indicated that no records were identified pertaining to the subject site.

### **OMNRF Areas of Natural and Scientific Interest (ANSI)**

A search for areas of natural and scientific interest (ANSI) situated within the Phase I study area was conducted electronically through the Ontario Ministry of Natural Resources and Forestry (OMNRF) website. No ANSI sites were identified on the subject site or within the Phase I study area.

### **City of Ottawa Landfill Sites**

The document entitled “Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa”, was reviewed. No former waste disposal sites were located within the Phase I study area.

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

As part of this assessment, a requisition form was submitted to the City of Ottawa to request information from the City’s Historical Land Use Inventory database for any environmental records pertaining to the subject site as well as any properties situated within the Phase I study area.

A response from the City had not been received prior to the issuance of this report. A copy of the response will be forwarded to the client should it contain any pertinent information. A copy of the submission request has been included in Appendix 2.

## **City of Ottawa 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. No former industrial sites were identified on the subject site or within the Phase I study area.

## **ERIS Database Report**

A database report, prepared by ERIS (Environmental Risk Information Services) Ltd., dated August 30, 2021, was acquired, and reviewed as part of this assessment. The complete ERIS report has been included in Appendix 2.

### **❑ On-Site Records:**

The ERIS report did not identify any records pertaining to the subject site.

### **❑ Off-Site Records:**

The ERIS report identified 137 records pertaining to properties located within a 250 m radius of the subject site.

The majority of the off-site records identified within a close proximity to the subject site are related to minor spill incidents, however these are not considered to pose an environmental concern to the subject site, due to their down-gradient orientation from the subject site.

The remaining off-site records identified are listed for properties which are situated at a significant distance away, or are situated in an inferred down-gradient or cross-gradient orientation with respect to anticipated groundwater flow. As a result, these remaining off-site properties are not considered to pose an environmental concern to the subject site.

## **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 (City of Ottawa Website) The subject site appears to be vacant land. The neighbouring properties to the north, east and west appear to be

occupied with residential dwellings at this time. The adjacent property to the south is occupied a large building.

- 1945 (Poor Quality) The subject property is now developed with a residential dwelling. Further development has occurred to the north, east and west of the subject site at this time
- 1965 (City of Ottawa Website) No significant changes have been made to the subject site. Further development has occurred to the east and south of the subject site, with new residential developments. The large building to the south appears to be a church. To the north of the subject site, commercial properties have been developed along Richmond Road.
- 1976 (City of Ottawa Website) No significant changes have been made to the subject site or surrounding properties.
- 1988 No significant changes have been made to the subject site or surrounding properties.
- 1995 No significant changes have been made to the subject site or surrounding properties.
- 2008 (City of Ottawa Website) No significant changes appear to have been made to the subject site or surrounding properties.
- 2017 (City of Ottawa Website) No significant changes have been made to the subject site or surrounding properties.

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

### **Geological Maps**

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock beneath the site area consists of interbedded limestone and dolomite of the Gull River Formation. The surficial geology consists of till, with an overburden thickness ranging from approximately 2 m to 3 m.

### **Topographic Maps**

Topographic information was reviewed from the Natural Resources Canada – The Atlas of Canada website as part of this assessment. The topographic map indicates that the elevation of the subject site is approximately 70 m ASL. The

regional topography in the general area of the site slopes gradually downward to the northwest, towards the Ottawa River. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

### **Physiographic Maps**

A physiographic map was reviewed from the Natural Resources Canada – The Atlas of Canada website as part of this assessment. According to the publication and mapping information, the subject site is situated within the St. Lawrence Lowlands. According to the description provided: *“The lowlands are plain-like areas that were affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets.”* The subject site is specifically located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

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

No natural water bodies or areas of natural significance are known to exist on the Phase I property or within the Phase I study area.

### **Water Well Records**

A search of the MECPs website for all drilled records within a 250 m radius of the subject site was conducted as part of this assessment. The search identified seventeen well records within the Phase I study area. These records pertain to wells installed between 1958 and 2019 and used for groundwater observation purposes. Based on the availability of municipal services, no drinking water wells are expected to be in use within the Phase I study area.

According to the well records, the overburden stratigraphy in the vicinity of the subject site generally consists of brown silty sand and gravel over top of grey silt and cobbles. Bedrock was encountered at most of the borehole locations during the installation of the aforementioned groundwater monitoring wells. According to the records, the bedrock within the vicinity of the subject site was typically encountered at ranges between 2.1 m to 4.5 m.

## **5.0 INTERVIEWS**

Mr. Matt Blasioli, a representative of Honey Construction, was interviewed on behalf of the current property owner as part of this assessment. According to Mr. Blasioli, the residential dwelling was constructed circa 1976. He was unaware of any environmental concerns pertaining to the subject site or surrounding properties.

## **6.0 SITE RECONNAISSANCE**

### **6.1 General Requirements**

A site inspection was conducted for the subject site on October 19, 2021. Weather conditions were overcast, with a temperature of approximately 9° C. Mr. Joshua Dempsey from the Environmental Department of Paterson Group conducted the site visit. In addition to the site, the uses of neighbouring properties within the Phase I study area were also assessed at the time of the site assessment.

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

#### **Site Features**

The subject site is currently occupied with a residential dwelling (436 Athlone Avenue). The subject building occupies the eastern portion of the subject site area, while the remainder of the site consists of landscaped areas or an asphaltic concrete parking laneway.

The site topography is relatively flat, whereas the regional topography appears to slope down to the north, in the general direction of the Ottawa River. The subject site is considered to be relatively at grade with respect to the adjacent streets and neighbouring properties.

Water drainage on the subject site occurs primarily via infiltration within the landscaped areas around the property, as well as sheet flow towards the catch basins located at the intersections at Byron Avenue and Wesley Avenue. No ponded water, stressed vegetation, surficial staining, or any other indications of potential sub-surface contamination were observed on the subject site at the time of the site inspection.

A description of the subject site is illustrated on Drawing PE5428-1 – Site Plan, in the Figures section of the report.

## **Buildings and Structures**

The property is currently occupied with a two-storey residential dwelling, with one basement level. Built sometime prior to the 1940s, the subject building is constructed with a poured concrete foundation and is finished with exterior stucco siding, in addition to a sloped-shingled roof. The subject building is currently heated via a natural gas-fired furnace, located in the basement.

## **Potential Environmental Concerns**

### **Fuels and Chemical Storage**

No chemical storage areas, above ground storage tanks (ASTs), or signs of underground storage tanks (USTs) were observed on the exterior of the subject site at the time of the site inspection.

### **Hazardous Materials and Unidentified Substances**

No hazardous materials, unidentified substances, spills, surficial staining, abnormal odours, stressed vegetation, or any other indications of potential sub-surface contamination were observed on the exterior of the subject site at the time of the site inspection.

### **Polychlorinated Biphenyls (PCBs) and Transformer Oil**

One pole-mounted transformer was identified in the front of 436 Athlone Avenue, along the roadway. The transformer was noted to be in good condition, with no signs of any leaks or staining observed. The presence of this transformer is not considered to pose an environmental concern to the subject site.

### **Waste Management**

Solid, non-hazardous domestic waste and recyclable products are stored in plastic and metal bins adjacent to the exterior of the subject building and are collected by either the municipality and/or a licensed contractor on a regular basis. No environmental concerns were identified with respect to waste management practices on the subject site.



## **Interior Assessment**

A general description of the interior of the residential dwelling is as follows:

- The floors throughout the building consist of concrete, laminate, hardwood, and ceramic tile.
- Wall materials consist of drywall and/or plaster, and ceramic tile.
- The ceilings consist of stippled finishes and drywall.
- Lighting throughout the building is provided by incandescent and fluorescent fixtures.

## **Potentially Hazardous Building Products**

### **Asbestos-Containing Materials (ACMs)**

Based on the age of the subject building (pre-1945), asbestos containing building materials may be potentially present within the structure. Potential ACMs observed on-site include the drywall joint compound, plaster, and stipple plaster ceilings. These ACMs were observed to be in good condition at the time of the site inspection and do not represent an immediate concern to the building's occupants.

### **Lead-Based Paint**

Based on the age of the subject building, lead-based paints may be present on any original or older painted surfaces. Painted surfaces were generally observed to be in good condition at the time of the site inspection and do not represent an immediate concern.

### **Polychlorinated Biphenyls (PCBs) and Transformer Oil**

No potential sources of PCBs were identified inside the subject building at the time of the site inspection.

### **Urea Formaldehyde Foam Insulation (UFFI)**

UFFI was not observed at the time of the site inspection, however, wall cavities were not inspected for insulation type.

## **Other Potential Environmental Concerns**

### **Interior Fuel and Chemical Storage**

No aboveground fuel storage tanks or signs of underground fuel storage tanks were observed within the subject building at the time of the site inspection.

Chemical products identified in the subject building were observed to be predominantly limited to domestically available cleaning products, stored properly in their original containers.

### **Wastewater Discharges**

No sump pits or floor drains were observed in the subject building at the time of the site inspection.

Wastewater from the subject building (wash water and sewage) is discharged into the City of Ottawa sanitary sewer system. Roof drainage is discharged via surface run-off towards catch basins located on the adjacent streets, which drain into the City of Ottawa storm water sewer system. No concerns were identified with respect to wastewater discharge on the subject site.

### **Ozone Depleting Substances (ODSs)**

Potential sources of ODSs observed on-site include refrigerators, freezers, fire extinguishers, and air conditioner units. These appliances appeared to be in good condition at the time of the site inspection and should be regularly serviced by a licensed contractor.

## **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 subject site was as follows:

- North - Residential dwellings, followed by Byron Avenue;
- South - Residential dwellings, followed by Wesley Avenue;
- East - Athlone Avenue, followed by residential dwellings;
- West - Residential dwellings, followed by Evered Avenue.

No environmental concerns were identified with respect to the current uses of the neighbouring properties. The neighbouring land use within the Phase I study area is shown on Drawing PE5428-2 – 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 subject site was first developed with a residential dwelling sometime prior to the 1940s.

#### **Potentially Contaminating Activities (PCAs)**

Based on the findings of this Phase I ESA, no potentially contaminating activities (PCAs), resulting in areas of potential environmental concern (APECs), were identified on the subject site.

Off-site PCAs were identified within the Phase I study area but were deemed not to be of any environmental concern to the subject site based on their separation distances as well as their inferred down-gradient or cross-gradient orientation with respect to the anticipated groundwater flow.

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

No areas of potential environmental concern were identified on the subject site.

#### **Contaminants of Potential Concern (CPC)**

No contaminants of potential concern were identified, as no areas of potential environmental concern were identified on the subject site.

### **7.2 Conceptual Site Model**

#### **Geological and Hydrogeological Setting**

Based on the available information, the bedrock in the area of the subject site consists of interbedded dolomite and limestone of the Gull River Formation. The surficial geology consists of till, with an overburden thickness ranging from approximately 2 m to 3 m.

Groundwater is anticipated to be encountered within the bedrock and flow in a northwesterly direction towards the Ottawa River.

#### **Existing Buildings and Structures**

The subject site is currently occupied with a two-storey residential dwelling (436 Athlone Avenue) located in the northeastern portion of the property.

### **Water Bodies and Areas of Natural and Scientific Interest**

No water bodies or areas of natural and scientific interest were identified within the Phase I study area. The nearest named water body with respect to the subject site is the Ottawa River, located approximately 900 m to the northwest.

### **Current and Future Property Use**

The subject site is currently being used for residential purposes. It is our understanding that the subject site is to be redeveloped with a low-rise residential building.

### **Drinking Water Wells**

Based on the results of the well record search, no drinking water wells were identified on to the subject site. Multiple drinking water wells have been identified within the Phase I study area. With the relative availability of municipal services within the area, no drinking water wells are expected to be present within the Phase I study area.

### **Neighbouring Land Use**

The surrounding lands within the Phase I study area consist predominantly of residential properties, as well as occasional commercial and institutional properties. The current land use of the Phase I study area is shown on Drawing PE5428-2 – Surrounding Land Use Plan, in the Figures sections of this report.

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

As per Section 7.1 of this report, no potentially contaminating activities (PCAs), resulting in areas of potential environmental concern (APECs), were identified pertaining to the subject site.

Other off-site PCAs were identified within the Phase I study area but were deemed not to be of any environmental concern to the subject site based on their separation distances as well as their inferred down-gradient or cross-gradient orientation with respect to the anticipated groundwater flow.

### **Contaminants of Potential Concern**

No contaminants of potential concern were identified as pertaining to the subject site.

### **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 no PCAs, or APECs associated with the subject site.

The absence of any 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 2707120 Ontario Inc. to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for the property addressed 436 Athlone Avenue, 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.

Based on a review of available historical information, the subject site was first developed sometime prior to 1940s with a residential dwelling (436 Athlone Avenue) and a small shed/garage in the southwest corner of the property. No environmental concerns were identified with respect to the historical use of the subject site.

The neighbouring lands in the vicinity of the subject site have historically been developed predominantly for residential purposes, with the occasional institutional and commercial land use. No environmental concerns were identified with respect to the historical use of the neighbouring properties.

Presently, the subject site is currently occupied with a vacant residential dwelling (436 Athlone Avenue). No environmental concerns were identified with respect to the current use of the subject site.

The neighbouring lands within the vicinity of the subject site consist mainly of residential properties, with the occasional institutional and commercial land use. No environmental concerns were identified with respect to the neighbouring properties.

Based on the findings of the Phase I – Environmental Site Assessment, it is our opinion that **a Phase II – Environmental Site Assessment is not required for the subject site.**

## **Recommendations**

Based on the age of the subject building, asbestos containing building materials (ACMs) may be potentially present within the structures. Potential ACMs observed on-site include the drywall joint compound, plaster, and stipple plaster ceilings. These ACMs were observed to be in good condition at the time of the site inspection and do not represent an immediate concern. A designated substance survey (DSS) of the subject building should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to any demolition activities, if one has not already been conducted.

Based on the age of the subject building, lead-based paints may be present on any original or older painted surfaces. The painted surfaces within the subject building were generally observed to be in good condition and do not pose an immediate concern. Major work involving lead-based paint or other lead containing products must be done in accordance with O.Reg. 843, 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 O.Reg. 153/04, as amended, 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 subject site 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 2707120 Ontario Inc. Permission and notification from 2707120 Ontario Inc. and Paterson Group Inc. will be required to release this report to any other party.

### **Paterson Group Inc.**



Joshua Dempsey, B.Sc.



Mark S. D'Arcy, P.Eng., QP<sub>ESA</sub>



### **Report Distribution:**

- 2707120 Ontario Inc.
- 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.
- OMNRF Areas of Natural Significance.
- MECP Water Well Inventory.
- Chapman, L.J., and Putnam, D.F., 1984: ‘The Physiography of Southern Ontario, Third Edition’, Ontario Geological Survey Special Volume 2.

### Municipal Records

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

### Local Information Sources

- Personal Interviews.

### Public Information Sources

- ERIS Database Report
- Google Earth.
- Google Maps/Street View.

# **FIGURES**

**FIGURE 1 – KEY PLAN**

**FIGURE 2 – TOPOGRAPHIC MAP**

**DRAWING PE5428-1 – SITE PLAN**

**DRAWING PE5428-2 – SURROUNDING LAND USE PLAN**

# **APPENDIX 1**

**AERIAL PHOTOGRAPHS**

**SITE PHOTOGRAPHS**

# **APPENDIX 2**

**MECP FREEDOM OF INFORMATION REQUEST**

**MECP WATER WELL RECORDS**

**TSSA CORRESPONDENCE**

**CITY OF OTTAWA HLUI REQUEST**

**ERIS DATABASE REPORT**

# **APPENDIX 3**

## **QUALIFICATIONS OF ASSESSORS**

# **FIGURES**

**FIGURE 1 – KEY PLAN**

**FIGURE 2 – TOPOGRAPHIC MAP**

**DRAWING PE5428-1 – SITE PLAN**

**DRAWING PE5428-2 – SURROUNDING LAND USE PLAN**

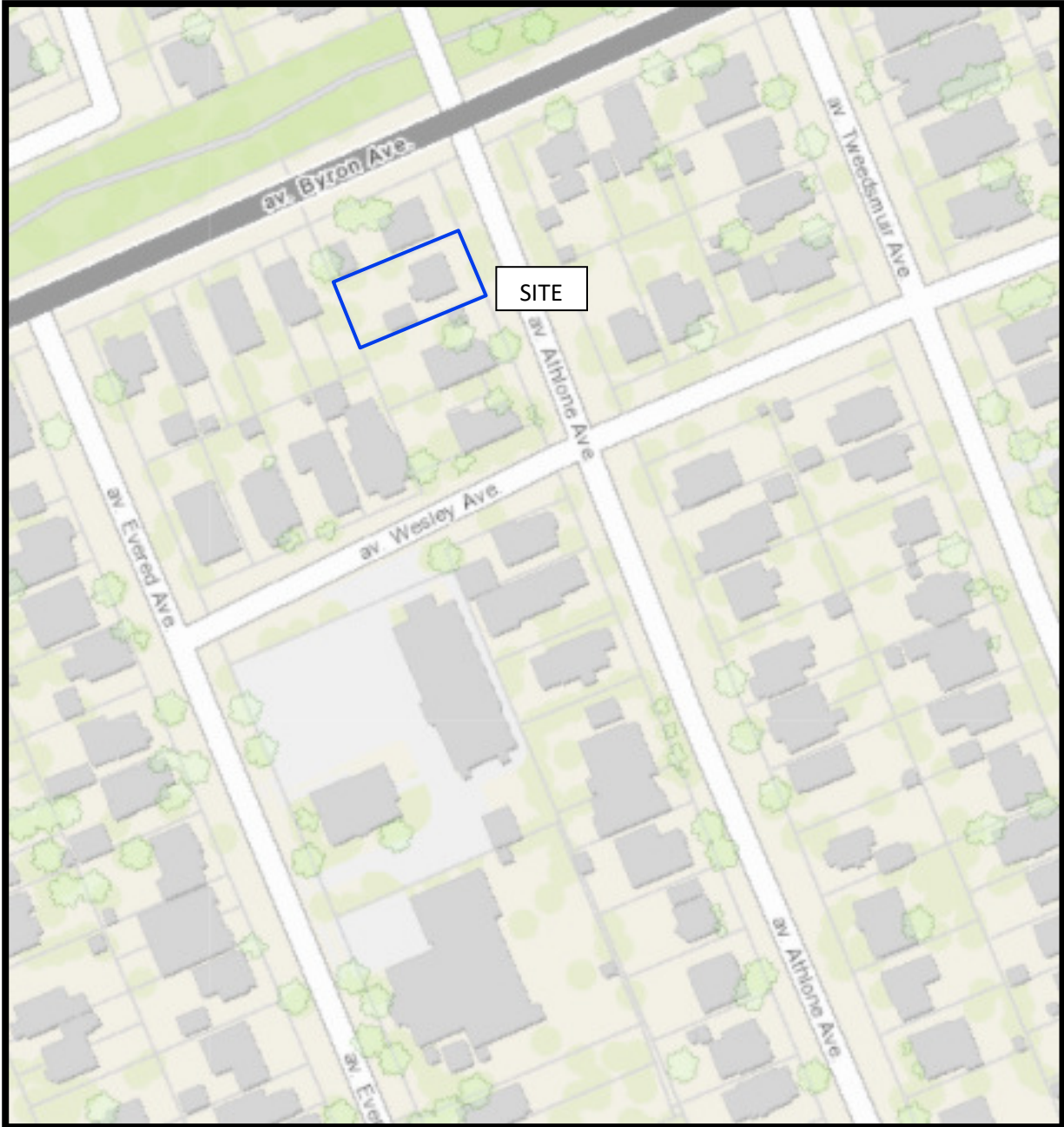


FIGURE 1  
KEY PLAN



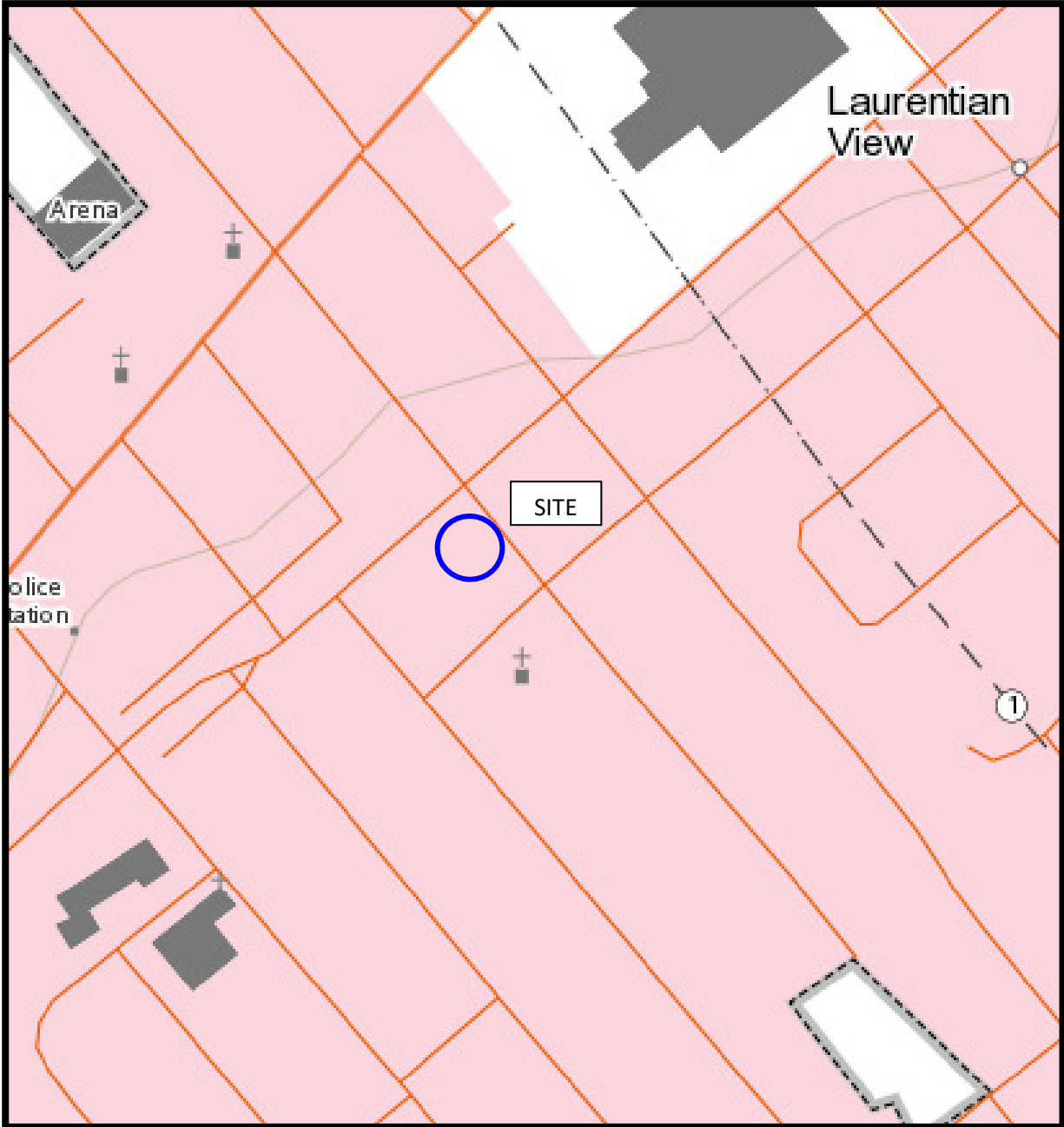
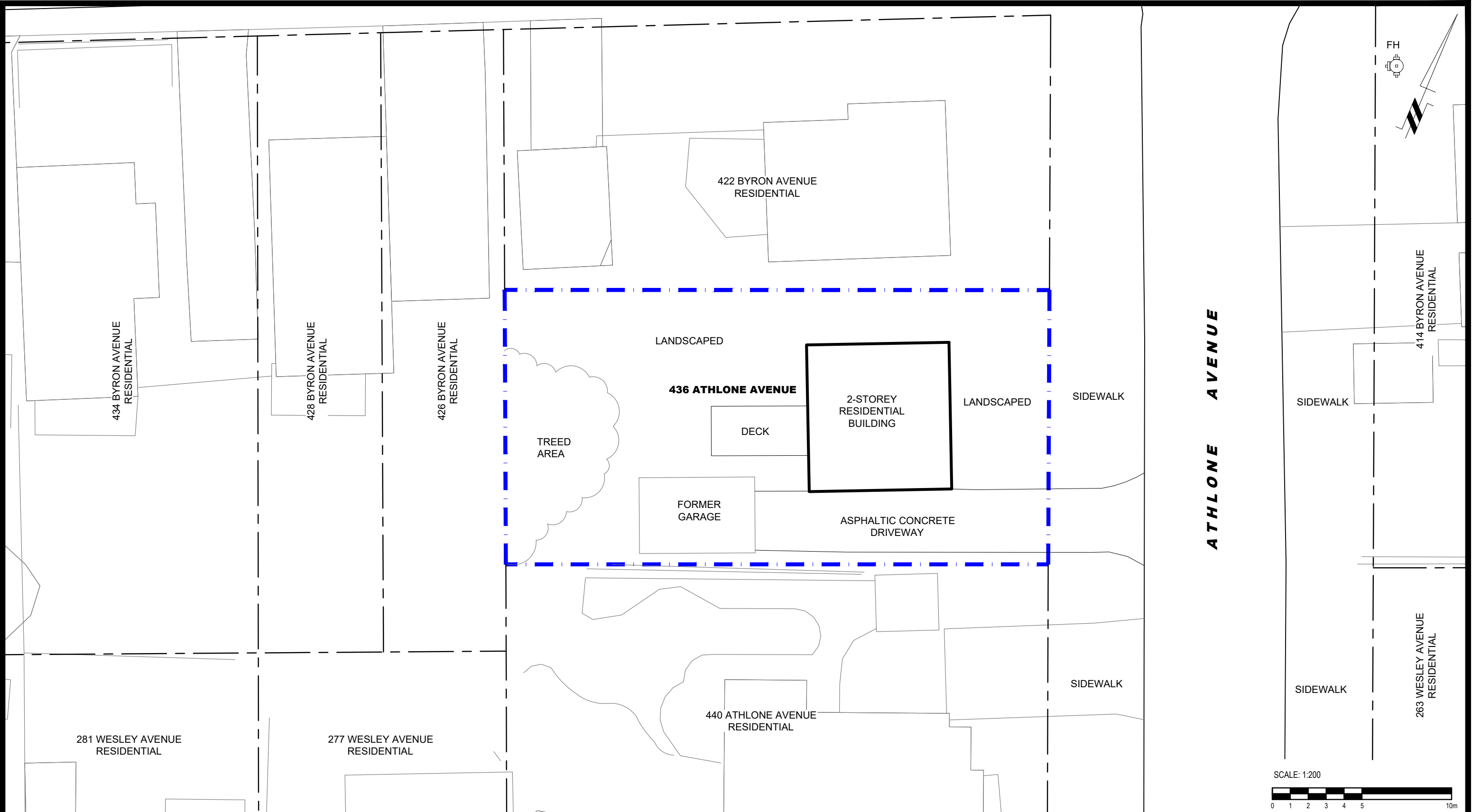


FIGURE 2  
TOPOGRAPHIC MAP



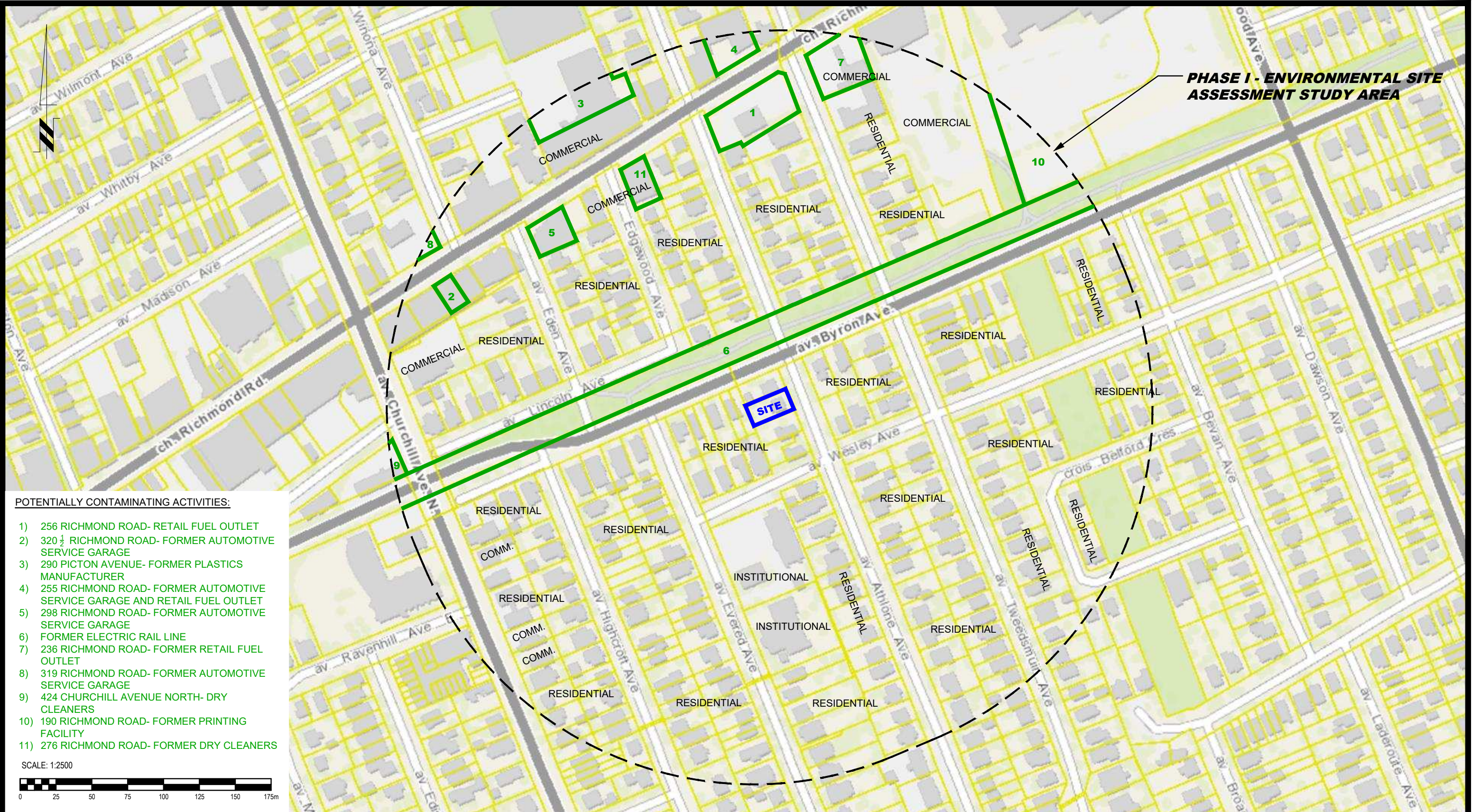
**patersongroup**  
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

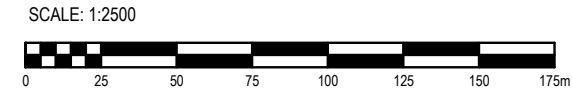
2707120 ONTARIO INC.  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
 436 ATHLONE AVENUE  
 OTTAWA, ONTARIO  
**SITE PLAN**

Scale:	1:200	Date:	10/2021
Drawn by:	YA	Report No.:	PE5428-1
Checked by:	JD	Dwg. No.:	<b>PE5428-1</b>
Approved by:	MSD	Revision No.:	



**POTENTIALLY CONTAMINATING ACTIVITIES:**

- 1) 256 RICHMOND ROAD- RETAIL FUEL OUTLET
- 2) 320 1/2 RICHMOND ROAD- FORMER AUTOMOTIVE SERVICE GARAGE
- 3) 290 PICTON AVENUE- FORMER PLASTICS MANUFACTURER
- 4) 255 RICHMOND ROAD- FORMER AUTOMOTIVE SERVICE GARAGE AND RETAIL FUEL OUTLET
- 5) 298 RICHMOND ROAD- FORMER AUTOMOTIVE SERVICE GARAGE
- 6) FORMER ELECTRIC RAIL LINE
- 7) 236 RICHMOND ROAD- FORMER RETAIL FUEL OUTLET
- 8) 319 RICHMOND ROAD- FORMER AUTOMOTIVE SERVICE GARAGE
- 9) 424 CHURCHILL AVENUE NORTH- DRY CLEANERS
- 10) 190 RICHMOND ROAD- FORMER PRINTING FACILITY
- 11) 276 RICHMOND ROAD- FORMER DRY CLEANERS



**patersongroup**  
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

**HONEY CONSTRUCTION**

**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
436 ATHLONE AVENUE

OTTAWA, ONTARIO

Title: **SURROUNDING LAND USE PLAN**

Scale:	1:2500	Date:	10/2021
Drawn by:	YA	Report No.:	PE5428-1
Checked by:	JD	Dwg. No.:	<b>PE5428-2</b>
Approved by:	MSD	Revision No.:	

# **APPENDIX 1**

**AERIAL PHOTOGRAPHS**

**SITE PHOTOGRAPHS**



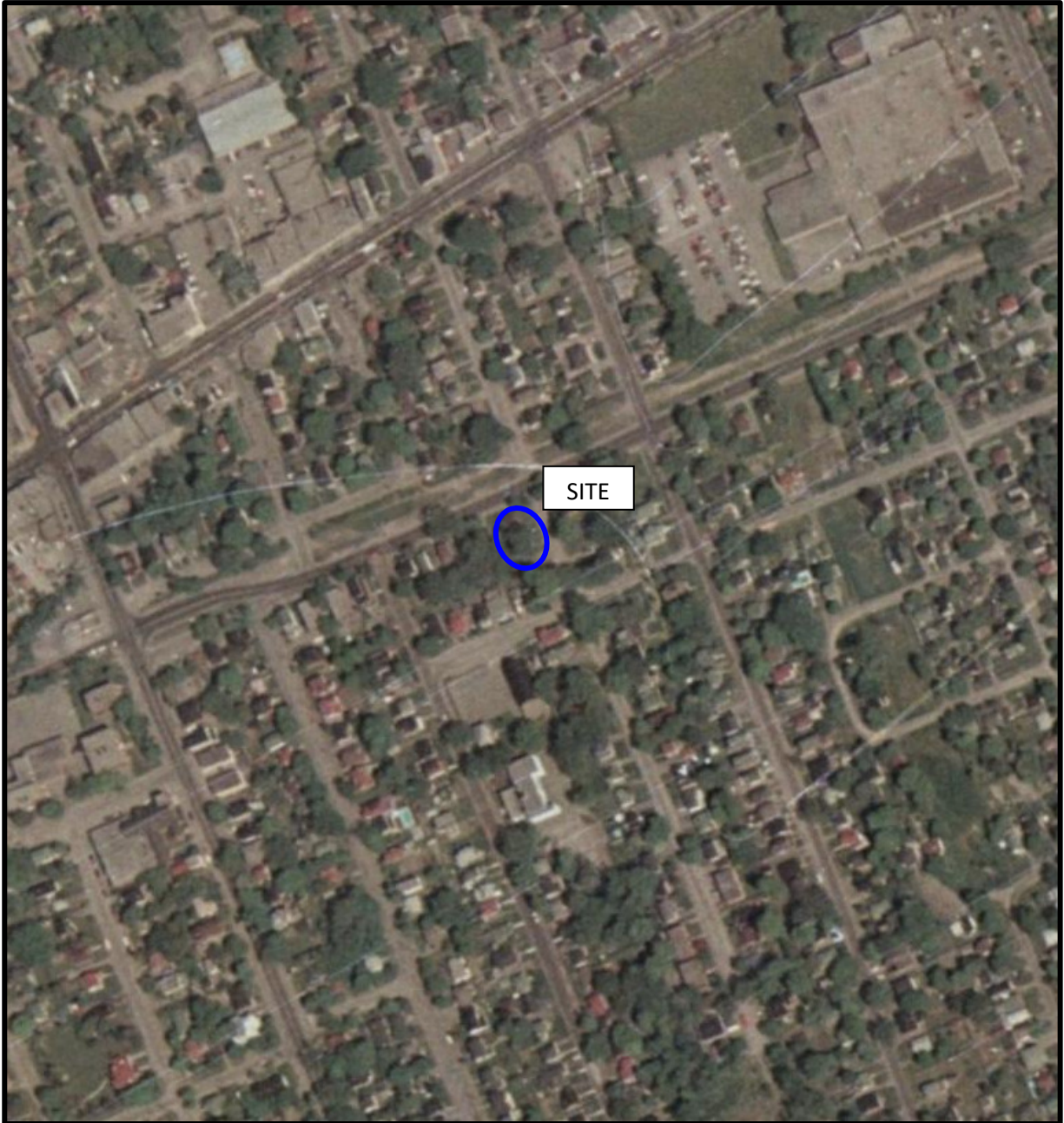
AERIAL PHOTOGRAPH  
1928



AERIAL PHOTOGRAPH  
1945

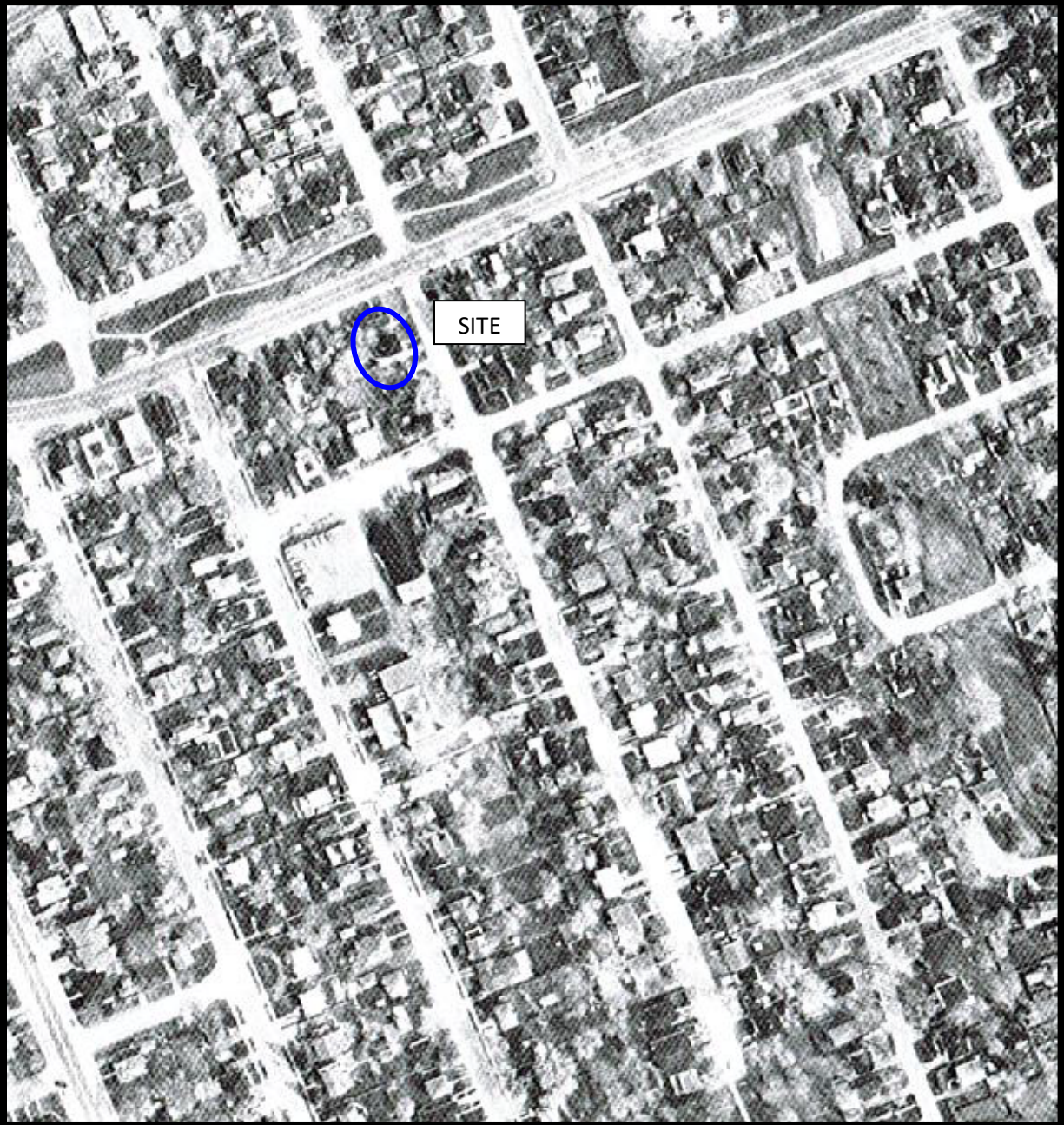


AERIAL PHOTOGRAPH  
1965



AERIAL PHOTOGRAPH  
1976

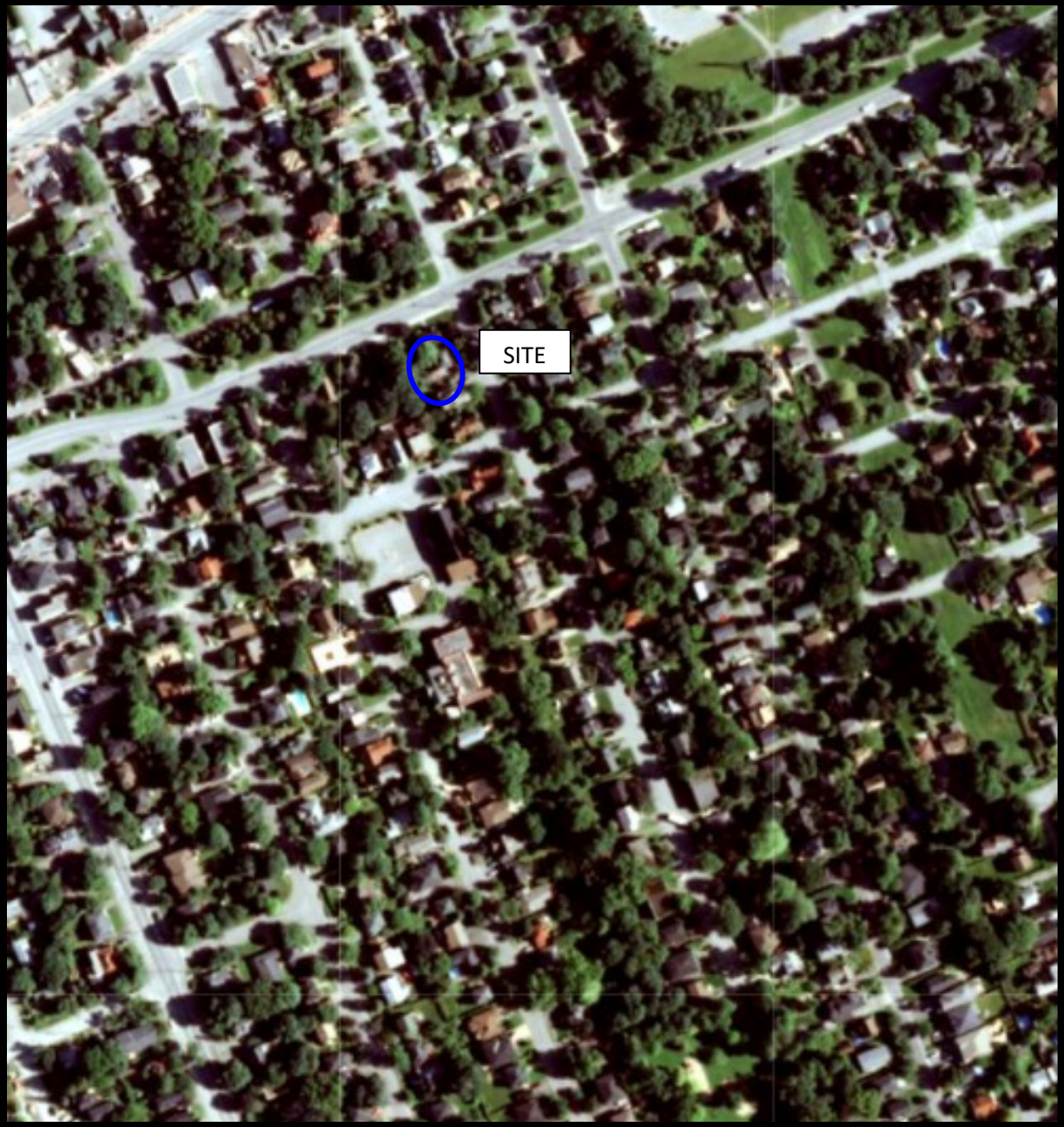




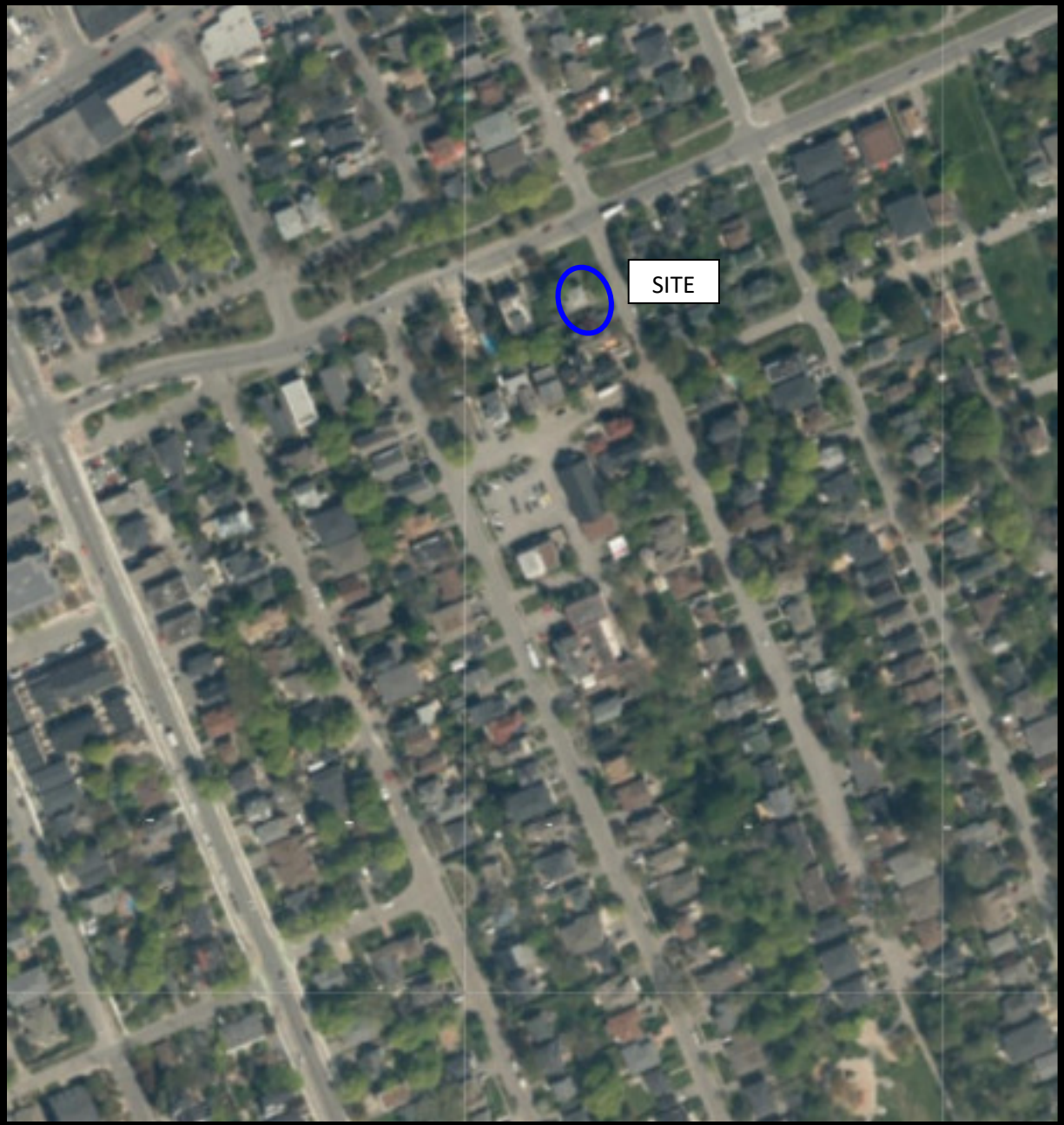
AERIAL PHOTOGRAPH  
1988



AERIAL PHOTOGRAPH  
1995



AERIAL PHOTOGRAPH  
2008



AERIAL PHOTOGRAPH  
2017

## Site Photographs

PE5428

436 Athlone Avenue – Ottawa, ON

October 19, 2021



Photograph 1: Floor and walls of the first-floor living room.



Photograph 2: Ceramic tile flooring in the first-floor kitchen.

## Site Photographs

PE5428

436 Athlone Avenue – Ottawa, ON

October 19, 2021



Photograph 3: Natural Gas furnace located in the basement of the property.



Photograph 4: Previous location of the former garage that was located on the property.

## Site Photographs

PE5428

436 Athlone Avenue – Ottawa, ON

October 19, 2021



Photograph 5: View of the rear portion of the property looking towards Athlone Avenue.



Photograph 6: View of the front portion of the property looking from Athlone Avenue.

# **APPENDIX 2**

**MECP FREEDOM OF INFORMATION REQUEST**

**MECP WATER WELL RECORDS**

**TSSA CORRESPONDENCE**

**CITY OF OTTAWA HLUI REQUEST**

**ERIS DATABASE REPORT**



## Ministry of the Environment, Conservation and Parks

### Freedom of Information Request for Property Information

#### Instructions

Use this form to:

- submit and pay for a new FOI request for access to records/information about a property
- pay for a deposit or a final fee on an existing FOI request

Fields marked with an asterisk (\*) are mandatory.

**Are you: \***

- Submitting a new FOI Request for Property Information
- Paying a deposit or final fee for an existing FOI Request for Property Information

#### Section 1 – Description of Records Requested

##### Time Period for Records Requested

From (yyyy/mm/dd) \*

1986/01/01

To (yyyy/mm/dd) \*

2021/08/26

**Type of Record(s) \***

- All environmental records relating to the identified property/site exclusive of Environmental Approvals and Registrations
- Environmental Approvals and Registrations (e.g. Environmental Compliance Approvals; Certificate of Approval; Renewable Energy Approvals; Environmental Activity and Sector Registry Registrations)

Select only if you are seeking access to an Approval or Registration that is not publicly available or if you are also seeking supporting documents relating to the Approval or Registration.

Operator and vendor Pesticide Licenses from September 4, 2018, final Approvals and Registrations are publicly available on the Access Environment website at:

<https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en>.

Records of Site Condition (RSC) records are publicly available on the Brownfields Environmental Site Registry (BSER).

- RSC records between 2004 to June 30, 2011 are available at:  
<https://www.lrcsde.lrc.gov.on.ca/besrWebPublic/generalSearch>
- RSC records filed after July 2011 are available at:  
[https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/earchFiledRsc\\_search?request\\_locale=en](https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/earchFiledRsc_search?request_locale=en)

- Other Specific Document(s)

List any record(s) that should be excluded from the scope of your request (e.g. email correspondences; records originating from your organization/business; records already in your possession, prior year(s) annual reports for approvals)

Please provide any additional relevant information relating to your request. For example, does your request relate to any other ministry business? Please note that this information is being requested only in order to provide contextual information to the Access and Privacy Office and will not in any way affect or expedite the status of any related ministry business identified.

## Section 2 – Requester Information

Last Name *	First Name *	Middle Initial
<input type="text" value="Dempsey"/>	<input type="text" value="Joshua"/>	<input type="text"/>

Business/Organization Name (if applicable or indicate "N/A") \*

Project/Reference Number (if applicable)

Are you submitting this request on behalf of a client? \*

Yes  No

### Mailing Address

Unit Number	Street Number *	Street Name *
<input type="text"/>	<input type="text" value="154"/>	<input type="text" value="Colonnade Road"/>

PO Box	City/Town *	Province *	Postal Code *
<input type="text"/>	<input type="text" value="Ottawa"/>	<input type="text" value="ON"/>	<input type="text" value="K2E 7J5"/>

Telephone Number *	ext.	Email Address *
<input type="text" value="613-226-7381"/>	<input type="text"/>	<input type="text" value="jdempsey@patersongroup.ca"/>

Is there an alternate contact (e.g. office admin)? \*

Yes  No

## Section 3 – Current Property Address Information

Is the property a:

Park  Lake  First Nation Band  Wind Farm  Federal Land  Island  Unsurveyed Land

Are you requesting information about multiple addresses? \*

Yes  No

### Property Address

Unit Number	Street Number	Street Name
<input type="text"/>	<input type="text" value="436"/>	<input type="text" value="Athlone Avenue"/>

Full Lot Number	Concession	Geographic Township
<input type="text"/>	<input type="text"/>	<input type="text"/>

City/Town/Village \*

Closest Intersection

## Section 4 – Previous Property Address Information

Do you want the ministry to search all prior historical addresses for this property/site for the time period of the records requested? \*

Yes  No

## Section 5 – Supporting Documents

Please upload any documents (e.g. Maps) that are relevant to your FOI request.

The total size of all attachments must not be more than 8 MB.

1. File Name

Total File Size

Payment confirmation number: 21777069

UTM 118<sup>Z</sup> 441131010<sup>E</sup>  
15<sup>R</sup> 51026725<sup>N</sup>  
 Elev. 4<sup>R</sup> 02215  
 Basin 25         



15 No 8932

GROUND WATER BRANCH  
 AUG - 5 1958  
 ONTARIO WATER RESOURCES COMMISSION

The Water-well Drillers Act, 1954  
 Department of Mines

# Water-Well Record

County or Territorial District... OTTAWA Township, Village, Town or (City) OTTAWA  
 in Village, Town or City).....  
 Address .....  
 (day) (month) (year)

## Pipe and Casing Record

## Pumping Test

Casing diameter(s) ..... 5"  
 Length(s) ..... 24'  
 Type of screen ..... NONE  
 Length of screen .....  
 Static level ..... 35  
 Pumping rate ..... 1000 GPH  
 Pumping level ..... 60  
 Duration of test ..... 1 HR

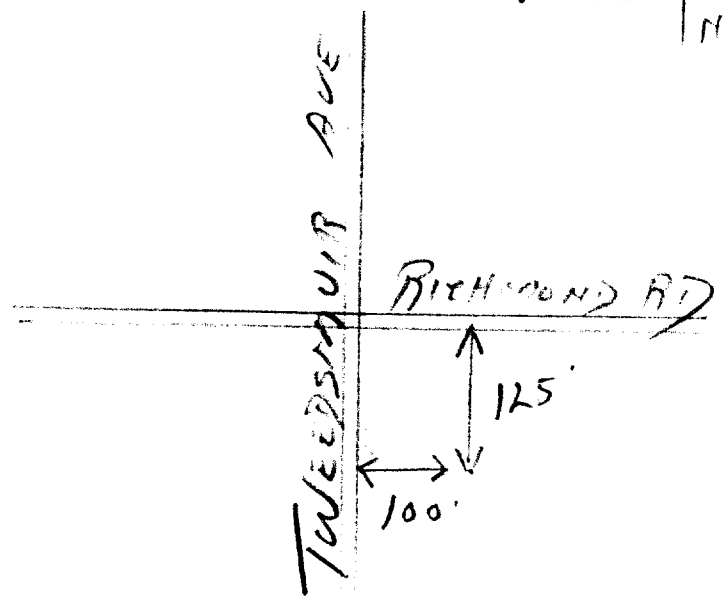
## Well Log

## Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>BOULDER CLAY</u>	<u>0</u>	<u>20</u>			
<u>GREY LIGNITE</u>	<u>20</u>	<u>115</u>	<u>110</u>	<u>80</u>	<u>FRESH</u>

For what purpose(s) is the water to be used?  
MOTEL  
 Is water clear or cloudy?..... CLEAR  
 Is well on upland, in valley, or on hillside?.....  
 Drilling firm ..... M. McEAGHER  
 Address ..... OTTAWA  
 Name of Driller ..... SAME  
 Address .....  
 Licence Number.....

Location of Well  
 In diagram below show distances of well from road and lot line. Indicate north by arrow.



I certify that the foregoing statements of fact are true.  
 Date July 1958 M. McEagher  
 Signature of Licensee

TWEEDSMUIR AVE

**Master Well Owner's and Land Owner's Information**

First Name: 255 Richmond Road Holdings  
Last Name: 255 Richmond Road Holdings  
E-mail Address: [blank]  
Mailing Address (Street Number/Name, RR): 255 Richmond Road  
Municipality: Ottawa  
Province: ON  
Postal Code: [blank]  
Telephone No. (inc. area code): 613

**Location and Construction of the Master Well in the Cluster**

Address of Well-Location (Street Number/Name, RR): 255 Richmond Road  
Township: [blank]  
Lot: [blank]  
Concession: [blank]  
County/District/Municipality: [blank]  
City/Town/Village: Ottawa  
Province: Ontario  
Postal Code: [blank]

UTM Coordinates: NAD 83 Zone 18 Easting 441257 Northing 5026972  
GPS Unit Make: Garmin Model: Etrex  
Mode of Operation:  Undifferentiated  Averaged  
 Differentiated, specify

**Overburden and Bedrock Materials (see instructions on the back of this form)**

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres)	
				From	To
Brown	Fill	Sand & gravel	dry	0	2.3
Brown	Fill	Boulders + cobbles		2.3	4.5
Grey	Bedrock	limestone		4.5	7.5

**Hole Details**

Depth (Metres) From	Depth (Metres) To	Diameter (Centimetres)
4.57	7.5	10

**Water Use**

Public  Industrial  Not used  Other, specify  
 Domestic  Commercial  Dewatering  
 Livestock  Municipal  Monitoring  
 Irrigation  Test Hole  Cooling & Air Conditioning

**Method of Construction**

Cable Tool  Air Percussion  Digging  
 Rotary (Conventional)  Diamond  Boring  
 Rotary (Reverse)  Jetting  Other, specify  
 Rotary (Air)  Driving HSA

**Status of Well**

Test Hole  Abandoned, Insufficient Supply  
 Replacement Well  Abandoned, Poor Water Quality  
 Dewatering Well  Other, specify  
 Alteration (Construction)  Abandoned, other, specify

**No Casing and Screen Used**  Yes  No  
**Static Water Level Test** 6.7 Metres

**Screen**

Galvanized  Steel  Fibreglass  Concrete  Plastic  
 Outside Diameter (Centimetres): 5.8 Slot No.: 10

**Water Details**

Water found at Depth: [blank] Metres  Gas  Fresh  Salty  Sulphur  Minerals  
 Water found at Depth: [blank] Metres  Gas  Fresh  Salty  Sulphur  Minerals  
 Water found at Depth: [blank] Metres  Gas  Fresh  Salty  Sulphur  Minerals

Disinfected  Yes  No If no, provide reason: [blank] Date Master Well Completed (yyyy/mm/dd): 2005/10/17

**Cluster Information (Please also fill out the additional Cluster Well Information for Well Construction for each parcel of land and cluster.)**

Total Wells in Cluster: 2 Please indicate Number of Cluster Well Information Log Sheets Submitted: [blank]  
 Total Wells on this Property: unknown [blank]

**Location of Well Cluster**

Detailed Map must be provided as an attachment no larger than legal size (8.5" x 14"). Sketches are not allowed.  
 Check box to confirm detailed map is provided as per Section 11.1 (3)

**Consent to release additional information concerning the cluster to the Director upon request**

Signature of Technician/Contractor: [blank] Date (yyyy/mm/dd): [blank]

**Construction Details**

Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres)	
			From	To
<u>5.1</u>	<u>PVC</u>	<u>sched 40</u>	<u>0</u>	<u>5.8</u>

**Annular Space/Abandonment Sealing Record**

Depth Set at (Metres) From	Depth Set at (Metres) To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
<u>0</u>	<u>0.3</u>	<u>Bentonite</u>	<u>40 Kgs</u>
<u>4.8</u>	<u>5.0</u>	<u>*</u>	

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: George Downing Estate Drilling Ltd Well Contractor's Licence No.: 1844  
 Business Address (Street No./Name, number, RR): 410 Rue Principale Grenville-sur-la-Rouge Municipality: [blank]  
 Province: QC Postal Code: J0V1B0 Business E-mail Address: downing@xplonet.com  
 Bus. Telephone No. (inc. area code): 8192426469 Name of Well Technician (Last Name, First Name): Downing, Bruce  
 Well Technician's Licence No.: 173 Signature of Technician: [Signature] Date Submitted (yyyy/mm/dd): 2008/16/29

Audit No.: **M 02900** Well Contractor No.: [blank]  
 Date Received (yyyy/mm/dd): **NOV 24 2008** Date of Inspection (yyyy/mm/dd): [blank]  
 Remarks: [blank]

**Property Owner's Information**

First Name 255 Richmond Road Holdings	Last Name	Mailing Address (Street No./Name, RR) 255 Richmond Road	Municipality Ottawa
Province ON	Postal Code	E-mail Address	Telephone No. (inc. area code) 613

**Cluster Well Information**

Address of Well Location (Street Number/Name, RR) 255 Richmond Road		Lot	Concession	Township	County/District/Municipality
City/Town/Village Ottawa	Province Ontario	Postal Code	GPS Unit Make GARMIN	Model Etrex	Unit Mode of Operation <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged <input type="checkbox"/> Differentiated, specify:

Signature of Technician/Contractor <i>Bruce Downing</i>	Date (yyyy/mm/dd) 2008/10/29
--	---------------------------------

Well # on Sketch	Zone	UTM Coordinates		Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Interval (metres)		Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
		Easting	Northing						From	To					
mwo #4		1844124	65026977	7.0	20/10	HSA/DIA	PVC	2.5	2.5	7.0	Bentonite				2008/10/17

**Well Contractor and Well Technician Information**

Business Name of Well Contractor George Downing Estate Drilling Ltd.		Business Address (Street Number/Name, RR) 410 Rue Principale Granville Jean La Rouge		Municipality OC	Province QC
Postal Code J0V 1B0	Business Telephone No. (inc. area code) 8192426469	Well Contractor's Licence No. 1844	Business E-mail Address downingexplor.net.com		
Name of Well Technician (First Name, Last Name) Bruce Downing		Well Technician's Licence No. 2173	Date Submitted (yyyy/mm/dd) 2008/10/29	Signature of Technician <i>Bruce Downing</i>	

Date 1st Well in Cluster Constructed (yyyy/mm/dd) 2008/10/17	Date Last Well in Cluster Constructed (yyyy/mm/dd) 2008/10/17
---	--

Ministry Use Only	
Date Received (yyyy/mm/dd) NOV 24 2008	Date Inspected (yyyy/mm/dd)
Audit No. C 01995	Remarks m02900



**Trow** Associates Inc. 154 Colonnade Road South, Ottawa, Ontario K2E 7J5 Tel: (613) 225-9940 Fax: (613) 225-7337

DATE OCT 2008	CLIENT GIBSONS LLP	JOB No. OTEN00019750A
DESIGN CH	CHECKED CTK	SCALE 1:500±
DRAWN RG	TITLE BOREHOLE & MONITORING WELL LOCATION PLAN 255 RICHMOND ROAD, OTTAWA, ON.	FIG 2

C-1844 m02900 C01995

NOV 24 2008



Measurements recorded in:  Metric  Imperial

**A 085405** *A085405*
*6859* Page 1 of 3

Address of Well Location (Street Number/Name) <i>Tweedsmuir North of Richmond Rd</i>			Township <i>OTH</i>		Lot	Concession	
County/District/Municipality				City/Town/Village <i>Ottawa</i>		Province <b>Ontario</b>	Postal Code
UTM Coordinates	Zone	Easting	Northing		Municipal Plan and Sublot Number		Other
NAD	8	3	<i>18441</i>	<i>2995026953</i>			

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0' 05'	<i>cement</i>	
05' 12'	<i>Bentwhite</i>	
12' 23'	<i>Sand</i>	

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	
	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				

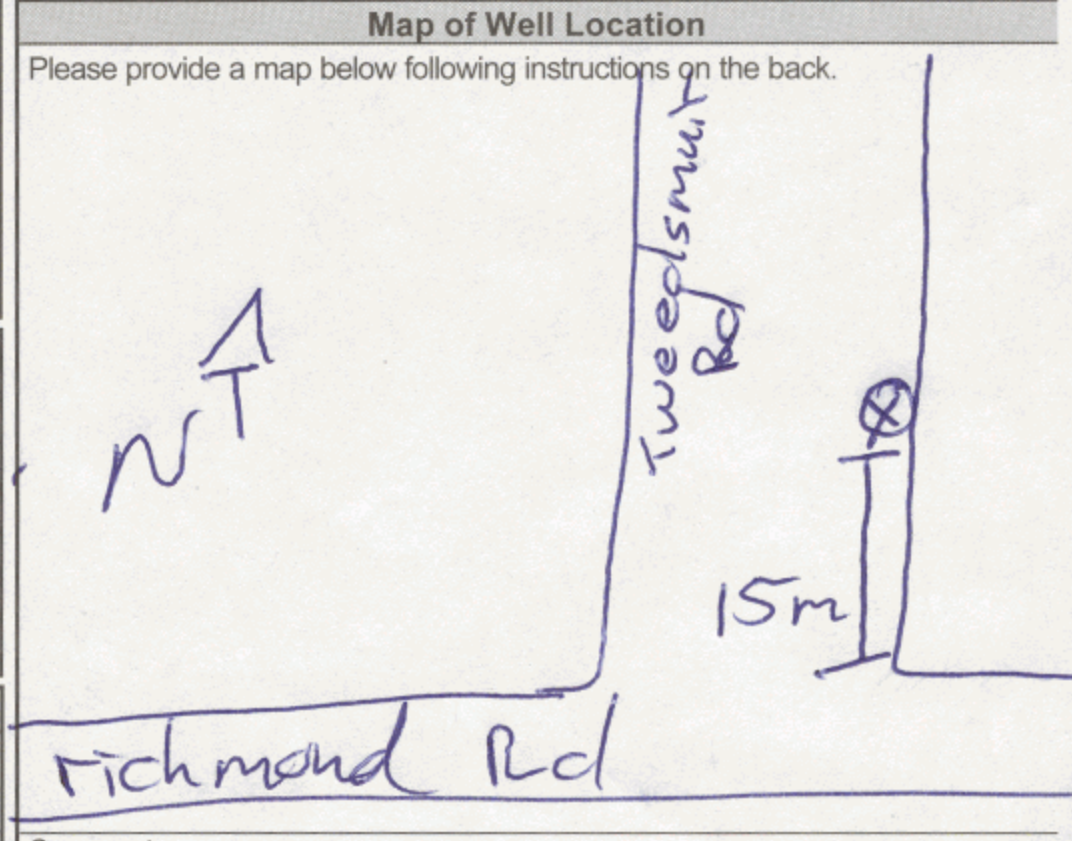
Method of Construction		Well Use		
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial	<input type="checkbox"/> Not used
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input type="checkbox"/> Dewatering
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole	<input checked="" type="checkbox"/> Monitoring
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning	
<input checked="" type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial		
<input type="checkbox"/> Other, specify _____		<input type="checkbox"/> Other, specify _____		

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	
<i>1.25"</i>	<i>Plastic</i>	<i>0.25"</i>	<i>0'</i>	<i>13'</i>	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input 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 _____

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)		Status of Well
			From	To	
<i>1.5"</i>	<i>Plastic</i>	<i>10</i>	<i>13'</i>	<i>23'</i>	<input type="checkbox"/> Other, specify _____

Water Details		Hole Diameter		
Water found at Depth (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	Depth (m/ft) From	To	Diameter (cm/in)
		<i>0'</i>	<i>23'</i>	<i>3.25"</i>

Business Name of Well Contractor <i>Strata Soil Sampling</i>		Well Contractor's Licence No. <i>7241</i>	
Business Address (Street Number/Name) <i>2-147 West Beaver Creek</i>		Municipality <i>Richmond Hill</i>	
Province <i>ON</i>	Postal Code <i>L4B1C6</i>	Business E-mail Address <i>wrecords@stratasoil.com</i>	
Bus. Telephone No. (inc. area code) <i>9057649304</i>		Name of Well Technician (Last Name, First Name) <i>Mait, Mike</i>	
Well Technician's Licence No. <i>3448</i>		Signature of Technician and/or Contractor <i>Mike Mait</i>	
		Date Submitted <i>2009/11/15</i>	



Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered YYYYMMDD <i>20091105</i>	<b>Ministry Use Only</b>	
	Date Work Completed YYYYMMDD <i>20091105</i>	Audit No. <b>2106621</b>	Received <b>DEC 21 2009</b>

Measurements recorded in:  Metric  Imperial

**A 092322** A092322

Regulation 903 Ontario Water Resources Act  
Page 2 of 3

Address of Well Location (Street Number/Name) **Tweedsmuir North of 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 **18 44 130 150 26945**

**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

**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' 0.5'	cement	
0.5' 9'	Benbrite	
9' 20'	sand	

**Method of Construction**

Cable Tool  Diamond  Rotary (Conventional)  Jetting  Rotary (Reverse)  Driving  Boring  Air percussion  Other, specify \_\_\_\_\_

**Well Use**

Public  Commercial  Not used  Domestic  Municipal  Dewatering  Livestock  Test Hole  Monitoring  Irrigation  Cooling & Air Conditioning  Industrial  Other, specify \_\_\_\_\_

**Results of Well Yield Testing**

After test of well yield, water was:  
 Clear and sand free  
 Other, specify \_\_\_\_\_

If pumping discontinued, give reason: \_\_\_\_\_

Pump intake set at (m/ft) \_\_\_\_\_

Pumping rate (l/min / GPM) \_\_\_\_\_

Duration of pumping \_\_\_\_\_ hrs + \_\_\_\_\_ min

Final water level end of pumping (m/ft) \_\_\_\_\_

If flowing give rate (l/min / GPM) \_\_\_\_\_

Recommended pump depth (m/ft) \_\_\_\_\_

Recommended pump rate (l/min / GPM) \_\_\_\_\_

Well production (l/min / GPM) \_\_\_\_\_

Disinfected?  Yes  No

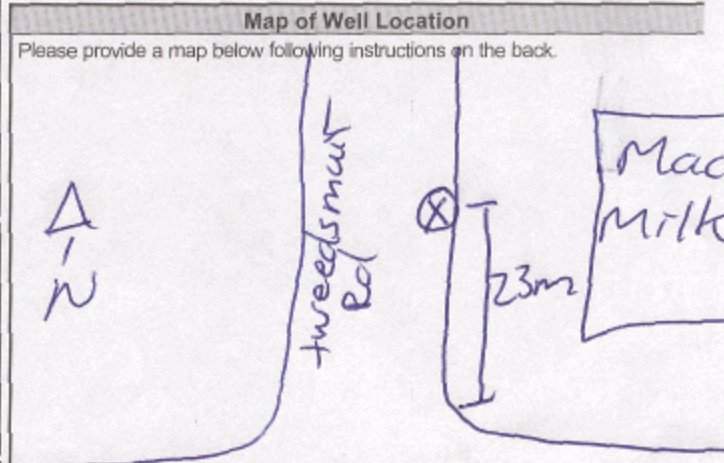
Time (min)	Draw Down		Recovery	
	Water Level (m/ft)	Time (min)	Water Level (m/ft)	Time (min)
1		1		
2		2		
3		3		
4		4		
5		5		
10		10		
15		15		
20		20		
25		25		
30		30		
40		40		
50		50		
60		60		

**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	
1.25"	Plastic	0.25"	0'	10'	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input 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
1.5"	Plastic	10	10'	20'



**Water Details**

Water found at Depth (m/ft)  Gas  Other, specify \_\_\_\_\_ Kind of Water:  Fresh  Untested

Water found at Depth (m/ft)  Gas  Other, specify \_\_\_\_\_ Kind of Water:  Fresh  Untested

Water found at Depth (m/ft)  Gas  Other, specify \_\_\_\_\_ Kind of Water:  Fresh  Untested

**Hole Diameter**

Depth (m/ft)	Diameter (cm/in)		
		From	To
0' 20'	3.25"		

**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) **2-147 West Beaver Creek Dr Richmond Hill** Municipality \_\_\_\_\_  
 Province **ON** Postal Code **L4B1C6** Business E-mail Address **wrecords@strataoil.com**  
 Bus. Telephone No. (inc. area code) **9057649304** Name of Well Technician (Last Name, First Name) **Mudt, Mike**  
 Well Technician's Licence No. **3448** Signature of Technician and/or Contractor **Mike Mudt** Date Submitted **2009/11/15**

Comments: \_\_\_\_\_

Well owner's information package delivered  Yes  No

Date Package Delivered **2009/11/05**

Date Work Completed **2009/11/05**

**Ministry Use Only**

Audit No. **2106622**

**DEC 21 2009**

Received

Measurements recorded in:  Metric  Imperial

**A 092413**

A092413

6859

Page 3 of 3

Address of Well Location (Street Number/Name) **Tweedsmuir R ~~North~~ Richmond Rd Ottawa** Township **Ottawa** Lot \_\_\_\_\_ Concession \_\_\_\_\_  
 County/District/Municipality **North** City/Town/Village **Ottawa** Province **Ontario** Postal Code \_\_\_\_\_  
 UTM Coordinates Zone Easting Northing Municipal Plan and Sublot Number Other  
 NAD 83 **184413085026953**

**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

**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' 0.5'	Cement	
0.5' 11'	Bentonite	
11' 22'	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	
	5	5		
Final water level end of pumping (m/ft)	10	10		
If flowing give rate (l/min / GPM)	15	15		
	20	20		
	25	25		
	30	30		
Recommended pump depth (m/ft)	40	40		
Recommended pump rate (l/min / GPM)	50	50		
Well production (l/min / GPM)	60	60		
Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No				

**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	
1.25"	Plastic	0.25"	0'	7'12"	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input 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**

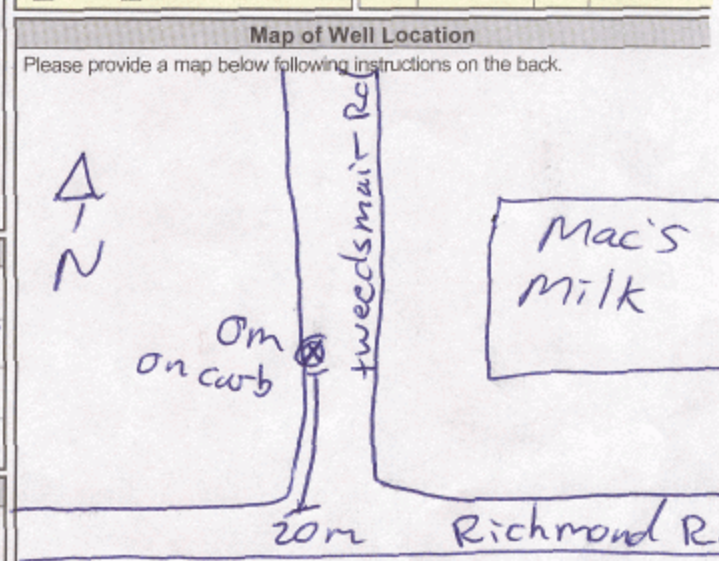
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
1.5"	Plastic	10	12'	22'

**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 _____	From To	
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	0' 22'	3.25"
	<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): **2-147 West Beaver Creek Dr Richmond Hill** Municipality: \_\_\_\_\_  
 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): **Muir, Mike**  
 Well Technician's Licence No.: **3448** Signature of Technician and/or Contractor: *[Signature]* Date Submitted: **2009/11/15**



Comments: \_\_\_\_\_

Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered Y Y Y Y M M D D	Ministry Use Only Audit No. <b>2106623</b> DEC 21 2009
	Date Work Completed 2009/11/05	

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## Map: Well records

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[Go Back to Map\(\)](#)

### Well ID

Well ID Number: 7139974

Well Audit Number: M05527

Well Tag Number: A074622

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

This well is part of a well cluster.

The information below is extracted from the cluster well record.

More information on the cluster well record (related to other wells in the cluster) [is also available.](#) (.)

## Well Location

<b>Address of Well Location</b>	TWEENMUIR AT CLARE ST
<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: 441295.00 Northing: 5026966.00

**Municipal Plan and Sublot Number**

**Other**

## Overburden and Bedrock Materials Interval

<b>General Colour</b>	<b>Most Common Material</b>	<b>Other Materials</b>	<b>General Description</b>	<b>Depth From</b>	<b>Depth To</b>

## Annular Space/Abandonment Sealing Record

<b>Depth From</b>	<b>Depth To</b>	<b>Type of Sealant Used (Material and Type)</b>	<b>Volume Placed</b>
		BENTONITE	

## Method of Construction & Well Use

<b>Method of Construction</b>	<b>Well Use</b>
HSA	

# Status of Well

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
	STEEL		4.5 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
		4.5 m	6.1 m

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 1844

## Results of Well Yield Testing

After test of well yield, water was

<b>If pumping discontinued, give reason</b>	
<b>Pump intake set at</b>	
<b>Pumping Rate</b>	
<b>Duration of Pumping</b>	
<b>Final water level</b>	
<b>If flowing give rate</b>	
<b>Recommended pump depth</b>	
<b>Recommended pump rate</b>	
<b>Well Production</b>	
<b>Disinfected?</b>	N

## Draw Down & Recovery

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
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
	6.1 m	20 cm

**Audit Number:** M05527

**Date Well Completed:** August 14, 2009

**Date Well Record Received by MOE:** February 16, 2010

Updated: July 21, 2021  
Published: April 16, 2021

## Related

How to use a Ministry of the Environment map (</page/how-use-ministry-environment-map#wells>)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

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[Go Back to Map\(\)](#)

### Well ID

Well ID Number: 7224473

Well Audit Number: C22339

Well Tag Number: A147227

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

# Well Location

<b>Address of Well Location</b>	
<b>Township</b>	NEPEAN TOWNSHIP
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 441131.00 Northing: 5026894.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

# Overburden and Bedrock Materials Interval

<b>General Colour</b>	<b>Most Common Material</b>	<b>Other Materials</b>	<b>General Description</b>	<b>Depth From</b>	<b>Depth To</b>

## Annular Space/Abandonment Sealing Record

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

## Method of Construction & Well Use

Method of Construction	Well Use

## Status of Well

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 6964

## Results of Well Yield Testing

<b>After test of well yield, water was</b>
<b>If pumping discontinued, give reason</b>
<b>Pump intake set at</b>
<b>Pumping Rate</b>
<b>Duration of Pumping</b>
<b>Final water level</b>

**If flowing give rate**

**Recommended pump depth**

**Recommended pump rate**

**Well Production**

**Disinfected?**

## **Draw Down & Recovery**

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
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

**Audit Number:** C22339

**Date Well Completed:** May 12, 2014

**Date Well Record Received by MOE:** July 24, 2014

Updated: July 21, 2021  
Published: April 16, 2021

## Related

How to use a Ministry of the Environment map (</page/how-use-ministry-environment-map#wells>)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

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## Map: Well records

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### Well ID

Well ID Number: 7242470

Well Audit Number: C28556

Well Tag Number: A147242

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

# Well Location

<b>Address of Well Location</b>	
<b>Township</b>	NEPEAN TOWNSHIP
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 441276.00 Northing: 5026910.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

# Overburden and Bedrock Materials Interval

<b>General Colour</b>	<b>Most Common Material</b>	<b>Other Materials</b>	<b>General Description</b>	<b>Depth From</b>	<b>Depth To</b>

## Annular Space/Abandonment Sealing Record

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

## Method of Construction & Well Use

Method of Construction	Well Use

## Status of Well

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 6964

## Results of Well Yield Testing

<b>After test of well yield, water was</b>
<b>If pumping discontinued, give reason</b>
<b>Pump intake set at</b>
<b>Pumping Rate</b>
<b>Duration of Pumping</b>
<b>Final water level</b>

**If flowing give rate**

**Recommended pump depth**

**Recommended pump rate**

**Well Production**

**Disinfected?**

## **Draw Down & Recovery**

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
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

**Audit Number:** C28556

**Date Well Completed:** November 11, 2014

**Date Well Record Received by MOE:** June 05, 2015

Updated: July 21, 2021  
Published: April 16, 2021

## Related

How to use a Ministry of the Environment map (/page/how-use-ministry-environment-map#wells)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

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[Go Back to Map\(\)](#)

### Well ID

Well ID Number: 7295741

Well Audit Number: Z206434

Well Tag Number: A182735

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

# Well Location

<b>Address of Well Location</b>	255 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: 441261.00 Northing: 5026970.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

# Overburden and Bedrock Materials Interval

<b>General Colour</b>	<b>Most Common Material</b>	<b>Other Materials</b>	<b>General Description</b>	<b>Depth From</b>	<b>Depth To</b>

BLCK		GRVL	DNSE	0 ft	.31 ft
BRWN	SAND	STNS		.31 ft	3.35 ft
BLCK	CLAY	SILT	SOFT	3.35 ft	4.57 ft
GREY	LMSN		LYRD	4.57 ft	7.62 ft

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	.31 ft	FLUSHMOUNT	
.31 ft	5.18 ft	BENTONITE	
5.18 ft	7.62 ft	FILTER SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	
	Test Hole

# Status of Well

Monitoring and Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 inch	PLASTIC	0 ft	5.49 ft

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 inch	PLASTIC	5.49 ft	7.62 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**

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
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**

<b>Water Found at Depth</b>	<b>Kind</b>


### Hole Diameter

Depth From	Depth To	Diameter
0 ft	4.57 ft	11.43 inch
4.57 ft	7.62 ft	7.62 inch

**Audit Number:** Z206434

**Date Well Completed:** August 04, 2017

**Date Well Record Received by MOE:** September 29, 2017

Updated: July 21, 2021  
Published: April 16, 2021

### Related

How to use a Ministry of the Environment map (/page/how-use-ministry-environment-map#wells)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

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Measurements recorded in:  Metric  Imperial

A182638

Tag#: A182638

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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 (m³/ft³)

Method of Construction and Well Use checkboxes

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

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

Water Details and Hole Diameter tables

Well Contractor and Well Technician Information form

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

Map of Well Location section with a hand-drawn map of the well location



Measurements recorded in:  Metric  Imperial

2182639

Tag#: A182639

3-201982 Page \_\_\_\_ of \_\_\_\_

Well Owner's Information

First Name, Last Name / Organization (255 Richmond Road Holdings), E-mail Address, Mailing Address (Street Number/Name), Municipality (Oranienburg), Province (ON), Postal Code, Telephone No. (inc. area code)

Well Location

Address of Well Location (Street Number/Name), Township, Lot, Concession, County/District/Municipality, City/Town/Village, Province (Ontario), 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. Rows include asphalt, gravel, sand, shale, limestone.

Annular Space table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³). Rows include concrete flushment, bentonite, filter sand.

Method of Construction and Well Use checkboxes. Includes Cable Tool, Rotary, Boring, Air percussion, Diamond, Jetting, Driving, Digging, Public, Commercial, Not used, Domestic, Municipal, Dewatering, Livestock, Test Hole, Monitoring, Irrigation, Cooling & Air Conditioning, Industrial, Other.

Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel), Wall Thickness (cm/in), Depth (m/ft) From, To, Status of Well. Rows include PVC casing from 0 to 7.31 m.

Construction Record - Screen table with columns: Outside Diameter (cm/in), Material (Plastic, Galvanized, Steel), Slot No., Depth (m/ft) From, To, Status of Well. Rows include PVC screen from 7.31 to 10.36 m.

Water Details and Hole Diameter tables. Water Details includes depth and kind of water (Fresh, Untested, Gas, Other). Hole Diameter includes depth and diameter.

Well Contractor and Well Technician Information. Includes Business Name of Well Contractor (Strata Drilling Group), Well Contractor's Licence No. (7121911), Business Address (165 Shales Court), Municipality (Markham), Province (ON), Postal Code (L3R 9V8), Business E-mail Address (wrecord@strataoil.com), Bus. Telephone No. (905 940 1919), Name of Well Technician (M. Jay, JAMES), Well Technician's Licence No. (1316516), Signature of Technician and/or Contractor, Date Submitted (24/11/2010/20).

Results of Well Yield Testing table. Includes After test of well yield, water was (Clear and sand free, Other), Draw Down (Time, Water Level), Recovery (Time, Water Level), Pumping rate, Duration of pumping, Final water level end of pumping, If flowing give rate, Recommended pump depth, Recommended pump rate, Well production, Disinfected? (Yes/No).

Map of Well Location. Includes instructions: 'Please provide a map below following instructions on the back.' and a hand-drawn map showing a well location on Richmond Road, marked with '255' and '2m'.

Ministry Use Only section. Includes Audit No. (206459), Date Package Delivered (7/2/11), Date Work Completed (20/11/10/16), and date DEC 05 2017.



Measurements recorded in:  Metric  Imperial

A182631 Tag#: A182631

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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, Water Level

Method of Construction and Well Use checkboxes

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

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

Water Details and Hole Diameter tables

Map of Well Location with a hand-drawn diagram showing a well location on Richmond Road.

Well Contractor and Well Technician Information form with fields for Business Name, Licence No., Address, Province, Postal Code, Business E-mail Address, Bus. Telephone No., Name of Well Technician, Well Technician's Licence No., Signature, Date Submitted

Ministry Use Only form with fields for Audit No., Date Package Delivered, Date Work Completed, Received

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## Map: Well records

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---

[Go Back to Map\(\)](#)

### Well ID

Well ID Number: 7317351

Well Audit Number: Z286616

Well Tag Number: A215721

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

# Well Location

<b>Address of Well Location</b>	277 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: 441184.00 Northing: 5026926.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

# Overburden and Bedrock Materials Interval

<b>General Colour</b>	<b>Most Common Material</b>	<b>Other Materials</b>	<b>General Description</b>	<b>Depth From</b>	<b>Depth To</b>



GREY	----	0 ft
BRWN	FSND	
GREY	SHLE	

## 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	4 ft	HOLEPLUG	
4 ft	15 ft	SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Diamond	Monitoring
	Test Hole

## Status of Well

Test Hole

## Construction Record - Casing

<b>Inside Diameter</b>	<b>Open Hole or material</b>	<b>Depth From</b>	<b>Depth To</b>
1.38 inch	PLASTIC	0 ft	5 ft

## Construction Record - Screen

<b>Outside Diameter</b>	<b>Material</b>	<b>Depth From</b>	<b>Depth To</b>
1.66 inch	PLASTIC	5 ft	15 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**

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
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	11 ft	2.875 inch
11 ft	15 ft	2.25 inch

**Audit Number:** Z286616

**Date Well Completed:** May 15, 2018

**Date Well Record Received by MOE:** August 20, 2018

Updated: July 21, 2021  
Published: April 16, 2021

## Related

How to use a Ministry of the Environment map (</page/how-use-ministry-environment-map#wells>)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

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### Well ID

Well ID Number: 7317352

Well Audit Number: Z286614

Well Tag Number: A215720

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

# Well Location

<b>Address of Well Location</b>	281 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: 441175.00 Northing: 5026918.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

# Overburden and Bedrock Materials Interval

<b>General Colour</b>	<b>Most Common Material</b>	<b>Other Materials</b>	<b>General Description</b>	<b>Depth From</b>	<b>Depth To</b>



GREY	----		0 ft	1 ft
BRWN	FSND	CLAY	1 ft	11 ft
GREY	SHLE		11 ft	15 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	4 ft	HOLEPLUG	
4 ft	15 ft	SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Diamond	Monitoring
	Test Hole

## Status of Well

Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.38 inch	PLASTIC	0 ft	5 ft

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.66 inch	PLASTIC	5 ft	15 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**

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
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	11 ft	2.875 inch
11 ft	15 ft	2.25 inch

**Audit Number:** Z286614

**Date Well Completed:** May 15, 2018

**Date Well Record Received by MOE:** August 20, 2018

Updated: July 21, 2021  
Published: April 16, 2021

## Related

How to use a Ministry of the Environment map (</page/how-use-ministry-environment-map#wells>)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

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### Well ID

Well ID Number: 7336502

Well Audit Number: C30164

Well Tag Number: A251269

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

# Well Location

<b>Address of Well Location</b>	
<b>Township</b>	OTTAWA CITY
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 441251.00 Northing: 5026956.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

# Overburden and Bedrock Materials Interval

<b>General Colour</b>	<b>Most Common Material</b>	<b>Other Materials</b>	<b>General Description</b>	<b>Depth From</b>	<b>Depth To</b>



## Annular Space/Abandonment Sealing Record

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

## Method of Construction & Well Use

Method of Construction	Well Use

## Status of Well

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 1844

## Results of Well Yield Testing

<b>After test of well yield, water was</b>
<b>If pumping discontinued, give reason</b>
<b>Pump intake set at</b>
<b>Pumping Rate</b>
<b>Duration of Pumping</b>
<b>Final water level</b>

**If flowing give rate**

**Recommended pump depth**

**Recommended pump rate**

**Well Production**

**Disinfected?**

## **Draw Down & Recovery**

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
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

**Audit Number:** C30164

**Date Well Completed:** June 04, 2019

**Date Well Record Received by MOE:** July 08, 2019

Updated: July 21, 2021  
Published: April 16, 2021

## Related

How to use a Ministry of the Environment map (/page/how-use-ministry-environment-map#wells)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

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### 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

<b>General Colour</b>	<b>Most Common Material</b>	<b>Other Materials</b>	<b>General Description</b>	<b>Depth From</b>	<b>Depth To</b>



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

## 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**

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
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: July 21, 2021  
Published: April 16, 2021

## Related

How to use a Ministry of the Environment map (</page/how-use-ministry-environment-map#wells>)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

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### 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

<b>General Colour</b>	<b>Most Common Material</b>	<b>Other Materials</b>	<b>General Description</b>	<b>Depth From</b>	<b>Depth To</b>



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

## 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**

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
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: July 21, 2021  
Published: April 16, 2021

## Related

How to use a Ministry of the Environment map (</page/how-use-ministry-environment-map#wells>)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

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## Joshua Dempsey

---

**From:** Public Information Services <publicinformationsservices@tssa.org>  
**Sent:** August 26, 2021 3:28 PM  
**To:** Joshua Dempsey  
**Subject:** RE: Records Search Request (PE5428)

**Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.**

### **NO RECORD FOUND**

Hello Joshua,

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> and email the completed form to [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org) along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

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.

Kind regards,

Mariah



### **Public Information Agent**

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)

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



---

**From:** Joshua  
Dempsey

<JDempsey@Patersongroup.ca>

**Sent:** August 26, 2021 3:21 PM

**To:** Public Information Services <publicinformationsservices@tssa.org>

**Subject:** Records Search Request (PE5428)

**[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:

Athlone Ave: 422, 436, 440, 444

Wesley Ave: 273, 277, 280

Byron Ave: 414, 426, 428

Cheers,

Joshua Dempsey, B.Sc.

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

154 Colonnade Road South  
Ottawa, Ontario, K2E 7J5  
Cell: (343) 996 - 3150

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

October 13, 2021  
File: PE5428-HLUI

**City of Ottawa**  
110 Laurier Avenue W  
Ottawa, Ontario  
K1P 1J1

Geotechnical Engineering  
Environmental Engineering  
Hydrogeology  
Geological Engineering  
Materials Testing  
Building Science  
Archaeological Services

[www.patersongroup.ca](http://www.patersongroup.ca)

Subject: **Authorization Letter, HLUI Search  
Phase I-Environmental Site Assessment  
436 Athlone, Ottawa ON**

Dear Sir or Madame,

Please consider this letter as confirmation that Paterson Group has been retained to conduct a Phase I-Environmental Site Assessment at the aforementioned property.

With this letter, the property owner authorizes the City of Ottawa and other regulatory bodies to release, to Paterson Group, information requested for the purpose of completing an environmental assessment of the property.

**Name of Company/Property Owner:**

2707120 Ontario Inc.

**Name of Representative**

Sameh Mansour

**Signature of Representative**



**Date**

October 19, 2021



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# DATABASE REPORT

**Project Property:** *PE5428 - Phase I ESA - 436 Athlone Avenue*  
*436 Athlone Avenue*  
*Ottawa ON K1Z 5M7*

**Project No:** *PE5428*

**Report Type:** *Standard Report*

**Order No:** *21082501304*

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

**Date Completed:** *August 30, 2021*

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# Executive Summary

## Property Information:

**Project Property:** PE5428 - Phase I ESA - 436 Athlone Avenue  
436 Athlone Avenue Ottawa ON K1Z 5M7

**Project No:** PE5428

## **Coordinates:**

**Latitude:** 45.3916376  
**Longitude:** -75.7501064  
**UTM Northing:** 5,026,731.51  
**UTM Easting:** 441,284.30  
**UTM Zone:** 18T

**Elevation:** 231 FT  
70.52 M

## Order Information:

**Order No:** 21082501304  
**Date Requested:** August 25, 2021  
**Requested by:** Paterson Group Inc.  
**Report Type:** Standard Report

## Historical/Products:

## 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	1	1
CA	<i>Certificates of Approval</i>	Y	0	4	4
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
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	4	4
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	30	30
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	11	11
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	16	16
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	2	2
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	9	9
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	3	3
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Within 0.25 km</b>	<b>Total</b>
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	2	2
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &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
OGW	<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	1	1
PINC	<i>Pipeline Incidents</i>	Y	0	9	9
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	2	2
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	1	1
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	1	1
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	8	8
SPL	<i>Ontario Spills</i>	Y	0	16	16
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	17	17
<b>Total:</b>			0	137	137

## 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

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">1</a>	CA	OTTAWA CITY - PT.LOT 31, CONC. 1	ATHLONE AVE./BYRON AVE. OTTAWA CITY ON	NNE/34.6	0.00	<a href="#">36</a>
<a href="#">2</a>	SPL		424 Athlone St Ottawa ON	NW/64.7	-0.68	<a href="#">36</a>
<a href="#">2</a>	PINC	GARY PATRICK GEHL	424 ATHLONE AVE.,OTTAWA,ON,K1Z 5M5,CA ON	NW/64.7	-0.68	<a href="#">36</a>
<a href="#">3</a>	SPL		442 Tweedsmuir Ave Ottawa ON	E/73.0	-0.07	<a href="#">37</a>
<a href="#">4</a>	PINC	BEAVER CONSTRUCTION GROUP INC	422 ATHLONE AVE.,OTTAWA,ON,K1Z 5M5,CA ON	NNW/81.4	-0.69	<a href="#">37</a>
<a href="#">5</a>	CA	OTTAWA CITY	EDGEWOOD AVE./LINCOLN AVE. OTTAWA CITY ON	WNW/86.1	-0.64	<a href="#">38</a>
<a href="#">6</a>	PINC	ZONE 5 LANDSCAPING INC	409 EDGEWOOD AVE.,OTTAWA,ON,K1Z 5K6,CA ON	NW/121.6	-1.69	<a href="#">38</a>
<a href="#">6</a>	SPL	Enbridge Gas Distribution Inc.	409 Edgewood Avenue Ottawa ON	NW/121.6	-1.69	<a href="#">39</a>
<a href="#">7</a>	SPL	Enbridge Gas Distribution Inc.	412 Edgewood Avenue Ottawa ON	WNW/129.3	-0.96	<a href="#">39</a>
<a href="#">7</a>	PINC	PIPELINE HIT 1/2"	412 EDGEWOOD AVE.,OTTAWA,ON,K1Z 5K5,CA ON	WNW/129.3	-0.96	<a href="#">40</a>
<a href="#">8</a>	PINC		412 Tweedsmuir Ave. Ottawa ON	NNE/141.5	-1.70	<a href="#">40</a>
<a href="#">9</a>	PINC		384 Byron Avenue, Ottawa ON	ENE/148.9	-0.86	<a href="#">41</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="#">10</a>	HINC		464 EVERED AVENUE OTTAWA ON K1Z 5K8	SSW/154.9	2.38	<a href="#">41</a>
<a href="#">11</a>	EHS		Integrated - Byron, Highcroft, Athalone Ottawa ON	ESE/155.4	2.45	<a href="#">41</a>
<a href="#">11</a>	EHS		Integrated - Byron, Highcroft, Athalone Ottawa ON	ESE/155.4	2.45	<a href="#">42</a>
<a href="#">11</a>	EHS		Integrated - Byron, Highcroft, Athalone Ottawa ON	ESE/155.4	2.45	<a href="#">42</a>
<a href="#">11</a>	EHS		Integrated - Byron, Highcroft, Athalone Ottawa ON	ESE/155.4	2.45	<a href="#">42</a>
<a href="#">11</a>	EHS		Integrated - Byron, Highcroft, Athalone Ottawa ON	ESE/155.4	2.45	<a href="#">42</a>
<a href="#">12</a>	SPL	8596239 Canada Inc. <UNOFFICIAL>	400 Athlone Ave Ottawa ON	NNW/158.0	-1.64	<a href="#">43</a>
<a href="#">13</a>	SPL	Enbridge Gas Distribution Inc.	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	NNE/169.6	-1.94	<a href="#">43</a>
<a href="#">13</a>	INC		415 Tweedsmuir Avenue, Ottawa ON K1Z 5N6	NNE/169.6	-1.94	<a href="#">43</a>
<a href="#">13</a>	EHS		415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	NNE/169.6	-1.94	<a href="#">44</a>
<a href="#">13</a>	EHS		415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	NNE/169.6	-1.94	<a href="#">44</a>
<a href="#">13</a>	EHS		415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	NNE/169.6	-1.94	<a href="#">45</a>
<a href="#">13</a>	EHS		415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	NNE/169.6	-1.94	<a href="#">45</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="#">13</a>	EHS		415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	NNE/169.6	-1.94	<a href="#">45</a>
<a href="#">13</a>	EHS		415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	NNE/169.6	-1.94	<a href="#">45</a>
<a href="#">14</a>	PINC	ENBRIDGE GAS INC	401 EDEN AVE.,OTTAWA,ON,K1Z 5J1,CA ON	WNW/177.1	-1.56	<a href="#">45</a>
<a href="#">15</a>	WWIS		ON <b>Well ID:</b> 7242470	N/178.7	-2.21	<a href="#">46</a>
<a href="#">16</a>	EHS		288 Richmond Road Ottawa ON K1Z 6X5	NW/180.5	-1.56	<a href="#">47</a>
<a href="#">17</a>	EHS		270 Richmond Rd Ottawa ON K1Z6X2	NNW/193.9	-1.93	<a href="#">47</a>
<a href="#">18</a>	WWIS		298 Richmond Road Ottawa ON <b>Well ID:</b> 7346073	NW/194.3	-1.56	<a href="#">47</a>
<a href="#">19</a>	WWIS		298 Richmond Road Ottawa ON <b>Well ID:</b> 7346074	WNW/194.6	-2.31	<a href="#">50</a>
<a href="#">20</a>	SPL	SUNOCO	256 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6W9	N/199.2	-2.71	<a href="#">53</a>
<a href="#">20</a>	PRT	C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	N/199.2	-2.71	<a href="#">54</a>
<a href="#">20</a>	CA	C CORP (ONTARIO) INC.	256 RICHMOND ROAD, WINKS, SWM OTTAWA CITY ON K1Z 6W9	N/199.2	-2.71	<a href="#">54</a>
<a href="#">20</a>	FSTH	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	N/199.2	-2.71	<a href="#">54</a>
<a href="#">20</a>	GEN	MACS CONVENIENCE STORES INC.	256 RICHMOND RD., OTTAWA ON K1Z 6W9	N/199.2	-2.71	<a href="#">55</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="#">20</a>	FSTH	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	N/199.2	-2.71	<a href="#">55</a>
<a href="#">20</a>	DTNK	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	N/199.2	-2.71	<a href="#">56</a>
<a href="#">20</a>	DTNK	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	N/199.2	-2.71	<a href="#">56</a>
<a href="#">20</a>	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N/199.2	-2.71	<a href="#">57</a>
<a href="#">20</a>	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N/199.2	-2.71	<a href="#">57</a>
<a href="#">20</a>	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N/199.2	-2.71	<a href="#">58</a>
<a href="#">20</a>	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N/199.2	-2.71	<a href="#">58</a>
<a href="#">20</a>	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N/199.2	-2.71	<a href="#">58</a>
<a href="#">20</a>	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N/199.2	-2.71	<a href="#">59</a>
<a href="#">20</a>	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N/199.2	-2.71	<a href="#">59</a>
<a href="#">20</a>	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N/199.2	-2.71	<a href="#">60</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="#">20</a>	INC	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD,AT TWEEDSMUIR AVE,OTTAWA,ON,K1Z 6W9,CA ON	N/199.2	-2.71	<a href="#">60</a>
<a href="#">20</a>	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N/199.2	-2.71	<a href="#">61</a>
<a href="#">20</a>	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N/199.2	-2.71	<a href="#">61</a>
<a href="#">20</a>	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N/199.2	-2.71	<a href="#">62</a>
<a href="#">20</a>	FST		256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	N/199.2	-2.71	<a href="#">62</a>
<a href="#">20</a>	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N/199.2	-2.71	<a href="#">63</a>
<a href="#">20</a>	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N/199.2	-2.71	<a href="#">63</a>
<a href="#">20</a>	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N/199.2	-2.71	<a href="#">64</a>
<a href="#">21</a>	EHS		404 Eden Avenue Ottawa ON	WNW/200.5	-1.72	<a href="#">64</a>
<a href="#">22</a>	EHS		238 Richmond Rd Ottawa ON K1Z6W6	NNE/208.9	-2.66	<a href="#">64</a>
<a href="#">23</a>	WWIS		TWEEDSMURI NORTH OF RICHMOND RD. Ottawa ON <b>Well ID:</b> 7136558	N/214.1	-2.72	<a href="#">65</a>
<a href="#">24</a>	WWIS		281 RICHMOND RD Ottawa ON <b>Well ID:</b> 7317352	NW/216.2	-2.74	<a href="#">67</a>
<a href="#">25</a>	GEN	Cassone Construction	300 Richmond Rd. Ottawa ON	WNW/217.9	-1.78	<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="#">26</a>	WWIS		277 RICHMOND RD Ottawa ON <i>Well ID:</i> 7317351	NW/218.8	-2.66	<a href="#">70</a>
<a href="#">27</a>	WWIS		ON <i>Well ID:</i> 1508932	NNE/220.4	-2.70	<a href="#">73</a>
<a href="#">28</a>	BORE		ON	NNE/220.6	-2.70	<a href="#">76</a>
<a href="#">29</a>	WWIS		TWEEDSMUIR R NORTH OF RICHMOND RD. ON <i>Well ID:</i> 7136559	N/222.8	-2.68	<a href="#">77</a>
<a href="#">30</a>	WWIS		ON <i>Well ID:</i> 7224473	NW/223.4	-2.64	<a href="#">79</a>
<a href="#">31</a>	EHS		439 Churchill Avenue North Ottawa ON K1Z 5E1	WSW/225.0	1.17	<a href="#">80</a>
<a href="#">32</a>	HINC		267 Richmond Rd OTTAWA ON	NNW/225.8	-2.66	<a href="#">80</a>
<a href="#">32</a>	GEN	850676 ontario Limited	267 Richmond Rd. Ottawa ON K1Z 6X3	NNW/225.8	-2.66	<a href="#">80</a>
<a href="#">32</a>	EHS		267 Richmond Road Ottawa ON K1Z 6X3	NNW/225.8	-2.66	<a href="#">81</a>
<a href="#">32</a>	EHS		267 Richmond Road Ottawa ON K1Z 6X3	NNW/225.8	-2.66	<a href="#">81</a>
<a href="#">32</a>	EHS		267 Richmond Road Ottawa ON K1Z 6X3	NNW/225.8	-2.66	<a href="#">81</a>
<a href="#">32</a>	EHS		267 Richmond Road Ottawa ON K1Z 6X3	NNW/225.8	-2.66	<a href="#">81</a>
<a href="#">32</a>	EHS		267 Richmond Road Ottawa ON K1Z 6X3	NNW/225.8	-2.66	<a href="#">81</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="#">33</a>	WWIS		ON <b>Well ID:</b> 7336502	NNW/226.9	-2.71	<a href="#">82</a>
<a href="#">34</a>	SCT	Forbie Activewear	314 Richmond Rd Ottawa ON K1Z 6X6	WNW/227.4	-1.79	<a href="#">82</a>
<a href="#">35</a>	WWIS		TWEEDSMUIR NORTH OF RICHMOND RD. Ottawa ON <b>Well ID:</b> 7136557	NNW/228.3	-2.67	<a href="#">83</a>
<a href="#">36</a>	HINC		213 WESLEY AVENUE OTTAWA ON K1Z 7A2	ENE/228.5	-0.68	<a href="#">85</a>
<a href="#">37</a>	WWIS		255 RICHMOND RD OTTAWA ON <b>Well ID:</b> 7300861	NNW/232.2	-2.71	<a href="#">86</a>
<a href="#">38</a>	SPL	MOTOR VEHICLE	259 RICHMOND RD. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Z 6X1	NNW/232.6	-2.71	<a href="#">88</a>
<a href="#">39</a>	WWIS		TWEENMUIR AT CLARE ST Ottawa ON <b>Well ID:</b> 7139974	N/234.7	-2.68	<a href="#">89</a>
<a href="#">40</a>	PES	P. & T. EQUIPMENT	311 RICHMOND ROAD, SUITE 308 OTTAWA ON K1Z 6X3	WNW/235.1	-1.60	<a href="#">95</a>
<a href="#">40</a>	SCT	GEVC Interactive Inc.	311 Richmond Rd Suite 204 Ottawa ON K1Z 6X3	WNW/235.1	-1.60	<a href="#">96</a>
<a href="#">41</a>	GEN	HYBRID PHRARM INC	318 RICHMOND RD OTTAWA ON K1Z6X6	WNW/235.2	-1.79	<a href="#">96</a>
<a href="#">41</a>	GEN	HYBRID PHRARM INC	318 RICHMOND RD OTTAWA ON K1Z6X6	WNW/235.2	-1.79	<a href="#">96</a>
<a href="#">41</a>	GEN	HYBRID PHRARM INC	318 RICHMOND RD OTTAWA ON K1Z6X6	WNW/235.2	-1.79	<a href="#">97</a>
<a href="#">42</a>	SPL	PETRO-CANADA	236 RICHMOND ROAD SERVICE STATION OTTAWA CITY ON K1Z 6W6	NNE/235.2	-2.67	<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>
<a href="#">42</a>	PRT	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	NNE/235.2	-2.67	<a href="#">98</a>
<a href="#">42</a>	RST	NICK'S SERVICE CENTRE	236 RICHMOND RD OTTAWA ON K1Z6W6	NNE/235.2	-2.67	<a href="#">98</a>
<a href="#">42</a>	DTNK	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	NNE/235.2	-2.67	<a href="#">98</a>
<a href="#">42</a>	DTNK	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON	NNE/235.2	-2.67	<a href="#">98</a>
<a href="#">42</a>	FST	BELWINDY ENT LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE/235.2	-2.67	<a href="#">99</a>
<a href="#">42</a>	FST	BELWINDY ENT LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE/235.2	-2.67	<a href="#">99</a>
<a href="#">42</a>	FST	BELWINDY ENT LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE/235.2	-2.67	<a href="#">100</a>
<a href="#">42</a>	SPL	Enbridge Gas Distribution Inc.	238 Richmond Road Ottawa ON	NNE/235.2	-2.67	<a href="#">100</a>
<a href="#">42</a>	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE/235.2	-2.67	<a href="#">101</a>
<a href="#">42</a>	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE/235.2	-2.67	<a href="#">101</a>
<a href="#">42</a>	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE/235.2	-2.67	<a href="#">102</a>
<a href="#">42</a>	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE/235.2	-2.67	<a href="#">102</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="#">42</a>	RSC	TWEEDSMUIR AND MAIN URBAN PROPERTIES INC.	236 RICHMOND ROAD, OTTAWA, ON K1Z 6W6 Ottawa ON	NNE/235.2	-2.67	<a href="#">102</a>
<a href="#">42</a>	GEN	Tweedsmuir and Main Urban Properties Inc.	236 RICHMOND ROAD OTTAWA ON K1Z 6W6	NNE/235.2	-2.67	<a href="#">103</a>
<a href="#">42</a>	EHS		236 Richmond Rd Ottawa ON K1Z6W6	NNE/235.2	-2.67	<a href="#">104</a>
<a href="#">42</a>	EHS		236 Richmond Road Ottawa ON K1Z 6W6	NNE/235.2	-2.67	<a href="#">104</a>
<a href="#">42</a>	EHS		236 Richmond Road Ottawa ON K1Z 6W6	NNE/235.2	-2.67	<a href="#">104</a>
<a href="#">42</a>	EHS		236 Richmond Road Ottawa ON K1Z 6W6	NNE/235.2	-2.67	<a href="#">104</a>
<a href="#">42</a>	EXP		236 RICHMOND RD OTTAWA K1Z 6W6 ON	NNE/235.2	-2.67	<a href="#">105</a>
<a href="#">42</a>	FST	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE/235.2	-2.67	<a href="#">105</a>
<a href="#">42</a>	FST	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE/235.2	-2.67	<a href="#">105</a>
<a href="#">42</a>	FST	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE/235.2	-2.67	<a href="#">106</a>
<a href="#">42</a>	FST	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE/235.2	-2.67	<a href="#">106</a>
<a href="#">42</a>	PINC	PIPELINE HIT - 1"	238 RICHMOND ROAD,,OTTAWA,ON,K1Z 6W6,CA ON	NNE/235.2	-2.67	<a href="#">107</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="#">42</a>	EHS		236 Richmond Road Ottawa ON K1Z 6W6	NNE/235.2	-2.67	<a href="#">107</a>
<a href="#">43</a>	EHS		236 Richmond Road Ottawa ON K1Z 6W6	NNE/235.3	-2.67	<a href="#">108</a>
<a href="#">43</a>	EHS		236 Richmond Road Ottawa ON K1Z 6W6	NNE/235.3	-2.67	<a href="#">108</a>
<a href="#">44</a>	WWIS		255 RICHMOND ROAD Ottawa ON <i>Well ID: 7295741</i>	N/239.6	-2.71	<a href="#">108</a>
<a href="#">45</a>	EHS		277 Richmond Rd Ottawa On Ottawa ON K1Z6X3	NW/240.8	-2.64	<a href="#">111</a>
<a href="#">46</a>	WWIS		255 RICHMOND ROAD Ottawa ON <i>Well ID: 7115803</i>	N/242.0	-2.71	<a href="#">111</a>
<a href="#">47</a>	SPL	PRIVATE OWNER	490 EVERED ST. OTTAWA. STORAGE TANK/BARREL OTTAWA CITY ON K1Z 5K8	S/242.3	3.38	<a href="#">114</a>
<a href="#">48</a>	SCT	Y'S OWL CO-OPERATIVE INC	290 PICTON AVE OTTAWA ON K1Z 8P8	NW/243.2	-2.49	<a href="#">115</a>
<a href="#">48</a>	SCT	Orezone Resources Inc.	290 Picton St Suite 201 Ottawa ON K1Z 8P8	NW/243.2	-2.49	<a href="#">115</a>
<a href="#">48</a>	SCT	Apption Software Inc.	290 Picton Ave Suite 104 Ottawa ON K1Z 8P8	NW/243.2	-2.49	<a href="#">115</a>
<a href="#">48</a>	SCT	Orezone Gold Corporation	290 Picton Ave Suite 201 Ottawa ON K1Z 8P8	NW/243.2	-2.49	<a href="#">116</a>
<a href="#">49</a>	CA	OTTAWA CITY	RICHMOND RD./TWEEDSMUIR AVE. OTTAWA CITY ON	N/243.9	-2.70	<a href="#">116</a>
<a href="#">49</a>	SPL	City of Ottawa	corner of Tweedsmuir Ave & Richmond Road Ottawa ON	N/243.9	-2.70	<a href="#">116</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="#">49</a>	GEN	City of Ottawa	Richmond Rd at Tweedsmuir Avenue Right-of-way Ottawa ON K1Z 6W7	N/243.9	-2.70	<a href="#">117</a>
<a href="#">49</a>	GEN	City of Ottawa	Richmond Rd at Tweedsmuir Avenue Right-of-way Ottawa ON K1Z 6W7	N/243.9	-2.70	<a href="#">117</a>
<a href="#">50</a>	SPL	Enbridge Gas Distribution Inc.	263 Richmond Rd Ottawa ON	NNW/244.4	-2.67	<a href="#">117</a>
<a href="#">51</a>	SPL	ULTRAMAR	261 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6X1	NNW/244.5	-2.67	<a href="#">118</a>
<a href="#">51</a>	SCT	Rose Drapery Ltd.	261 Richmond Rd Ottawa ON K1Z 6X1	NNW/244.5	-2.67	<a href="#">118</a>
<a href="#">52</a>	WWIS		255 RICHMOND RD OTTAWA ON <b>Well ID:</b> 7300859	N/245.0	-2.71	<a href="#">118</a>
<a href="#">53</a>	PINC	PIPELINE HIT - 1/2"	498 TWEEDSMUIR AVE,,OTTAWA,ON, K1Z 5N9,CA ON	SE/246.7	3.32	<a href="#">121</a>
<a href="#">54</a>	SCT	Valberg Imaging	322 Richmond Rd Ottawa ON K1Z 6X6	W/247.4	-0.74	<a href="#">122</a>
<a href="#">54</a>	EHS		322 Richmond Rd Ottawa ON K1Z6X6	W/247.4	-0.74	<a href="#">122</a>
<a href="#">55</a>	WWIS		255 RICHMOND RD OTTAWA ON <b>Well ID:</b> 7300860	NNW/247.9	-2.71	<a href="#">122</a>
<a href="#">56</a>	SPL		222 Richmond Road Ottawa ON K1Z 6W6	NNE/249.5	-2.62	<a href="#">125</a>
<a href="#">56</a>	SPL		222 Richmond Rd. Ottawa ON	NNE/249.5	-2.62	<a href="#">125</a>

# Executive Summary: Summary By Data Source

## **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 BORE 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>
	ON	NNE	220.63	<a href="#">28</a>

## **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 4 CA site(s) within approximately 0.25 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>
OTTAWA CITY - PT.LOT 31, CONC. 1	ATHLONE AVE./BYRON AVE. OTTAWA CITY ON	NNE	34.62	<a href="#">1</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	WNW	86.14	<a href="#">5</a>

C CORP (ONTARIO) INC.	256 RICHMOND ROAD, WINKS, SWM OTTAWA CITY ON K1Z 6W9	N	199.23	<a href="#">20</a>
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OTTAWA CITY	RICHMOND RD./TWEEDSMUIR AVE. OTTAWA CITY ON	N	243.93	<a href="#">49</a>
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## **DTNK - Delisted Fuel Tanks**

A search of the DTNK database, dated May 31, 2021 has found that there are 4 DTNK 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>
MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	N	199.23	<a href="#">20</a>

MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	N	199.23	<a href="#">20</a>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	NNE	235.25	<a href="#">42</a>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON	NNE	235.25	<a href="#">42</a>

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

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 30 EHS 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>
	Integrated - Byron, Highcroft, Athalone Ottawa ON	ESE	155.44	<a href="#">11</a>
	Integrated - Byron, Highcroft, Athalone Ottawa ON	ESE	155.44	<a href="#">11</a>
	Integrated - Byron, Highcroft, Athalone Ottawa ON	ESE	155.44	<a href="#">11</a>
	Integrated - Byron, Highcroft, Athalone Ottawa ON	ESE	155.44	<a href="#">11</a>
	Integrated - Byron, Highcroft, Athalone Ottawa ON	ESE	155.44	<a href="#">11</a>
	439 Churchill Avenue North Ottawa ON K1Z 5E1	WSW	224.99	<a href="#">31</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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415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	NNE	169.63	<a href="#"><u>13</u></a>
415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	NNE	169.63	<a href="#"><u>13</u></a>
415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	NNE	169.63	<a href="#"><u>13</u></a>
415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	NNE	169.63	<a href="#"><u>13</u></a>
415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	NNE	169.63	<a href="#"><u>13</u></a>
415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	NNE	169.63	<a href="#"><u>13</u></a>
288 Richmond Road Ottawa ON K1Z 6X5	NW	180.49	<a href="#"><u>16</u></a>
270 Richmond Rd Ottawa ON K1Z6X2	NNW	193.90	<a href="#"><u>17</u></a>
404 Eden Avenue Ottawa ON	WNW	200.47	<a href="#"><u>21</u></a>
238 Richmond Rd Ottawa ON K1Z6W6	NNE	208.94	<a href="#"><u>22</u></a>
267 Richmond Road Ottawa ON K1Z 6X3	NNW	225.84	<a href="#"><u>32</u></a>
267 Richmond Road Ottawa ON K1Z 6X3	NNW	225.84	<a href="#"><u>32</u></a>
267 Richmond Road Ottawa ON K1Z 6X3	NNW	225.84	<a href="#"><u>32</u></a>

267 Richmond Road Ottawa ON K1Z 6X3	NNW	225.84	<a href="#">32</a>
267 Richmond Road Ottawa ON K1Z 6X3	NNW	225.84	<a href="#">32</a>
236 Richmond Road Ottawa ON K1Z 6W6	NNE	235.25	<a href="#">42</a>
236 Richmond Road Ottawa ON K1Z 6W6	NNE	235.25	<a href="#">42</a>
236 Richmond Road Ottawa ON K1Z 6W6	NNE	235.25	<a href="#">42</a>
236 Richmond Road Ottawa ON K1Z 6W6	NNE	235.25	<a href="#">42</a>
236 Richmond Rd Ottawa ON K1Z6W6	NNE	235.25	<a href="#">42</a>
236 Richmond Road Ottawa ON K1Z 6W6	NNE	235.25	<a href="#">43</a>
236 Richmond Road Ottawa ON K1Z 6W6	NNE	235.25	<a href="#">43</a>
277 Richmond Rd Ottawa On Ottawa ON K1Z6X3	NW	240.85	<a href="#">45</a>
322 Richmond Rd Ottawa ON K1Z6X6	W	247.35	<a href="#">54</a>

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

A search of the EXP database, dated Jul 31, 2020 has found that there are 11 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>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N	199.23	<a href="#"><u>20</u></a>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N	199.23	<a href="#"><u>20</u></a>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N	199.23	<a href="#"><u>20</u></a>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N	199.23	<a href="#"><u>20</u></a>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N	199.23	<a href="#"><u>20</u></a>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N	199.23	<a href="#"><u>20</u></a>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE	235.25	<a href="#"><u>42</u></a>
	236 RICHMOND RD OTTAWA K1Z 6W6 ON	NNE	235.25	<a href="#"><u>42</u></a>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE	235.25	<a href="#"><u>42</u></a>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE	235.25	<a href="#"><u>42</u></a>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE	235.25	<a href="#"><u>42</u></a>

## **FST - Fuel Storage Tank**

A search of the FST database, dated Jul 31, 2020 has found that there are 16 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>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N	199.23	<a href="#"><u>20</u></a>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N	199.23	<a href="#"><u>20</u></a>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N	199.23	<a href="#"><u>20</u></a>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N	199.23	<a href="#"><u>20</u></a>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N	199.23	<a href="#"><u>20</u></a>
	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	N	199.23	<a href="#"><u>20</u></a>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N	199.23	<a href="#"><u>20</u></a>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N	199.23	<a href="#"><u>20</u></a>



MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	N	199.23	<a href="#">20</a>
BELWINDY ENT LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE	235.25	<a href="#">42</a>
BELWINDY ENT LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE	235.25	<a href="#">42</a>
BELWINDY ENT LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE	235.25	<a href="#">42</a>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE	235.25	<a href="#">42</a>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE	235.25	<a href="#">42</a>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE	235.25	<a href="#">42</a>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	NNE	235.25	<a href="#">42</a>

### **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>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	N	199.23	<a href="#">20</a>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	N	199.23	<a href="#">20</a>

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

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 9 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>
MACS CONVENIENCE STORES INC.	256 RICHMOND RD., OTTAWA ON K1Z 6W9	N	199.23	<a href="#"><u>20</u></a>
Cassone Construction	300 Richmond Rd. Ottawa ON	WNW	217.90	<a href="#"><u>25</u></a>
850676 ontario Limited	267 Richmond Rd. Ottawa ON K1Z 6X3	NNW	225.84	<a href="#"><u>32</u></a>
HYBRID PHRARM INC	318 RICHMOND RD OTTAWA ON K1Z6X6	WNW	235.23	<a href="#"><u>41</u></a>
HYBRID PHRARM INC	318 RICHMOND RD OTTAWA ON K1Z6X6	WNW	235.23	<a href="#"><u>41</u></a>
HYBRID PHRARM INC	318 RICHMOND RD OTTAWA ON K1Z6X6	WNW	235.23	<a href="#"><u>41</u></a>
Tweedsmuir and Main Urban Properties Inc.	236 RICHMOND ROAD OTTAWA ON K1Z 6W6	NNE	235.25	<a href="#"><u>42</u></a>
City of Ottawa	Richmond Rd at Tweedsmuir Avenue Right-of-way Ottawa ON K1Z 6W7	N	243.93	<a href="#"><u>49</u></a>
City of Ottawa	Richmond Rd at Tweedsmuir Avenue Right-of-way Ottawa ON K1Z 6W7	N	243.93	<a href="#"><u>49</u></a>

## **HINC - TSSA Historic Incidents**

A search of the HINC database, dated 2006-June 2009\* has found that there are 3 HINC 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>
	464 EVERED AVENUE OTTAWA ON K1Z 5K8	SSW	154.89	<a href="#">10</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	267 Richmond Rd OTTAWA ON	NNW	225.84	<a href="#">32</a>
	213 WESLEY AVENUE OTTAWA ON K1Z 7A2	ENE	228.49	<a href="#">36</a>

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

A search of the INC database, dated May 31, 2021 has found that there are 2 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>
	415 Tweedsmuir Avenue, Ottawa ON K1Z 5N6	NNE	169.63	<a href="#">13</a>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD,AT TWEEDSMUIR AVE,OTTAWA,ON,K1Z 6W9,CA ON	N	199.23	<a href="#">20</a>

### **PES - Pesticide Register**

A search of the PES database, dated Oct 2011- Jun 30, 2021 has found that there are 1 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>
P. & T. EQUIPMENT	311 RICHMOND ROAD, SUITE 308 OTTAWA ON K1Z 6X3	WNW	235.05	<a href="#">40</a>

### **PINC - Pipeline Incidents**

A search of the PINC database, dated May 31, 2021 has found that there are 9 PINC 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>
PIPELINE HIT - 1/2"	498 TWEEDSMUIR AVE,,OTTAWA, ON,K1Z 5N9,CA ON	SE	246.70	<a href="#">53</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
GARY PATRICK GEHL	424 ATHLONE AVE,,OTTAWA,ON, K1Z 5M5,CA ON	NW	64.68	<a href="#">2</a>

BEAVER CONSTRUCTION GROUP INC	422 ATHLONE AVE,,OTTAWA,ON, K1Z 5M5,CA ON	NNW	81.36	<a href="#">4</a>
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ZONE 5 LANDSCAPING INC	409 EDGEWOOD AVE,,OTTAWA,ON, K1Z 5K6,CA ON	NW	121.60	<a href="#">6</a>
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PIPELINE HIT 1/2"	412 EDGEWOOD AVE,,OTTAWA,ON, K1Z 5K5,CA ON	WNW	129.30	<a href="#">7</a>
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412 Tweedsmuir Ave. Ottawa ON	NNE	141.52	<a href="#">8</a>
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384 Byron Avenue, Ottawa ON	ENE	148.88	<a href="#">9</a>
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ENBRIDGE GAS INC	401 EDEN AVE,,OTTAWA,ON,K1Z 5J1,CA ON	WNW	177.11	<a href="#">14</a>
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PIPELINE HIT - 1"	238 RICHMOND ROAD,,OTTAWA,ON, K1Z 6W6,CA ON	NNE	235.25	<a href="#">42</a>
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### **PRT - Private and Retail Fuel Storage Tanks**

A search of the PRT database, dated 1989-1996\* has found that there are 2 PRT 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>
C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	N	199.23	<a href="#">20</a>

NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	NNE	235.25	<a href="#">42</a>
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### **RSC - Record of Site Condition**

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Jul 2021 has found that there are 1 RSC 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>
TWEEDSMUIR AND MAIN URBAN PROPERTIES INC.	236 RICHMOND ROAD, OTTAWA, ON K1Z 6W6 Ottawa ON	NNE	235.25	<a href="#">42</a>

### **RST - Retail Fuel Storage Tanks**

A search of the RST database, dated 1999-Dec 31, 2020 has found that there are 1 RST 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>
NICK'S SERVICE CENTRE	236 RICHMOND RD OTTAWA ON K1Z6W6	NNE	235.25	<a href="#">42</a>

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

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 8 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>
Forbie Activewear	314 Richmond Rd Ottawa ON K1Z 6X6	WNW	227.42	<a href="#">34</a>
GEVC Interactive Inc.	311 Richmond Rd Suite 204 Ottawa ON K1Z 6X3	WNW	235.05	<a href="#">40</a>
Orezone Resources Inc.	290 Picton St Suite 201 Ottawa ON K1Z 8P8	NW	243.23	<a href="#">48</a>
Y'S OWL CO-OPERATIVE INC	290 PICTON AVE OTTAWA ON K1Z 8P8	NW	243.23	<a href="#">48</a>

Orezone Gold Corporation	290 Picton Ave Suite 201 Ottawa ON K1Z 8P8	NW	243.23	<a href="#">48</a>
Apption Software Inc.	290 Picton Ave Suite 104 Ottawa ON K1Z 8P8	NW	243.23	<a href="#">48</a>
Rose Drapery Ltd.	261 Richmond Rd Ottawa ON K1Z 6X1	NNW	244.49	<a href="#">51</a>
Valberg Imaging	322 Richmond Rd Ottawa ON K1Z 6X6	W	247.35	<a href="#">54</a>

### **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Aug 2020 has found that there are 16 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	S	242.31	<a href="#">47</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>
	424 Athlone St Ottawa ON	NW	64.68	<a href="#">2</a>
	442 Tweedsmuir Ave Ottawa ON	E	72.96	<a href="#">3</a>
Enbridge Gas Distribution Inc.	409 Edgewood Avenue Ottawa ON	NW	121.60	<a href="#">6</a>
Enbridge Gas Distribution Inc.	412 Edgewood Avenue Ottawa ON	WNW	129.30	<a href="#">7</a>
8596239 Canada Inc. <UNOFFICIAL>	400 Athlone Ave Ottawa ON	NNW	158.04	<a href="#">12</a>

Enbridge Gas Distribution Inc.	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	NNE	169.63	<a href="#">13</a>
SUNOCO	256 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6W9	N	199.23	<a href="#">20</a>
MOTOR VEHICLE	259 RICHMOND RD. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Z 6X1	NNW	232.62	<a href="#">38</a>
Enbridge Gas Distribution Inc.	238 Richmond Road Ottawa ON	NNE	235.25	<a href="#">42</a>
PETRO-CANADA	236 RICHMOND ROAD SERVICE STATION OTTAWA CITY ON K1Z 6W6	NNE	235.25	<a href="#">42</a>
City of Ottawa	corner of Tweedsmuir Ave & Richmond Road Ottawa ON	N	243.93	<a href="#">49</a>
Enbridge Gas Distribution Inc.	263 Richmond Rd Ottawa ON	NNW	244.42	<a href="#">50</a>
ULTRAMAR	261 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6X1	NNW	244.49	<a href="#">51</a>
	222 Richmond Road Ottawa ON K1Z 6W6	NNE	249.48	<a href="#">56</a>
	222 Richmond Rd. Ottawa ON	NNE	249.48	<a href="#">56</a>

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

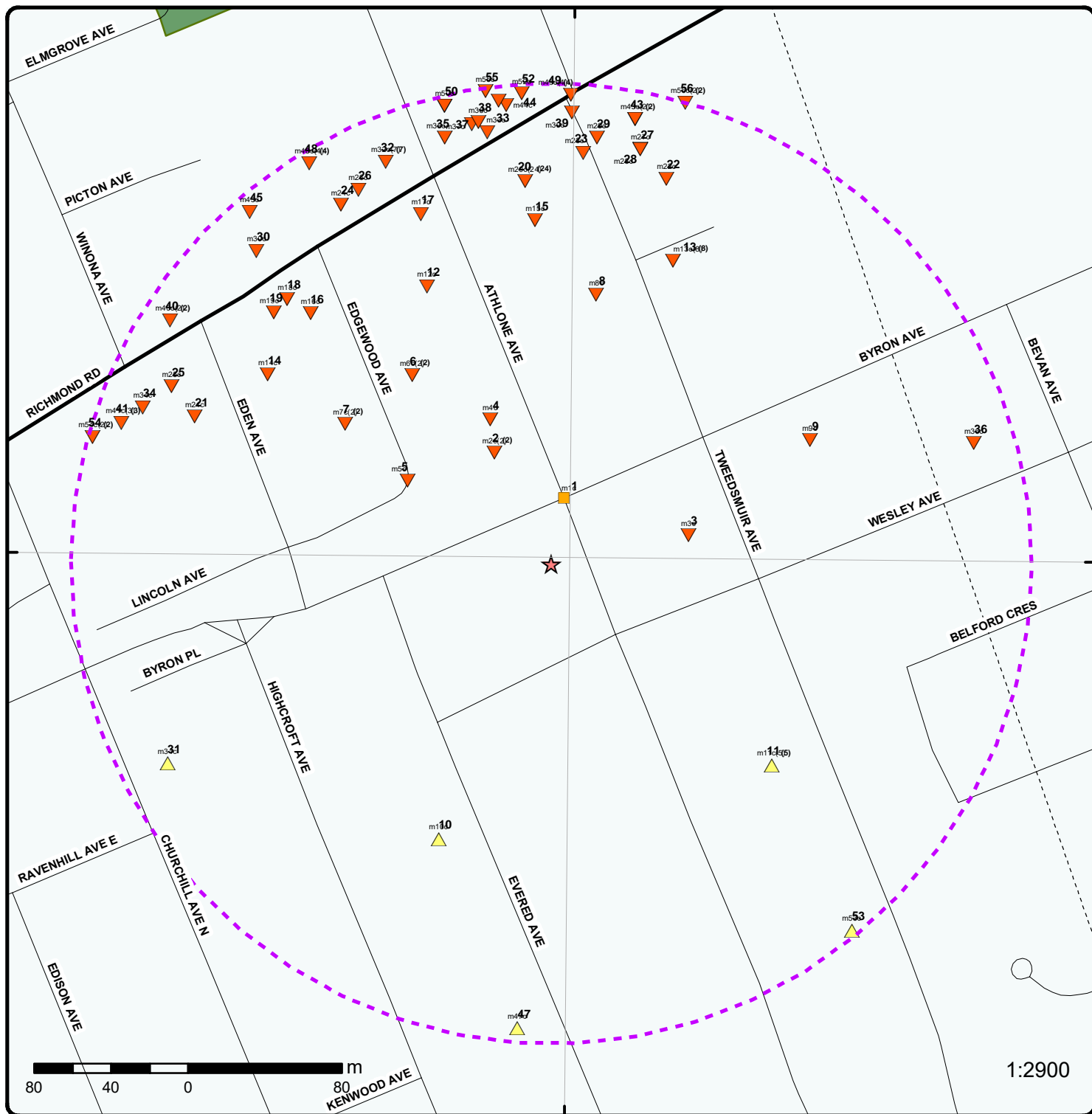
A search of the WWIS database, dated Apr 30, 2021 has found that there are 17 WWIS site(s) within approximately 0.25 kilometers of the project property.

<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>
	ON	N	178.69	<a href="#">15</a>

<b>Well ID:</b> 7242470			
298 Richmond Road Ottawa ON	NW	194.31	<a href="#"><u>18</u></a>
<b>Well ID:</b> 7346073			
298 Richmond Road Ottawa ON	WNW	194.55	<a href="#"><u>19</u></a>
<b>Well ID:</b> 7346074			
TWEEDSMURI NORTH OF RICHMOND RD. Ottawa ON <b>Well ID:</b> 7136558	N	214.15	<a href="#"><u>23</u></a>
281 RICHMOND RD Ottawa ON	NW	216.16	<a href="#"><u>24</u></a>
<b>Well ID:</b> 7317352			
277 RICHMOND RD Ottawa ON	NW	218.83	<a href="#"><u>26</u></a>
<b>Well ID:</b> 7317351			
ON	NNE	220.43	<a href="#"><u>27</u></a>
<b>Well ID:</b> 1508932			
TWEEDSMUIR R NORTH OF RICHMOND RD. ON <b>Well ID:</b> 7136559	N	222.76	<a href="#"><u>29</u></a>
ON	NW	223.39	<a href="#"><u>30</u></a>
<b>Well ID:</b> 7224473			
ON	NNW	226.95	<a href="#"><u>33</u></a>
<b>Well ID:</b> 7336502			
TWEEDSMUIR NORTH OF RICHMOND RD. Ottawa ON <b>Well ID:</b> 7136557	NNW	228.29	<a href="#"><u>35</u></a>
255 RICHMOND RD OTTAWA ON	NNW	232.20	<a href="#"><u>37</u></a>
<b>Well ID:</b> 7300861			
TWEENMUIR AT CLARE ST Ottawa ON	N	234.74	<a href="#"><u>39</u></a>
<b>Well ID:</b> 7139974			



255 RICHMOND ROAD Ottawa ON	N	239.63	<u>44</u>
<i>Well ID:</i> 7295741			
255 RICHMOND ROAD Ottawa ON	N	242.04	<u>46</u>
<i>Well ID:</i> 7115803			
255 RICHMOND RD OTTAWA ON	N	244.97	<u>52</u>
<i>Well ID:</i> 7300859			
255 RICHMOND RD OTTAWA ON	NNW	247.88	<u>55</u>
<i>Well ID:</i> 7300860			



### Map: 0.25 Kilometer Radius

Order Number: 21082501304

Address: 436 Athlone Avenue, Ottawa, ON

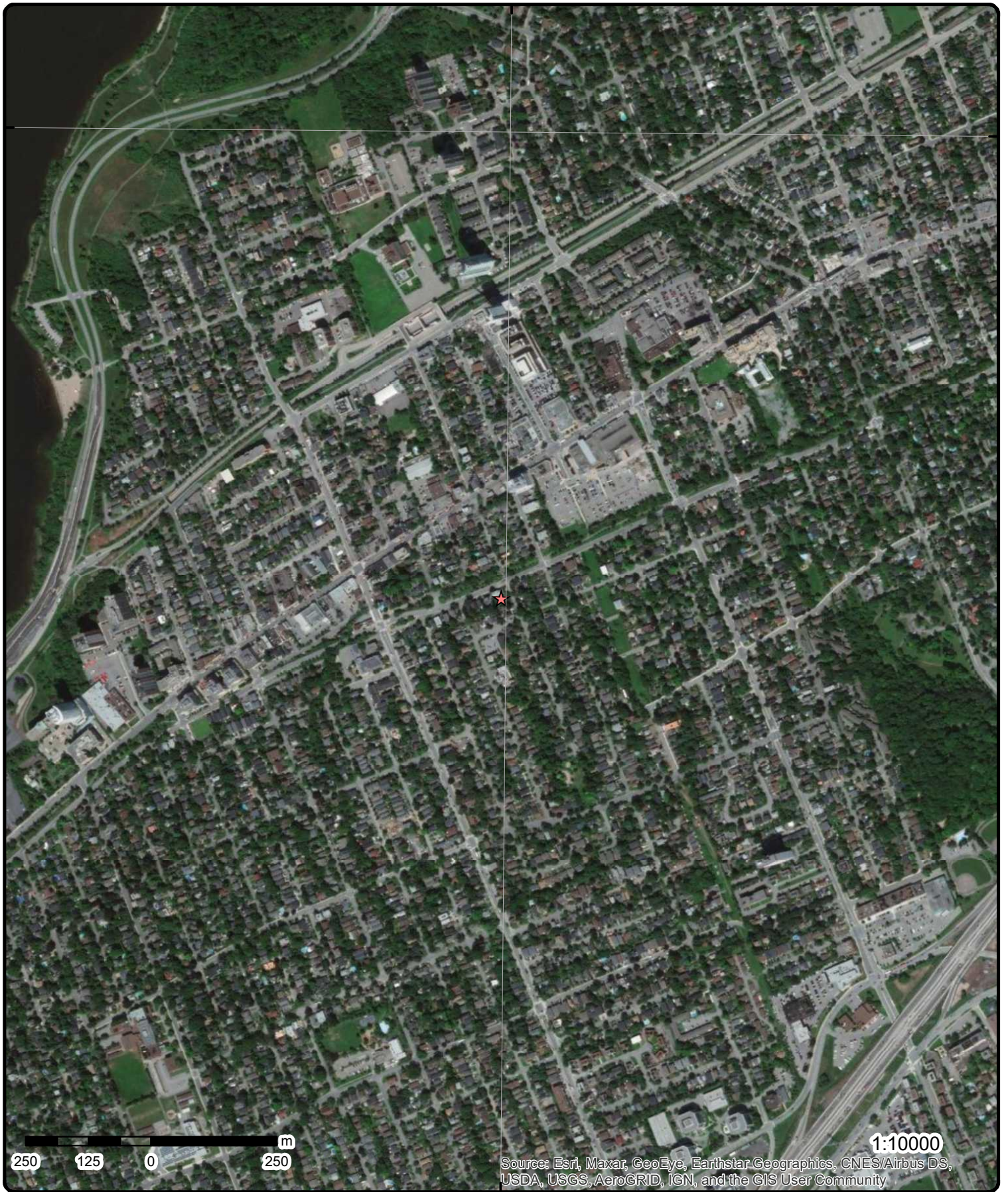


	Project Property		Expressway		Industrial and Resource - Regions		National Park
	Buffer Outline		Principal Highway		Main Line		Provincial or Territorial Park
	Eris Sites with Higher Elevation		Secondary Highway		Sidetrack		Other Park
	Eris Sites with Same Elevation		Major Road		Transit Line		Golf Course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

75°45'W

45°24'N

45°24'N



250 125 0 250 m

1:10000  
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Aerial** Year: 2020

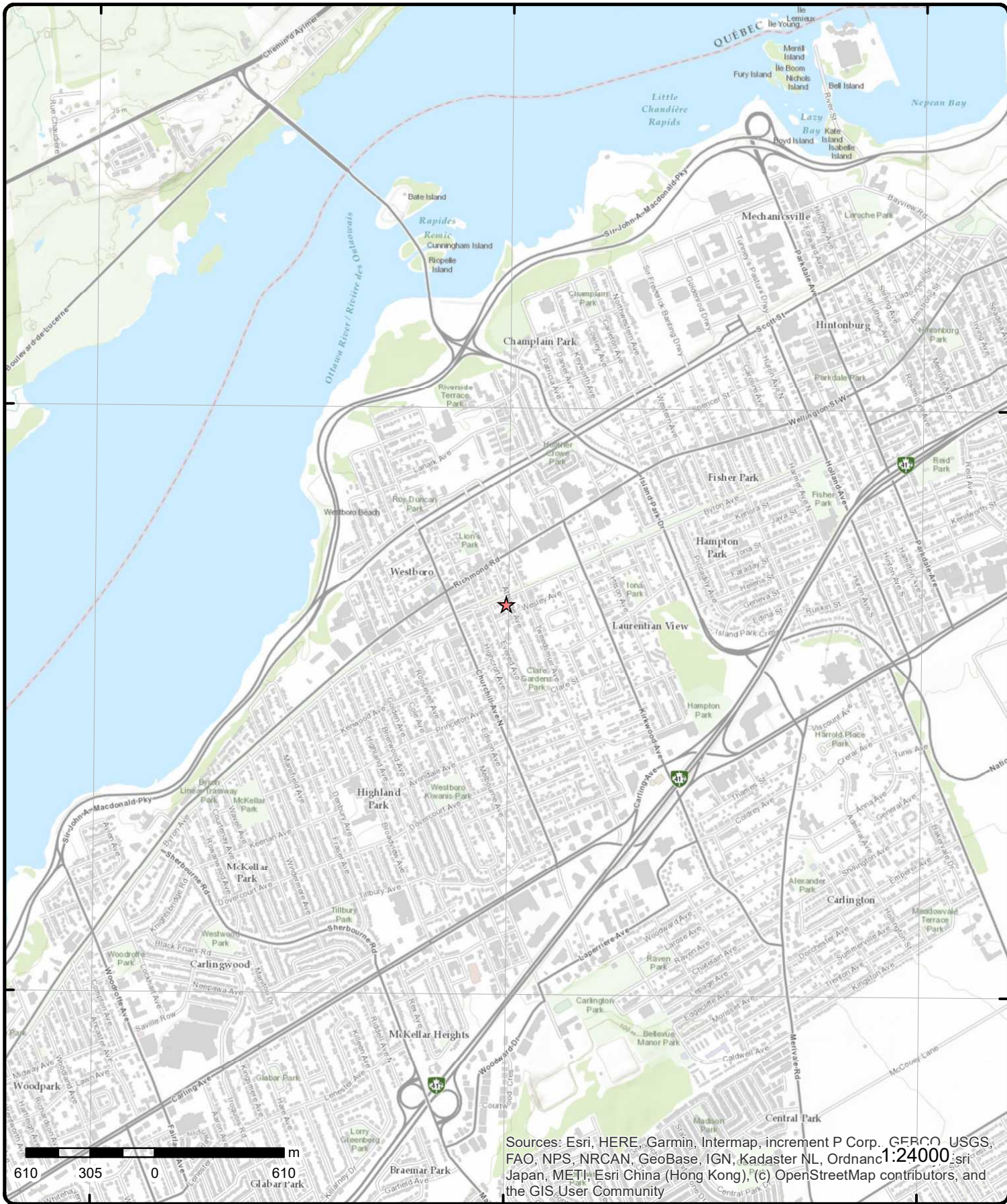
Order Number: 21082501304

**Address: 436 Athlone Avenue, Ottawa, ON**



Source: ESRI World Imagery

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Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, Mapbox, (c) OpenStreetMap contributors, and the GIS User Community

# Topographic Map

Address: 436 Athlone Avenue, ON

Source: ESRI World Topographic Map

Order Number: 21082501304



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# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p><u>1</u></p> <p><b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b></p>	1 of 1	NNE/34.6	70.5 / 0.00	<p>OTTAWA CITY - PT.LOT 31, CONC. 1 ATHLONE AVE./BYRON AVE. OTTAWA CITY ON</p>	CA
<p><u>2</u></p> <p><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></p>	1 of 2	NW/64.7	69.8 / -0.68	<p>424 Athlone St Ottawa ON</p> <p><b>Discharger Report:</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> <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></p>	SPL
<p><u>2</u></p>	2 of 2	NW/64.7	69.8 / -0.68	<p>GARY PATRICK GEHL 424 ATHLONE AVE,, OTTAWA, ON, K1Z 5M5, CA ON</p>	PINC

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Incident ID:</b>				<b>Pipe Material:</b>	
<b>Incident No:</b>	1602350			<b>Fuel Category:</b>	Natural Gas
<b>Incident Reported Dt:</b>	3/23/2015			<b>Health Impact:</b>	
<b>Type:</b>	FS-Pipeline Incident			<b>Environment Impact:</b>	
<b>Status Code:</b>				<b>Property Damage:</b>	Yes
<b>Tank Status:</b>	Pipeline Damage Reason Est			<b>Service Interrupt:</b>	
<b>Task No:</b>	5415185			<b>Enforce Policy:</b>	Yes
<b>Spills Action Centre:</b>				<b>Public Relation:</b>	
<b>Fuel Type:</b>				<b>Pipeline System:</b>	
<b>Fuel Occurrence Tp:</b>				<b>PSIG:</b>	
<b>Date of Occurrence:</b>				<b>Attribute Category:</b>	FS-Perform P-line Inc Invest
<b>Occurrence Start Dt:</b>	2015/03/24			<b>Regulator Location:</b>	
<b>Depth:</b>				<b>Method Details:</b>	E-mail
<b>Customer Acct Name:</b>	GARY PATRICK GEHL				
<b>Incident Address:</b>	424 ATHLONE AVE,,OTTAWA,ON,K1Z 5M5,CA				
<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>					

<u>3</u>	1 of 1	E/73.0	70.5 / -0.07	442 Tweedsmuir Ave Ottawa ON	SPL
<b>Ref No:</b>	4877-B2MNJ2			<b>Discharger Report:</b>	
<b>Site No:</b>	NA			<b>Material Group:</b>	
<b>Incident Dt:</b>	2018/07/13			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b>	Unknown / N/A
<b>Incident Event:</b>	Dumping			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	27			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	CONCRETE			<b>Site Address:</b>	442 Tweedsmuir Ave
<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>	n/a			<b>Site Region:</b>	Eastern
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Land			<b>Northing:</b>	5026747
<b>MOE Response:</b>	No			<b>Easting:</b>	441377
<b>Dt MOE Arvl on Scr:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2018/07/13			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Pollution Incident Reports (PIRs) and "Other" calls
<b>Incident Reason:</b>	Deliberate Act			<b>Source Type:</b>	Unknown / N/A
<b>Site Name:</b>	site<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	PIR: oil on road and storm sewer				
<b>Contaminant Qty:</b>	0 other - see incident description				

<u>4</u>	1 of 1	NNW/81.4	69.8 / -0.69	BEAVER CONSTRUCTION GROUP INC 422 ATHLONE AVE,,OTTAWA,ON,K1Z 5M5,CA ON	PINC
<b>Incident ID:</b>				<b>Pipe Material:</b>	
<b>Incident No:</b>	1609794			<b>Fuel Category:</b>	Natural Gas
<b>Incident Reported Dt:</b>	4/2/2015			<b>Health Impact:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Type:</b> FS-Pipeline Incident <b>Status Code:</b> <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>Depth:</b> <b>Customer Acct Name:</b> BEAVER CONSTRUCTION GROUP INC <b>Incident Address:</b> 422 ATHLONE AVE,,OTTAWA,ON,K1Z 5M5,CA <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>Environment Impact:</b> <b>Property Damage:</b> Yes <b>Service Interrupt:</b> <b>Enforce Policy:</b> Yes <b>Public Relation:</b> <b>Pipeline System:</b> <b>PSIG:</b> <b>Attribute Category:</b> FS-Perform P-line Inc Invest <b>Regulator Location:</b> <b>Method Details:</b> E-mail					

<u>5</u>	1 of 1	WNW/86.1	69.9 / -0.64	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>					

<u>6</u>	1 of 2	NW/121.6	68.8 / -1.69	ZONE 5 LANDSCAPING INC 409 EDGEWOOD AVE,,OTTAWA,ON,K1Z 5K6,CA ON	PINC
<b>Incident ID:</b> <b>Incident No:</b> 1732174 <b>Incident Reported Dt:</b> 10/6/2015 <b>Type:</b> FS-Pipeline Incident <b>Status Code:</b> <b>Tank Status:</b> Pipeline Damage Reason Est <b>Task No:</b> 5891737 <b>Spills Action Centre:</b> <b>Fuel Type:</b> <b>Fuel Occurrence Tp:</b> <b>Date of Occurrence:</b> <b>Occurrence Start Dt:</b> 2015/10/06 <b>Depth:</b> <b>Customer Acct Name:</b> ZONE 5 LANDSCAPING INC <b>Incident Address:</b> 409 EDGEWOOD AVE,,OTTAWA,ON,K1Z 5K6,CA <b>Operation Type:</b> <b>Pipeline Type:</b> <b>Regulator Type:</b>					
<b>Pipe Material:</b> <b>Fuel Category:</b> Natural Gas <b>Health Impact:</b> <b>Environment Impact:</b> <b>Property Damage:</b> Yes <b>Service Interrupt:</b> <b>Enforce Policy:</b> Yes <b>Public Relation:</b> <b>Pipeline System:</b> <b>PSIG:</b> <b>Attribute Category:</b> FS-Perform P-line Inc Invest <b>Regulator Location:</b> <b>Method Details:</b> E-mail					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Summary:</b> <b>Reported By:</b> <b>Affiliation:</b> <b>Occurrence Desc:</b> <b>Damage Reason:</b> <b>Notes:</b>		409 EDGEWOOD AVENUE, OTTAWA - PIPELINE HIT - 1 ¼" Peter O'Gorman - ENBRIDGE Excavation practices not sufficient			
<a href="#">6</a>	2 of 2	NW/121.6	68.8 / -1.69	<b>Enbridge Gas Distribution Inc.</b> 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>	6661-A32JXW NA 10/6/2015  35 NATURAL GAS (METHANE)  No 10/6/2015 11/27/2015	<b>Discharger Report:</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> <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>	Unknown / N/A 409 Edgewood Avenue  Ottawa  TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill	<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>	Operator/Human Error Residential Line Strike<UNOFFICIAL>  TSSA FSB: 1 1/4" pl intermediate main dmgd; made safe 0 other - see incident description
<a href="#">7</a>	1 of 2	WNW/129.3	69.6 / -0.96	<b>Enbridge Gas Distribution Inc.</b> 412 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>	1132-AYMLE7 NA 2018/05/10  Leak/Break 35 NATURAL GAS (METHANE)  1075	<b>Discharger Report:</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> <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>	2 - Minor Environment Corporation Miscellaneous Communal 412 Edgewood Avenue Ottawa Eastern Ottawa  TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill		



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Incident Reason:</b>	Operator/Human Error			<b>Source Type:</b>	Pipeline/Components
<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				

<a href="#"><u>7</u></a>	2 of 2	WNW/129.3	69.6 / -0.96	<b>PIPELINE HIT 1/2"</b> <b>412 EDGEWOOD AVE., OTTAWA, ON, K1Z 5K5, CA</b> <b>ON</b>	<b>PINC</b>
<b>Incident ID:</b>				<b>Pipe Material:</b>	
<b>Incident No:</b>	2302974			<b>Fuel Category:</b>	
<b>Incident Reported Dt:</b>	5/11/2018			<b>Health Impact:</b>	
<b>Type:</b>	FS-Pipeline Incident			<b>Environment Impact:</b>	
<b>Status Code:</b>				<b>Property Damage:</b>	
<b>Tank Status:</b>	Pipeline Damage Reason Est			<b>Service Interrupt:</b>	
<b>Task No:</b>				<b>Enforce Policy:</b>	
<b>Spills Action Centre:</b>				<b>Public Relation:</b>	
<b>Fuel Type:</b>				<b>Pipeline System:</b>	
<b>Fuel Occurrence Tp:</b>				<b>PSIG:</b>	
<b>Date of Occurrence:</b>				<b>Attribute Category:</b>	
<b>Occurrence Start Dt:</b>				<b>Regulator Location:</b>	
<b>Depth:</b>				<b>Method Details:</b>	
<b>Customer Acct Name:</b>	PIPELINE HIT 1/2"				
<b>Incident Address:</b>	412 EDGEWOOD AVE., OTTAWA, ON, K1Z 5K5, CA				
<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>					

<a href="#"><u>8</u></a>	1 of 1	NNE/141.5	68.8 / -1.70	<b>412 Tweedsmuir Ave. Ottawa</b> <b>ON</b>	<b>PINC</b>
<b>Incident ID:</b>	2696610			<b>Pipe Material:</b>	
<b>Incident No:</b>	540152			<b>Fuel Category:</b>	Natural Gas
<b>Incident Reported Dt:</b>				<b>Health Impact:</b>	No
<b>Type:</b>	FS-Pipeline Incident			<b>Environment Impact:</b>	No
<b>Status Code:</b>	Pipeline Damage Reason Est			<b>Property Damage:</b>	Yes
<b>Tank Status:</b>	RC Established			<b>Service Interrupt:</b>	Yes
<b>Task No:</b>	3245285			<b>Enforce Policy:</b>	Yes
<b>Spills Action Centre:</b>				<b>Public Relation:</b>	No
<b>Fuel Type:</b>	Natural Gas			<b>Pipeline System:</b>	
<b>Fuel Occurrence Tp:</b>	Pipeline Strike			<b>PSIG:</b>	
<b>Date of Occurrence:</b>	11/8/2010 0:00			<b>Attribute Category:</b>	FS-Perform P-line Inc Invest
<b>Occurrence Start Dt:</b>	2011/03/23			<b>Regulator Location:</b>	
<b>Depth:</b>				<b>Method Details:</b>	E-mail
<b>Customer Acct Name:</b>					
<b>Incident Address:</b>					
<b>Operation Type:</b>	Construction Site (pipeline strike)				
<b>Pipeline Type:</b>					
<b>Regulator Type:</b>					
<b>Summary:</b>	412 Tweedsmuir Ave. Ottawa - 3/4" Pipeline Hit				
<b>Reported By:</b>	Armstrong, Alan - Enbridge				
<b>Affiliation:</b>	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
<b>Occurrence Desc:</b>					
<b>Damage Reason:</b>	Excavation practices not sufficient				

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

<a href="#">9</a>	1 of 1	ENE/148.9	69.7 / -0.86	384 Byron Avenue, Ottawa ON	PINC
<b>Incident ID:</b> <b>Incident No:</b> 833076 <b>Incident Reported Dt:</b> <b>Type:</b> FS-Pipeline Incident <b>Status Code:</b> Pipeline Damage Reason Est <b>Tank Status:</b> RC Established <b>Task No:</b> 3881913 <b>Spills Action Centre:</b> <b>Fuel Type:</b> <b>Fuel Occurrence Tp:</b> <b>Date of Occurrence:</b> <b>Occurrence Start Dt:</b> 2012/09/28 <b>Depth:</b> <b>Customer Acct Name:</b> <b>Incident Address:</b> <b>Operation Type:</b> <b>Pipeline Type:</b> <b>Regulator Type:</b> <b>Summary:</b> 384 Byron Avenue, Ottawa - 1 ¼" Pipeline Hit <b>Reported By:</b> Jeff.Stiles@enbridge.com <b>Affiliation:</b> <b>Occurrence Desc:</b> <b>Damage Reason:</b> Facility was not located or marked <b>Notes:</b>		<b>Pipe Material:</b> <b>Fuel Category:</b> Natural Gas <b>Health Impact:</b> <b>Environment Impact:</b> <b>Property Damage:</b> Yes <b>Service Interrupt:</b> <b>Enforce Policy:</b> Yes <b>Public Relation:</b> <b>Pipeline System:</b> <b>PSIG:</b> <b>Attribute Category:</b> FS-Perform P-line Inc Invest <b>Regulator Location:</b> <b>Method Details:</b> E-mail			

<a href="#">10</a>	1 of 1	SSW/154.9	72.9 / 2.38	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="#">11</a>	1 of 5	ESE/155.4	73.0 / 2.45	Integrated - Byron, Highcroft, Athalone Ottawa ON	EHS
<b>Order No:</b>	20191128013	<b>Nearest Intersection:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 14-FEB-20 <b>Date Received:</b> 28-NOV-19 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans					
<a href="#">11</a>	2 of 5	ESE/155.4	73.0 / 2.45	Integrated - Byron, Highcroft, Athalone Ottawa ON	EHS
<b>Order No:</b> 20191128013 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 14-FEB-20 <b>Date Received:</b> 28-NOV-19 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.74863088 <b>Y:</b> 45.39070135					
<a href="#">11</a>	3 of 5	ESE/155.4	73.0 / 2.45	Integrated - Byron, Highcroft, Athalone Ottawa ON	EHS
<b>Order No:</b> 20191128013 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 14-FEB-20 <b>Date Received:</b> 28-NOV-19 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.74863088 <b>Y:</b> 45.39070135					
<a href="#">11</a>	4 of 5	ESE/155.4	73.0 / 2.45	Integrated - Byron, Highcroft, Athalone Ottawa ON	EHS
<b>Order No:</b> 20191128013 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 14-FEB-20 <b>Date Received:</b> 28-NOV-19 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.74863088 <b>Y:</b> 45.39070135					
<a href="#">11</a>	5 of 5	ESE/155.4	73.0 / 2.45	Integrated - Byron, Highcroft, Athalone Ottawa ON	EHS
<b>Order No:</b> 20191128013 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 14-FEB-20 <b>Date Received:</b> 28-NOV-19 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.74863088 <b>Y:</b> 45.39070135					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">12</a>	1 of 1	NNW/158.0	68.9 / -1.64	8596239 Canada Inc.<UNOFFICIAL> 400 Athlone Ave Ottawa ON	SPL
<b>Ref No:</b>	7053-9DKMY8			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	2013/11/14			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Vandalism			<b>Sector Type:</b>	Motor Vehicle
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	15			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	HYDRAULIC OIL			<b>Site Address:</b>	400 Athlone Ave
<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>	Ottawa
<b>Nature of Impact:</b>	Soil Contamination			<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>	2013/11/18			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Deliberate Act			<b>Source Type:</b>	
<b>Site Name:</b>	construction site<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	400 Athlone Ave: excavator fire, fuel & operating fluids				
<b>Contaminant Qty:</b>	0 other - see incident description				
<a href="#">13</a>	1 of 8	NNE/169.6	68.6 / -1.94	Enbridge Gas Distribution Inc. 415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SPL
<b>Ref No:</b>	7033-8A2TBE			<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>	Referral to others			<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	10/8/2010			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>	10/13/2010			<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Error- Operator error			<b>Source Type:</b>	
<b>Site Name:</b>	415 Tweedsmuir Avenue<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	TSSA: nat'l gas to atm, service line strike by contractor.				
<b>Contaminant Qty:</b>	0 other - see incident description				
<a href="#">13</a>	2 of 8	NNE/169.6	68.6 / -1.94	415 Tweedsmuir Avenue, Ottawa ON K1Z 5N6	INC

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
				<b>Incident No:</b> 465638 <b>Incident ID:</b> 2617516 <b>Instance No:</b> <b>Status Code:</b> Causal Analysis Complete <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> 415 Tweedsmuir Avenue, Ottawa - 1" Pipeline Hit <b>Occurrence Narrative:</b> <b>Operation Type Involved:</b> <b>Item:</b> <b>Item Description:</b> <b>Device Installed Location:</b>	<b>Any Health Impact:</b> <b>Any Enviro Impact:</b> <b>Service Interrupted:</b> <b>Was Prop Damaged:</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> Steel <b>Depth Ground Cover:</b> 0.5 <b>Regulator Location:</b> Outside <b>Regulator Type:</b> Service Regulator (up to 60 psi intake) <b>Operation Pressure:</b> 65 <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>	

<a href="#">13</a>	3 of 8	NNE/169.6	68.6 / -1.94	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	EHS
				<b>Order No:</b> 20200106026 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 09-JAN-20 <b>Date Received:</b> 06-JAN-20 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos	<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.7493161 <b>Y:</b> 45.3930593

<a href="#">13</a>	4 of 8	NNE/169.6	68.6 / -1.94	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	EHS
				<b>Order No:</b> 20200106026 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 09-JAN-20 <b>Date Received:</b> 06-JAN-20 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos	<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.7493161 <b>Y:</b> 45.3930593

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">13</a>	5 of 8	NNE/169.6	68.6 / -1.94	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	EHS
<b>Order No:</b>	20200106026			<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>	09-JAN-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	06-JAN-20			<b>X:</b>	-75.7493161
<b>Previous Site Name:</b>				<b>Y:</b>	45.3930593
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
<a href="#">13</a>	6 of 8	NNE/169.6	68.6 / -1.94	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	EHS
<b>Order No:</b>	20200106026			<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>	09-JAN-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	06-JAN-20			<b>X:</b>	-75.7493161
<b>Previous Site Name:</b>				<b>Y:</b>	45.3930593
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
<a href="#">13</a>	7 of 8	NNE/169.6	68.6 / -1.94	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	EHS
<b>Order No:</b>	20200106026			<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>	09-JAN-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	06-JAN-20			<b>X:</b>	-75.7493161
<b>Previous Site Name:</b>				<b>Y:</b>	45.3930593
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
<a href="#">13</a>	8 of 8	NNE/169.6	68.6 / -1.94	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	EHS
<b>Order No:</b>	20200106026			<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>	09-JAN-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	06-JAN-20			<b>X:</b>	-75.7493161
<b>Previous Site Name:</b>				<b>Y:</b>	45.3930593
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
<a href="#">14</a>	1 of 1	WNW/177.1	69.0 / -1.56	ENBRIDGE GAS INC 401 EDEN AVE., OTTAWA, ON, K1Z 5J1, CA ON	PINC
<b>Incident ID:</b>				<b>Pipe Material:</b>	
<b>Incident No:</b>	2833556			<b>Fuel Category:</b>	
<b>Incident Reported Dt:</b>	4/22/2020			<b>Health Impact:</b>	
<b>Type:</b>	FS-Pipeline Incident			<b>Environment Impact:</b>	
<b>Status Code:</b>				<b>Property Damage:</b>	
<b>Tank Status:</b>	Pipeline Damage Reason Est			<b>Service Interrupt:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<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>Depth:</b> <b>Customer Acct Name:</b> <b>Incident Address:</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>		ENBRIDGE GAS INC 401 EDEN AVE., OTTAWA, ON, K1Z 5J1, CA		<b>Enforce Policy:</b> <b>Public Relation:</b> <b>Pipeline System:</b> <b>PSIG:</b> <b>Attribute Category:</b> <b>Regulator Location:</b> <b>Method Details:</b>	

<a href="#">15</a>	1 of 1	N/178.7	68.3 / -2.21	ON	WWIS
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<b>Well ID:</b>	7242470	<b>Data Entry Status:</b>	Yes
<b>Construction Date:</b>		<b>Data Src:</b>	
<b>Primary Water Use:</b>		<b>Date Received:</b>	6/5/2015
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	True
<b>Final Well Status:</b>		<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	6964
<b>Casing Material:</b>		<b>Form Version:</b>	8
<b>Audit No:</b>	C28556	<b>Owner:</b>	
<b>Tag:</b>	A147242	<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>	
<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):**

**Additional Detail(s) (Map)**

<b>Well Completed Date:</b>	2014/11/11
<b>Year Completed:</b>	2014
<b>Depth (m):</b>	
<b>Latitude:</b>	45.3932434476198
<b>Longitude:</b>	-75.7502336556002
<b>Path:</b>	

**Bore Hole Information**

<b>Bore Hole ID:</b>	1005397364	<b>Elevation:</b>	68.511634
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	441276.00
<b>Code OB Desc:</b>		<b>North83:</b>	5026910.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Cluster Kind:</b> <b>Date Completed:</b> 11-Nov-2014 00:00:00 <b>Remarks:</b> <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>UTMRC:</b> 4 <b>UTMRC Desc:</b> margin of error : 30 m - 100 m <b>Location Method:</b> wwr	
<a href="#">16</a>	1 of 1	NW/180.5	69.0 / -1.56	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="#">17</a>	1 of 1	NNW/193.9	68.6 / -1.93	270 Richmond Rd Ottawa ON K1Z6X2	EHS
<b>Order No:</b> 20170424040 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 28-APR-17 <b>Date Received:</b> 24-APR-17 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans; City Directory				<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.750994 <b>Y:</b> 45.393267	
<a href="#">18</a>	1 of 1	NW/194.3	69.0 / -1.56	298 Richmond Road Ottawa ON	WWIS
<b>Well ID:</b> 7346073 <b>Construction Date:</b> <b>Primary Water Use:</b> Monitoring and Test Hole <b>Sec. Water Use:</b> <b>Final Well Status:</b> Monitoring and Test Hole <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> Z298271 <b>Tag:</b> A274737 <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>PDF URL (Map):</b>  <b>Additional Detail(s) (Map)</b>				<b>Data Entry Status:</b> <b>Data Src:</b> <b>Date Received:</b> 10/30/2019 <b>Selected Flag:</b> True <b>Abandonment Rec:</b> <b>Contractor:</b> 7241 <b>Form Version:</b> 7 <b>Owner:</b> <b>Street Name:</b> 298 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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**Well Completed Date:** 2019/09/17  
**Year Completed:** 2019  
**Depth (m):** 10.06  
**Latitude:** 45.3928635897017  
**Longitude:** -75.7518766704534  
**Path:**

**Bore Hole Information**

<b>Bore Hole ID:</b>	1007697676	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	441147.00
<b>Code OB Desc:</b>		<b>North83:</b>	5026869.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	17-Sep-2019 00:00:00	<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**

**Formation ID:** 1007890239  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 12  
**Mat2 Desc:** STONES  
**Mat3:** 05  
**Mat3 Desc:** CLAY  
**Formation Top Depth:** 0.3100000023841858  
**Formation End Depth:** 2.440000057220459  
**Formation End Depth UOM:** m

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 1007890238  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 27  
**Most Common Material:** OTHER  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:** 66  
**Mat3 Desc:** DENSE  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 0.3100000023841858  
**Formation End Depth UOM:** 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>		1007890240			
<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>		74			
<b>Mat3 Desc:</b>		LAYERED			
<b>Formation Top Depth:</b>		2.440000057220459			
<b>Formation End Depth:</b>		10.0600004196167			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007891424			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		0.310000002384186			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007891426			
<b>Layer:</b>		3			
<b>Plug From:</b>		6.69999980926514			
<b>Plug To:</b>		10.0600004196167			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007891425			
<b>Layer:</b>		2			
<b>Plug From:</b>		0.310000002384186			
<b>Plug To:</b>		6.69999980926514			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1007892588			
<b>Method Construction Code:</b>		5			
<b>Method Construction:</b>		Air Percussion			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1007888647			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1007893381			
<b>Layer:</b>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Slot:		10			
Screen Top Depth:		7.01000022888184			
Screen End Depth:		10.0600004196167			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82000017166138			
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:		1007894064			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<b><u>Hole Diameter</u></b>					
Hole ID:		1007892095			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		2.740000009536743			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<b><u>Hole Diameter</u></b>					
Hole ID:		1007892096			
Diameter:		7.619999885559082			
Depth From:		2.740000009536743			
Depth To:		10.0600004196167			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

<u>19</u>	1 of 1	WNW/194.6	68.2 / -2.31	298 Richmond Road Ottawa ON	WWIS
Well ID:	7346074			<b>Data Entry Status:</b>	
Construction Date:				<b>Data Src:</b>	
Primary Water Use:	Monitoring and Test Hole			<b>Date Received:</b>	10/30/2019
Sec. Water Use:				<b>Selected Flag:</b>	True
Final Well Status:	Monitoring and Test Hole			<b>Abandonment Rec:</b>	
Water Type:				<b>Contractor:</b>	7241
Casing Material:				<b>Form Version:</b>	7
Audit No:	Z298270			<b>Owner:</b>	
Tag:	A274736			<b>Street Name:</b>	298 Richmond Road
Construction Method:				<b>County:</b>	OTTAWA
Elevation (m):				<b>Municipality:</b>	NEPEAN TOWNSHIP
Elevation Reliability:				<b>Site Info:</b>	
Depth to Bedrock:				<b>Lot:</b>	
Well Depth:				<b>Concession:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<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>Additional Detail(s) (Map)</u></b>					
<b>Well Completed Date:</b>		2019/09/17			
<b>Year Completed:</b>		2019			
<b>Depth (m):</b>		5.49			
<b>Latitude:</b>		45.3927999973143			
<b>Longitude:</b>		-75.7519652556622			
<b>Path:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>		1007697679		<b>Elevation:</b>	
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>				<b>East83:</b>	441140.00
<b>Code OB Desc:</b>				<b>North83:</b>	5026862.00
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>		17-Sep-2019 00:00:00		<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>		1007890242			
<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>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>		85			
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		0.3100000023841858			
<b>Formation End Depth:</b>		1.2200000286102295			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1007890243			
<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>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>		74			
<b>Mat3 Desc:</b>		LAYERED			
<b>Formation Top Depth:</b>		1.2200000286102295			
<b>Formation End Depth:</b>		5.489999771118164			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1007890241			
<b>Layer:</b>		1			
<b>Color:</b>		8			
<b>General Color:</b>		BLACK			
<b>Mat1:</b>		27			
<b>Most Common Material:</b>		OTHER			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>		66			
<b>Mat3 Desc:</b>		DENSE			
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		0.3100000023841858			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1007891427			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		0.310000002384186			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1007891429			
<b>Layer:</b>		3			
<b>Plug From:</b>		2.13000011444092			
<b>Plug To:</b>		5.48999977111816			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1007891428			
<b>Layer:</b>		2			
<b>Plug From:</b>		0.310000002384186			
<b>Plug To:</b>		2.13000011444092			
<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>		1007892589			
<b>Method Construction Code:</b>		5			
<b>Method Construction:</b>		Air Percussion			
<b>Other Method Construction:</b>					

**Pipe Information**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Pipe ID: 1007888648  
 Casing No: 0  
 Comment:  
 Alt Name:

**Construction Record - Screen**

Screen ID: 1007893382  
 Layer: 1  
 Slot: 10  
 Screen Top Depth: 2.44000005722046  
 Screen End Depth: 5.46999979019165  
 Screen Material: 5  
 Screen Depth UOM: m  
 Screen Diameter UOM: cm  
 Screen Diameter: 4.82000017166138

**Results of Well Yield Testing**

Pump Test ID: 1007894065  
 Pump Set At:  
 Static Level:  
 Final Level After Pumping:  
 Recommended Pump Depth:  
 Pumping Rate:  
 Flowing Rate:  
 Recommended Pump Rate:  
 Levels UOM: m  
 Rate UOM: LPM  
 Water State After Test Code:  
 Water State After Test:  
 Pumping Test Method: 0  
 Pumping Duration HR:  
 Pumping Duration MIN:  
 Flowing:

**Hole Diameter**

Hole ID: 1007892098  
 Diameter: 7.619999885559082  
 Depth From: 2.440000057220459  
 Depth To: 5.489999771118164  
 Hole Depth UOM: m  
 Hole Diameter UOM: cm

**Hole Diameter**

Hole ID: 1007892097  
 Diameter: 11.430000305175781  
 Depth From: 0.0  
 Depth To: 2.440000057220459  
 Hole Depth UOM: m  
 Hole Diameter UOM: cm

<a href="#">20</a>	1 of 24	N/199.2	67.8 / -2.71	SUNOCO 256 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6W9	SPL
Ref No:	77610			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	10/16/1992			Health/Env Conseq:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	PIPE/HOSE 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>	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>	MCCR
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	10/16/1992			<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>	SUNOCO: 5 L GASOLINE SPILLED AT SERVICE STATION				
<b>Contaminant Qty:</b>					

<a href="#">20</a>	2 of 24	N/199.2	67.8 / -2.71	C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	PRT
<b>Location ID:</b>	19762				
<b>Type:</b>	retail				
<b>Expiry Date:</b>	1996-02-28				
<b>Capacity (L):</b>	15926				
<b>Licence #:</b>	0076355528				

<a href="#">20</a>	3 of 24	N/199.2	67.8 / -2.71	C CORP (ONTARIO) INC. 256 RICHMOND ROAD, WINKS, SWM OTTAWA CITY ON K1Z 6W9	CA
<b>Certificate #:</b>	3-1388-97-				
<b>Application Year:</b>	97				
<b>Issue Date:</b>	9/30/1997				
<b>Approval Type:</b>	Municipal sewage				
<b>Status:</b>	Approved				
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					

<a href="#">20</a>	4 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	FSTH
<b>License Issue Date:</b>	8/1/2002				
<b>Tank Status:</b>	Licensed				
<b>Tank Status As Of:</b>	August 2007				
<b>Operation Type:</b>	Retail Fuel Outlet				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Facility Type:</b>		Gasoline Station - Self Serve			
<b>--Details--</b>					
<b>Status:</b>		Active			
<b>Year of Installation:</b>		1974			
<b>Corrosion Protection:</b>					
<b>Capacity:</b>		22600			
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall UST - Gasoline			
<b>Status:</b>		Active			
<b>Year of Installation:</b>		1974			
<b>Corrosion Protection:</b>					
<b>Capacity:</b>		22600			
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall UST - Gasoline			
<b>Status:</b>		Active			
<b>Year of Installation:</b>		1974			
<b>Corrosion Protection:</b>					
<b>Capacity:</b>		22600			
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall UST - Gasoline			
<b>Status:</b>		Active			
<b>Year of Installation:</b>		1974			
<b>Corrosion Protection:</b>					
<b>Capacity:</b>		22600			
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall UST - Gasoline			

<a href="#">20</a>	5 of 24	N/199.2	67.8 / -2.71	MACS CONVENIENCE STORES INC. 256 RICHMOND RD., OTTAWA ON K1Z 6W9	GEN
<b>Generator No:</b>	ON8452716			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	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>	447110				
<b>SIC Description:</b>	Gasoline Stations with Convenience Stores				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	221				
<b>Waste Class Desc:</b>	LIGHT FUELS				

<a href="#">20</a>	6 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	FSTH
<b>License Issue Date:</b>	8/1/2002				
<b>Tank Status:</b>	Licensed				
<b>Tank Status As Of:</b>	December 2008				
<b>Operation Type:</b>	Retail Fuel Outlet				
<b>Facility Type:</b>	Gasoline Station - Self Serve				
<b>--Details--</b>					
<b>Status:</b>		Active			
<b>Year of Installation:</b>		1974			
<b>Corrosion Protection:</b>					
<b>Capacity:</b>		22600			
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall UST - Gasoline			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b>		Active			
<b>Year of Installation:</b>		1974			
<b>Corrosion Protection:</b>					
<b>Capacity:</b>		22600			
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall UST - Gasoline			
<b>Status:</b>		Active			
<b>Year of Installation:</b>		1974			
<b>Corrosion Protection:</b>					
<b>Capacity:</b>		22600			
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall UST - Gasoline			
<b>Status:</b>		Active			
<b>Year of Installation:</b>		1974			
<b>Corrosion Protection:</b>					
<b>Capacity:</b>		22600			
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall UST - Gasoline			
<b>Status:</b>		Active			
<b>Year of Installation:</b>		1997			
<b>Corrosion Protection:</b>					
<b>Capacity:</b>		50000			
<b>Tank Fuel Type:</b>		Liquid Fuel Double Wall UST - Gasoline			
<b>Status:</b>		Active			
<b>Year of Installation:</b>		1997			
<b>Corrosion Protection:</b>					
<b>Capacity:</b>		25000			
<b>Tank Fuel Type:</b>		Liquid Fuel Double Wall UST - Gasoline			

<a href="#">20</a>	7 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	DTNK
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**Delisted Expired Fuel Safety Facilities**

**Instance No:** 63309344  
**Status:** EXPIRED  
**Instance ID:** 347030  
**Instance Type:** FS Piping  
**Description:** FS Piping  
**TSSA Program Area:**  
**Maximum Hazard Rank:**  
**Facility Type:**  
**Expired Date:**  
**Original Source:** EXP  
**Record Date:** Up to Mar 2012

<a href="#">20</a>	8 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	DTNK
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**Delisted Expired Fuel Safety Facilities**

**Instance No:** 11106213  
**Status:** EXPIRED  
**Instance ID:** 69351  
**Instance Type:** FS Piping

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		FS Piping			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
Original Source:		EXP			
Record Date:		Up to Mar 2012			

<a href="#">20</a>	9 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	FST
Instance No:	11515366	Manufacturer:			
Status:		Serial No:			
Cont Name:		Ulc Standard:			
Instance Type:	FS Liquid Fuel Tank	Quantity:			
Item:	FS LIQUID FUEL TANK	Unit of Measure:			
Item Description:	FS Liquid Fuel Tank	Fuel Type:		Gasoline	
Tank Type:	Double Wall UST	Fuel Type2:		NULL	
Install Date:	5/20/2009	Fuel Type3:		NULL	
Install Year:	1997	Piping Steel:			
Years in Service:		Piping Galvanized:			
Model:	NULL	Tanks Single Wall St:			
Description:		Piping Underground:			
Capacity:	25000	Num Underground:			
Tank Material:	Steel	Panam Related:			
Corrosion Protect:		Panam Venue:			
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:	FS Gasoline Station - Self Serve				
Facility Location:					
Device Installed Location:	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				

**Fuel Storage Tank Details**

Owner Account Name: MAC'S CONVENIENCE STORES INC

<a href="#">20</a>	10 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	FST
Instance No:	11515358	Manufacturer:			
Status:		Serial No:			
Cont Name:		Ulc Standard:			
Instance Type:	FS Liquid Fuel Tank	Quantity:			
Item:	FS LIQUID FUEL TANK	Unit of Measure:			
Item Description:	FS Liquid Fuel Tank	Fuel Type:		Gasoline	
Tank Type:	Double Wall UST	Fuel Type2:		NULL	
Install Date:	5/20/2009	Fuel Type3:		NULL	
Install Year:	1997	Piping Steel:			
Years in Service:		Piping Galvanized:			
Model:	NULL	Tanks Single Wall St:			
Description:		Piping Underground:			
Capacity:	50000	Num Underground:			
Tank Material:	Steel	Panam Related:			
Corrosion Protect:		Panam Venue:			
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:	FS Gasoline Station - Self Serve				
Facility Location:					
Device Installed Location:	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Fuel Storage Tank Details**

Owner Account Name: MAC'S CONVENIENCE STORES INC

<a href="#">20</a>	11 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	EXP
<b>Instance No:</b>	11106196			<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>	5/20/2009			<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 1:23:48 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 UNDERGROUND TANK				
<b>Serial No:</b>	NULL				
<b>Ulc Standard:</b>	NULL				
<b>Facility Location:</b>	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				

<a href="#">20</a>	12 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	EXP
<b>Instance No:</b>	11106161			<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>	5/20/2009			<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 1:23:50 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 UNDERGROUND TANK				
<b>Serial No:</b>	NULL				
<b>Ulc Standard:</b>	NULL				
<b>Facility Location:</b>	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				

<a href="#">20</a>	13 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	EXP
<b>Instance No:</b>	11106144			<b>Model:</b>	NULL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<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>		5/20/2009		<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 1:23:51 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 UNDERGROUND TANK			
<b>Serial No:</b>		NULL			
<b>Ulc Standard:</b>		NULL			
<b>Facility Location:</b>		256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA			

<a href="#">20</a>	14 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	EXP
<b>Instance No:</b>		11106181		<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>		5/20/2009		<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 1:23:53 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 UNDERGROUND TANK			
<b>Serial No:</b>		NULL			
<b>Ulc Standard:</b>		NULL			
<b>Facility Location:</b>		256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA			

<a href="#">20</a>	15 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	FST
<b>Instance No:</b>		64732585		<b>Manufacturer:</b>	NULL
<b>Status:</b>		Active		<b>Serial No:</b>	NULL
<b>Cont Name:</b>				<b>Ulc Standard:</b>	NULL
<b>Instance Type:</b>		FS Liquid Fuel Tank		<b>Quantity:</b>	1
<b>Item:</b>		FS LIQUID FUEL TANK		<b>Unit of Measure:</b>	EA
<b>Item Description:</b>		FS Liquid Fuel Tank		<b>Fuel Type:</b>	Gasoline
<b>Tank Type:</b>		Double Wall UST		<b>Fuel Type2:</b>	NULL
<b>Install Date:</b>		6/7/2016 10:39:25 AM		<b>Fuel Type3:</b>	NULL
<b>Install Year:</b>		2016		<b>Piping Steel:</b>	
<b>Years in Service:</b>		NULL		<b>Piping Galvanized:</b>	
<b>Model:</b>		NULL		<b>Tanks Single Wall St:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Description:**  
**Capacity:** 75000  
**Tank Material:** Fiberglass (FRP)  
**Corrosion Protect:** Fiberglass  
**Overfill Protect:**  
**Facility Type:** FS Liquid Fuel Tank  
**Parent Facility Type:** FS Gasoline Station - Self Serve  
**Facility Location:** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA  
**Device Installed Location:** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA

**Piping Underground:**  
**Num Underground:**  
**Panam Related:** NULL  
**Panam Venue:** NULL

**Fuel Storage Tank Details**

**Owner Account Name:** MAC'S CONVENIENCE STORES INC

**Liquid Fuel Tank Details**

**Overfill Protection:** Gravity  
**Owner Account Name:** MAC'S CONVENIENCE STORES INC

<a href="#">20</a>	16 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	FST
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**Instance No:** 64732587  
**Status:** Active  
**Cont Name:**  
**Instance Type:** FS Liquid Fuel Tank  
**Item:** FS LIQUID FUEL TANK  
**Item Description:** FS Liquid Fuel Tank  
**Tank Type:** Double Wall UST  
**Install Date:** 6/7/2016 10:40:25 AM  
**Install Year:** 2016  
**Years in Service:** NULL  
**Model:** NULL  
**Description:**  
**Capacity:** 65000  
**Tank Material:** Fiberglass (FRP)  
**Corrosion Protect:** Fiberglass  
**Overfill Protect:**  
**Facility Type:** FS Liquid Fuel Tank  
**Parent Facility Type:** FS Gasoline Station - Self Serve  
**Facility Location:** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA  
**Device Installed Location:** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA

**Manufacturer:** NULL  
**Serial No:** NULL  
**Ulc Standard:** NULL  
**Quantity:** 1  
**Unit of Measure:** EA  
**Fuel Type:** Diesel  
**Fuel Type2:** Gasoline  
**Fuel Type3:** NULL  
**Piping Steel:**  
**Piping Galvanized:**  
**Tanks Single Wall St:**  
**Piping Underground:**  
**Num Underground:**  
**Panam Related:** NULL  
**Panam Venue:** NULL

**Fuel Storage Tank Details**

**Owner Account Name:** MAC'S CONVENIENCE STORES INC

**Liquid Fuel Tank Details**

**Overfill Protection:** Gravity  
**Owner Account Name:** MAC'S CONVENIENCE STORES INC

<a href="#">20</a>	17 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD,AT TWEEDSMUIR AVE, OTTAWA,ON,K1Z 6W9,CA ON	INC
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Incident No:</b> <b>Incident ID:</b> <b>Instance No:</b> <b>Status Code:</b> <b>Attribute Category:</b> <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>	1713868	FS-Incident	9/2/2015	<b>Any Health Impact:</b> <b>Any Enviro Impact:</b> <b>Service Interrupted:</b> <b>Was Prop Damaged:</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> <b>Pipeline Involved:</b> <b>Pipe Material:</b> <b>Depth Ground Cover:</b> <b>Regulator Location:</b> <b>Regulator Type:</b> <b>Operation Pressure:</b> <b>Liquid Prop Make:</b> <b>Liquid Prop Model:</b> <b>Liquid Prop Serial No:</b> <b>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>	
				256 RICHMOND RD,AT TWEEDSMUIR AVE,OTTAWA,ON,K1Z 6W9,CA	
				FS GASOLINE STATION - SELF SERVE	

<a href="#">20</a>	18 of 24	N/199.2	67.8 / -2.71	<b>MAC'S CONVENIENCE STORES INC</b> <b>256 RICHMOND RD AT TWEEDSMUIR AVE</b> <b>OTTAWA K1Z 6W9 ON CA</b> <b>ON</b>	<b>EXP</b>	
<b>Instance No:</b> <b>Status:</b> <b>Instance ID:</b> <b>Instance Type:</b> <b>Instance Creation Dt:</b> <b>Instance Install Dt:</b> <b>Item:</b> <b>Item Description:</b> <b>Facility Type:</b> <b>Overfill Prot Type:</b> <b>Creation Date:</b> <b>Expired Date:</b> <b>Manufacturer:</b> <b>Source:</b> <b>Description:</b> <b>Serial No:</b> <b>Ulc Standard:</b> <b>Facility Location:</b>	11515366	Inactive	7/19/2000 8:15:15 PM	5/20/2009	<b>Model:</b> <b>Quantity:</b> <b>Unit of Measure:</b> <b>Fuel Type2:</b> <b>Fuel Type3:</b> <b>Piping Steel:</b> <b>Piping Galvanized:</b> <b>Tank Single Wall St:</b> <b>Piping Underground:</b> <b>Tank Underground:</b> <b>Panam Related:</b> <b>Panam Venue Nm:</b>	NULL 1 EA NULL NULL     NULL NULL
				FS Liquid Fuel Tank		
				FS LIQUID FUEL TANK		
				NULL		
				7/5/2009 1:25:49 AM		
				NULL		
				FS Liquid Fuel Tank		
				2009VBS		
				NULL		
				NULL		
				256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA		

<a href="#">20</a>	19 of 24	N/199.2	67.8 / -2.71	<b>MAC'S CONVENIENCE STORES INC</b> <b>256 RICHMOND RD AT TWEEDSMUIR AVE</b>	<b>EXP</b>
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				OTTAWA K1Z 6W9 ON CA ON	
<b>Instance No:</b>	11515358			<b>Model:</b>	NULL
<b>Status:</b>	Inactive			<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>	5/20/2009			<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 1:25:44 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>	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				

<a href="#">20</a>	20 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	FST
<b>Instance No:</b>	11106181			<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>	5/20/2009			<b>Fuel Type3:</b>	NULL
<b>Install Year:</b>	1974			<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>	22600			<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>	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				
<b><u>Fuel Storage Tank Details</u></b>					
<b>Owner Account Name:</b>	MAC'S CONVENIENCE STORES INC				

<a href="#">20</a>	21 of 24	N/199.2	67.8 / -2.71	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	FST
<b>Instance No:</b>	9911539			<b>Manufacturer:</b>	
<b>Status:</b>	Active			<b>Serial No:</b>	
<b>Cont Name:</b>				<b>Ulc Standard:</b>	
<b>Instance Type:</b>				<b>Quantity:</b>	
<b>Item:</b>	FS GASOLINE STATION - SELF SERVE			<b>Unit of Measure:</b>	
<b>Item Description:</b>				<b>Fuel Type:</b>	
<b>Tank Type:</b>				<b>Fuel Type2:</b>	
<b>Install Date:</b>				<b>Fuel Type3:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Install Year:</b>				<b>Piping Steel:</b>	0
<b>Years in Service:</b>				<b>Piping Galvanized:</b>	0
<b>Model:</b>				<b>Tanks Single Wall St:</b>	0
<b>Description:</b>				<b>Piping Underground:</b>	3
<b>Capacity:</b>				<b>Num Underground:</b>	4
<b>Tank Material:</b>				<b>Panam Related:</b>	
<b>Corrosion Protect:</b>				<b>Panam Venue:</b>	
<b>Overfill Protect:</b>					
<b>Facility Type:</b>					
<b>Parent Facility Type:</b>					
<b>Facility Location:</b>					
<b>Device Installed Location:</b>					

<a href="#">20</a>	22 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	FST
<b>Instance No:</b>	11106196			<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>	5/20/2009			<b>Fuel Type3:</b>	NULL
<b>Install Year:</b>	1974			<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>	22600			<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>	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				

**Fuel Storage Tank Details**

**Owner Account Name:** MAC'S CONVENIENCE STORES INC

<a href="#">20</a>	23 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	FST
<b>Instance No:</b>	11106144			<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>	5/20/2009			<b>Fuel Type3:</b>	NULL
<b>Install Year:</b>	1974			<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>	22600			<b>Num Underground:</b>	
<b>Tank Material:</b>	Steel			<b>Panam Related:</b>	
<b>Corrosion Protect:</b>				<b>Panam Venue:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<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>		256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA			
<b>Fuel Storage Tank Details</b>					
<b>Owner Account Name:</b>		MAC'S CONVENIENCE STORES INC			
<a href="#">20</a>	24 of 24	N/199.2	67.8 / -2.71	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	FST
<b>Instance No:</b>		11106161		<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>		5/20/2009		<b>Fuel Type3:</b> NULL	
<b>Install Year:</b>		1974		<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>		22600		<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>		256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA			
<b>Fuel Storage Tank Details</b>					
<b>Owner Account Name:</b>		MAC'S CONVENIENCE STORES INC			
<a href="#">21</a>	1 of 1	WNW/200.5	68.8 / -1.72	404 Eden Avenue Ottawa ON	EHS
<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="#">22</a>	1 of 1	NNE/208.9	67.9 / -2.66	238 Richmond Rd Ottawa ON K1Z6W6	EHS
<b>Order No:</b>		20131018004		<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>		28-OCT-13		<b>Search Radius (km):</b> .25	
<b>Date Received:</b>		18-OCT-13		<b>X:</b> -75.749364	
<b>Previous Site Name:</b>				<b>Y:</b> 45.393444	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>		Fire Insur. Maps and/or Site Plans; City Directory			

<a href="#">23</a>	1 of 1	N/214.1	67.8 / -2.72	TWEEDSMURI NORTH OF RICHMOND RD. Ottawa ON	WWIS
<b>Well ID:</b>	7136558			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Monitoring			<b>Date Received:</b>	12/21/2009
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	True
<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>	Z106622			<b>Owner:</b>	
<b>Tag:</b>	A092322			<b>Street Name:</b>	TWEEDSMURI NORTH OF 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/713\7136558.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7136558.pdf)

**Additional Detail(s) (Map)**

<b>Well Completed Date:</b>	2009/11/05
<b>Year Completed:</b>	2009
<b>Depth (m):</b>	
<b>Latitude:</b>	45.3935605635419
<b>Longitude:</b>	-75.7499184599365
<b>Path:</b>	713\7136558.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	1002903277	<b>Elevation:</b>	68.099342
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	441301.00
<b>Code OB Desc:</b>		<b>North83:</b>	5026945.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	05-Nov-2009 00:00:00	<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>	1003094007
<b>Layer:</b>	3

<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 From:</b>		9			
<b>Plug To:</b>		20			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1003094006			
<b>Layer:</b>		2			
<b>Plug From:</b>		0.5			
<b>Plug To:</b>		9			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1003094005			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		0.5			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1003094012			
<b>Method Construction Code:</b>		5			
<b>Method Construction:</b>		Air Percussion			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1003094002			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1003094009			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		10			
<b>Casing Diameter:</b>		1.25			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1003094010			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		10			
<b>Screen End Depth:</b>		20			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		1.5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Water Details</u></b>					
Water ID:		1003094008			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<b><u>Hole Diameter</u></b>					
Hole ID:		1003094004			
Diameter:		3.25			
Depth From:		0.0			
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

<a href="#">24</a>	1 of 1	NW/216.2	67.8 / -2.74	281 RICHMOND RD Ottawa ON	WWIS
Well ID:	7317352			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	8/20/2018
Sec. Water Use:	Monitoring			Selected Flag:	True
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z286614			Owner:	
Tag:	A215720			Street Name:	281 RICHMOND RD
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):

**Additional Detail(s) (Map)**

Well Completed Date:	2018/05/15
Year Completed:	2018
Depth (m):	4.572
Latitude:	45.3933069696816
Longitude:	-75.7515248328899
Path:	

**Bore Hole Information**

Bore Hole ID:	1007262295	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441175.00
Code OB Desc:		North83:	5026918.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Date Completed:</b>	15-May-2018 00:00:00			<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>	1007440919				
<b>Layer:</b>	2				
<b>Color:</b>	6				
<b>General Color:</b>	BROWN				
<b>Mat1:</b>	08				
<b>Most Common Material:</b>	FINE SAND				
<b>Mat2:</b>	05				
<b>Mat2 Desc:</b>	CLAY				
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>	1.0				
<b>Formation End Depth:</b>	11.0				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	1007440920				
<b>Layer:</b>	3				
<b>Color:</b>	2				
<b>General Color:</b>	GREY				
<b>Mat1:</b>	17				
<b>Most Common Material:</b>	SHALE				
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>	11.0				
<b>Formation End Depth:</b>	15.0				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	1007440918				
<b>Layer:</b>	1				
<b>Color:</b>	2				
<b>General Color:</b>	GREY				
<b>Mat1:</b>	27				
<b>Most Common Material:</b>	OTHER				
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>	0.0				
<b>Formation End Depth:</b>	1.0				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</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>Plug ID:</b>		1007440931			
<b>Layer:</b>		3			
<b>Plug From:</b>		4			
<b>Plug To:</b>		15			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007440930			
<b>Layer:</b>		2			
<b>Plug From:</b>		1			
<b>Plug To:</b>		4			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007440929			
<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>		1007440928			
<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>		1007440917			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1007440925			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		5			
<b>Screen End Depth:</b>		15			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		1.6599999666214			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1007440923			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>			1007440921		
<b>Diameter:</b>			2.875		
<b>Depth From:</b>			0.0		
<b>Depth To:</b>			11.0		
<b>Hole Depth UOM:</b>			ft		
<b>Hole Diameter UOM:</b>			inch		
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>			1007440922		
<b>Diameter:</b>			2.25		
<b>Depth From:</b>			11.0		
<b>Depth To:</b>			15.0		
<b>Hole Depth UOM:</b>			ft		
<b>Hole Diameter UOM:</b>			inch		
<b>25</b>	1 of 1	<b>WNW/217.9</b>	<b>68.7 / -1.78</b>	<b>Cassone Construction 300 Richmond Rd. Ottawa ON</b>	<b>GEN</b>
<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				
<b>26</b>	1 of 1	<b>NW/218.8</b>	<b>67.9 / -2.66</b>	<b>277 RICHMOND RD Ottawa ON</b>	<b>WWIS</b>
<b>Well ID:</b>	7317351			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Test Hole			<b>Date Received:</b>	8/20/2018
<b>Sec. Water Use:</b>	Monitoring			<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	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>	Z286616			<b>Owner:</b>	
<b>Tag:</b>	A215721			<b>Street Name:</b>	277 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>Additional Detail(s) (Map)</u></b>					
<b>Well Completed Date:</b>	2018/05/15				
<b>Year Completed:</b>	2018				
<b>Depth (m):</b>					
<b>Latitude:</b>	45.3933797303451				

<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>Longitude:</b>		-75.7514108166544			
<b>Path:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	1007262292			<b>Elevation:</b>	
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>				<b>East83:</b>	441184.00
<b>Code OB Desc:</b>				<b>North83:</b>	5026926.00
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>	15-May-2018 00:00:00			<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>	1007440905				
<b>Layer:</b>	3				
<b>Color:</b>	2				
<b>General Color:</b>	GREY				
<b>Mat1:</b>	17				
<b>Most Common Material:</b>	SHALE				
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>					
<b>Formation End Depth:</b>					
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	1007440904				
<b>Layer:</b>	2				
<b>Color:</b>	6				
<b>General Color:</b>	BROWN				
<b>Mat1:</b>	08				
<b>Most Common Material:</b>	FINE SAND				
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>					
<b>Formation End Depth:</b>					
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	1007440903				
<b>Layer:</b>	1				
<b>Color:</b>	2				
<b>General Color:</b>	GREY				



<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>Mat1:</b>		27			
<b>Most Common Material:</b>		OTHER			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>					
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007440914			
<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 Sealing Record</u></b>					
<b>Plug ID:</b>		1007440915			
<b>Layer:</b>		2			
<b>Plug From:</b>		1			
<b>Plug To:</b>		4			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007440916			
<b>Layer:</b>		3			
<b>Plug From:</b>		4			
<b>Plug To:</b>		15			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1007440913			
<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>		1007440902			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1007440910			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		5			
<b>Screen End Depth:</b>		15			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		1.6599999666214			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1007440908			
<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>		1007440906			
<b>Diameter:</b>		2.875			
<b>Depth From:</b>		0.0			
<b>Depth To:</b>		11.0			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1007440907			
<b>Diameter:</b>		2.25			
<b>Depth From:</b>		11.0			
<b>Depth To:</b>		15.0			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			

<a href="#">27</a>	1 of 1	<b>NNE/220.4</b>	<b>67.8 / -2.70</b>	<b>ON</b>	<b>WWIS</b>
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<b>Well ID:</b>	1508932	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Commerical	<b>Date Received:</b>	8/5/1958
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	3601
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<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/150\1508932.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508932.pdf)

**Additional Detail(s) (Map)**

<b>Well Completed Date:</b>	1958/07/24
<b>Year Completed:</b>	1958
<b>Depth (m):</b>	35.052
<b>Latitude:</b>	45.393581055063

<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>Longitude:</b>		-75.7495392934668			
<b>Path:</b>		150\1508932.pdf			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	10030966			<b>Elevation:</b>	68.793540
<b>DP2BR:</b>	20.00			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>	r			<b>East83:</b>	441330.70
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	5026947.00
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	5
<b>Date Completed:</b>	24-Jul-1958 00:00:00			<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>				<b>Location Method:</b>	p5
<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>	931010990				
<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>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>	20.0				
<b>Formation End Depth:</b>	115.0				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	931010989				
<b>Layer:</b>	1				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	05				
<b>Most Common Material:</b>	CLAY				
<b>Mat2:</b>	13				
<b>Mat2 Desc:</b>	BOULDERS				
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>	0.0				
<b>Formation End Depth:</b>	20.0				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>	961508932				
<b>Method Construction Code:</b>	1				
<b>Method Construction:</b>	Cable Tool				
<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>		10579536			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930054562			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		24			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930054563			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		115			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991508932			
<b>Pump Set At:</b>					
<b>Static Level:</b>		35.0			
<b>Final Level After Pumping:</b>		60.0			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		17.0			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933463642			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		110.0			
<b>Water Found Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>28</u>	1 of 1	NNE/220.6	67.8 / -2.70	ON	BORE

**Borehole ID:** 613016  
**OGF ID:** 215514321  
**Status:**  
**Type:** Borehole  
**Use:**  
**Completion Date:** JUL-1958  
**Static Water Level:**  
**Primary Water Use:**  
**Sec. Water Use:**  
**Total Depth m:** 35.1  
**Depth Ref:** Ground Surface  
**Depth Elev:**  
**Drill Method:**  
**Orig Ground Elev m:** 68.6  
**Elev Reliabil Note:**  
**DEM Ground Elev m:** 68.8  
**Concession:**  
**Location D:**  
**Survey D:**  
**Comments:**

**Inclin FLG:** No  
**SP Status:** Initial Entry  
**Surv Elev:** No  
**Piezometer:** No  
**Primary Name:**  
**Municipality:**  
**Lot:**  
**Township:**  
**Latitude DD:** 45.393583  
**Longitude DD:** -75.74954  
**UTM Zone:** 18  
**Easting:** 441331  
**Northing:** 5026947  
**Location Accuracy:**  
**Accuracy:** Not Applicable

#### Borehole Geology Stratum

**Geology Stratum ID:** 218393376  
**Top Depth:** 0  
**Bottom Depth:** 6.1  
**Material Color:**  
**Material 1:** Clay  
**Material 2:** Boulders  
**Material 3:**  
**Material 4:**  
**Gsc Material Description:**  
**Stratum Description:** CLAY.

**Mat Consistency:**  
**Material Moisture:**  
**Material Texture:**  
**Non Geo Mat Type:**  
**Geologic Formation:**  
**Geologic Group:**  
**Geologic Period:**  
**Depositional Gen:**

**Geology Stratum ID:** 218393377  
**Top Depth:** 6.1  
**Bottom Depth:** 35.1  
**Material Color:** Brown  
**Material 1:** Limestone  
**Material 2:**  
**Material 3:**  
**Material 4:**  
**Gsc Material Description:**  
**Stratum Description:** LIMESTONE. GREY. 00110SPECIFIED. SAND. BROWN,COMPACT. SAND-FINE. COMPACT. COMPACT. BEDR \*\*Note: Many records provided by the department have a truncated [Stratum Description] field.

**Mat Consistency:** Compact  
**Material Moisture:**  
**Material Texture:** Fine  
**Non Geo Mat Type:**  
**Geologic Formation:**  
**Geologic Group:**  
**Geologic Period:**  
**Depositional Gen:**

#### Source

**Source Type:** Data Survey  
**Source Orig:** Geological Survey of Canada  
**Source Date:** 1956-1972  
**Confidence:**  
**Observatio:**  
**Source Name:** Urban Geology Automated Information System (UGAIS)  
**Source Details:** File: OTTAWA2.txt RecordID: 05524 NTS\_Sheet:  
**Confiden 1:**

**Source Appl:** Spatial/Tabular  
**Source Iden:** 1  
**Scale or Res:** Varies  
**Horizontal:** NAD27  
**Verticalda:** Mean Average Sea Level

#### Source List

**Source Identifier:** 1  
**Horizontal Datum:** NAD27

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Source Type:</b>		Data Survey		<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>		1956-1972		<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>		Varies			
<b>Source Name:</b>		Urban Geology Automated Information System (UGAIS)			
<b>Source Originators:</b>		Geological Survey of Canada			

<a href="#">29</a>	1 of 1	<b>N/222.8</b>	<b>67.8 / -2.68</b>	<b>TWEDSMUIR R NORTH OF RICHMOND RD. ON</b>	<b>WWIS</b>
<b>Well ID:</b>	7136559			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Monitoring			<b>Date Received:</b>	12/21/2009
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	0			<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>	Z106623			<b>Owner:</b>	
<b>Tag:</b>	A092413			<b>Street Name:</b>	TWEDSMUIR R NORTH OF 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/713\7136559.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7136559.pdf)

#### Additional Detail(s) (Map)

**Well Completed Date:** 2009/11/05  
**Year Completed:** 2009  
**Depth (m):**  
**Latitude:** 45.3936331548876  
**Longitude:** -75.7498299902651  
**Path:** 713\7136559.pdf

#### Bore Hole Information

<b>Bore Hole ID:</b>	1002903280	<b>Elevation:</b>	68.496704
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	441308.00
<b>Code OB Desc:</b>		<b>North83:</b>	5026953.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	05-Nov-2009 00:00:00	<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

<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>Plug ID:</i>		1003094018			
<i>Layer:</i>		2			
<i>Plug From:</i>		0.5			
<i>Plug To:</i>		11			
<i>Plug Depth UOM:</i>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<i>Plug ID:</i>		1003094019			
<i>Layer:</i>		3			
<i>Plug From:</i>		11			
<i>Plug To:</i>		22			
<i>Plug Depth UOM:</i>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<i>Plug ID:</i>		1003094017			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		0.5			
<i>Plug Depth UOM:</i>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<i>Method Construction ID:</i>		1003094024			
<i>Method Construction Code:</i>		5			
<i>Method Construction:</i>		Air Percussion			
<i>Other Method Construction:</i>					
<b><u>Pipe Information</u></b>					
<i>Pipe ID:</i>		1003094014			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<b><u>Construction Record - Casing</u></b>					
<i>Casing ID:</i>		1003094021			
<i>Layer:</i>		1			
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>		0			
<i>Depth To:</i>		12			
<i>Casing Diameter:</i>		1.25			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<b><u>Construction Record - Screen</u></b>					
<i>Screen ID:</i>		1003094022			
<i>Layer:</i>		1			
<i>Slot:</i>		10			
<i>Screen Top Depth:</i>		12			
<i>Screen End Depth:</i>		22			
<i>Screen Material:</i>		5			
<i>Screen Depth UOM:</i>		ft			
<i>Screen Diameter UOM:</i>		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Diameter:		1.5			
<b><u>Water Details</u></b>					
Water ID:		1003094020			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<b><u>Hole Diameter</u></b>					
Hole ID:		1003094016			
Diameter:		3.25			
Depth From:		0.0			
Depth To:		22.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

<u>30</u>	1 of 1	NW/223.4	67.9 / -2.64	ON	WWIS
Well ID:		7224473		Data Entry Status: Yes	
Construction Date:				Data Src:	
Primary Water Use:				Date Received: 7/24/2014	
Sec. Water Use:				Selected Flag: True	
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor: 6964	
Casing Material:				Form Version: 8	
Audit No: C22339				Owner:	
Tag: A147227				Street Name:	
Construction Method:				County: OTTAWA	
Elevation (m):				Municipality: NEPEAN TOWNSHIP	
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):

**Additional Detail(s) (Map)**

Well Completed Date:	2014/05/12
Year Completed:	2014
Depth (m):	
Latitude:	45.3930872572404
Longitude:	-75.7520840454364
Path:	

**Bore Hole Information**

Bore Hole ID:	1004963049	Elevation:	66.485649
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441131.00
Code OB Desc:		North83:	5026894.00



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 12-May-2014 00:00:00 <b>Remarks:</b> <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="#">31</a>	1 of 1	WSW/225.0	71.7 / 1.17	439 Churchill Avenue North Ottawa ON K1Z 5E1	EHS
<b>Order No:</b> 21022600123 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 03-MAR-21 <b>Date Received:</b> 26-FEB-21 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.7526435 <b>Y:</b> 45.390686					
<a href="#">32</a>	1 of 7	NNW/225.8	67.9 / -2.66	267 Richmond Rd OTTAWA ON	HINC
<b>External File Num:</b> FS INC 0611-03751 <b>Fuel Occurrence Type:</b> Fire <b>Date of Occurrence:</b> 11/4/2006 <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> Yes <b>Fuel Life Cycle Stage:</b> Utilization <b>Root Cause:</b> Root Cause: Equipment/Material/Component:Yes Procedures:Yes Maintenance:Yes Design:No Training:No Management:No Human Factors:No <b>Reported Details:</b> <b>Fuel Category:</b> Gaseous Fuel <b>Occurrence Type:</b> Incident <b>Affiliation:</b> Member of the General Public <b>County Name:</b> Prescott and Russell <b>Approx. Quant. Rel:</b> <b>Nearby body of water:</b> <b>Enter Drainage Syst.:</b> <b>Approx. Quant. Unit:</b> <b>Environmental Impact:</b>					
<a href="#">32</a>	2 of 7	NNW/225.8	67.9 / -2.66	850676 ontario Limited 267 Richmond Rd. Ottawa ON K1Z 6X3	GEN
<b>Generator No:</b> ON6611485 <b>Status:</b> <b>Approval Years:</b> 2016 <b>Contam. Facility:</b> No <b>MHSW Facility:</b> No <b>SIC Code:</b> 238160, 238170 <b>SIC Description:</b> ROOFING CONTRACTORS, SIDING CONTRACTORS					
<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_ADMIN <b>Co Admin:</b> Floyd W Cunning <b>Phone No Admin:</b> 613-724-6116 Ext.					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Detail(s)</b>					
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<a href="#">32</a>	3 of 7	NNW/225.8	67.9 / -2.66	267 Richmond Road Ottawa ON K1Z 6X3	EHS
<b>Order No:</b>	20200507027			<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>	12-MAY-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	07-MAY-20			<b>X:</b>	-75.7512305
<b>Previous Site Name:</b>				<b>Y:</b>	45.3935097
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				
<a href="#">32</a>	4 of 7	NNW/225.8	67.9 / -2.66	267 Richmond Road Ottawa ON K1Z 6X3	EHS
<b>Order No:</b>	20200507027			<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>	12-MAY-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	07-MAY-20			<b>X:</b>	-75.7512305
<b>Previous Site Name:</b>				<b>Y:</b>	45.3935097
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				
<a href="#">32</a>	5 of 7	NNW/225.8	67.9 / -2.66	267 Richmond Road Ottawa ON K1Z 6X3	EHS
<b>Order No:</b>	20200507027			<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>	12-MAY-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	07-MAY-20			<b>X:</b>	-75.7512305
<b>Previous Site Name:</b>				<b>Y:</b>	45.3935097
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				
<a href="#">32</a>	6 of 7	NNW/225.8	67.9 / -2.66	267 Richmond Road Ottawa ON K1Z 6X3	EHS
<b>Order No:</b>	20200507027			<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>	12-MAY-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	07-MAY-20			<b>X:</b>	-75.7512305
<b>Previous Site Name:</b>				<b>Y:</b>	45.3935097
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				
<a href="#">32</a>	7 of 7	NNW/225.8	67.9 / -2.66	267 Richmond Road Ottawa ON K1Z 6X3	EHS
<b>Order No:</b>	20200507027			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	12-MAY-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	07-MAY-20			<b>X:</b>	-75.7512305
<b>Previous Site Name:</b>				<b>Y:</b>	45.3935097
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				

[33](#)    1 of 1    **NNW/226.9**    **67.8 / -2.71**    **ON**    **WWIS**

<b>Well ID:</b>	7336502	<b>Data Entry Status:</b>	Yes
<b>Construction Date:</b>		<b>Data Src:</b>	
<b>Primary Water Use:</b>		<b>Date Received:</b>	7/8/2019
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	True
<b>Final Well Status:</b>		<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	1844
<b>Casing Material:</b>		<b>Form Version:</b>	8
<b>Audit No:</b>	C30164	<b>Owner:</b>	
<b>Tag:</b>	A251269	<b>Street Name:</b>	
<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):**

**Additional Detail(s) (Map)**

<b>Well Completed Date:</b>	2019/06/04
<b>Year Completed:</b>	2019
<b>Depth (m):</b>	
<b>Latitude:</b>	45.3936553738444
<b>Longitude:</b>	-75.7505584984458
<b>Path:</b>	

**Bore Hole Information**

<b>Bore Hole ID:</b>	1007500416	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	441251.00
<b>Code OB Desc:</b>		<b>North83:</b>	5026956.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	04-Jun-2019 00:00:00	<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>			

[34](#)    1 of 1    **WNW/227.4**    **68.7 / -1.79**    **Forbie Activewear**    **SCT**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				314 Richmond Rd Ottawa ON K1Z 6X6	
<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="#">35</a>	1 of 1	NNW/228.3	67.8 / -2.67	TWEEDSMUIR NORTH OF RICHMOND RD. Ottawa ON	WWIS
<b>Well ID:</b>	7136557			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Monitoring			<b>Date Received:</b>	12/21/2009
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	True
<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>	Z106621			<b>Owner:</b>	
<b>Tag:</b>	A085405			<b>Street Name:</b>	TWEEDSMUIR NORTH OF 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>	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7136557.pdf				
<b>Additional Detail(s) (Map)</b>					
<b>Well Completed Date:</b>	2009/11/05				
<b>Year Completed:</b>	2009				
<b>Depth (m):</b>					
<b>Latitude:</b>	45.3936265250825				
<b>Longitude:</b>	-75.7508391815939				
<b>Path:</b>	713\7136557.pdf				
<b>Bore Hole Information</b>					
<b>Bore Hole ID:</b>	1002903274			<b>Elevation:</b>	65.916038
<b>DP2BR:</b>				<b>Elevrc:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>				<b>East83:</b>	441229.00
<b>Code OB Desc:</b>				<b>North83:</b>	5026953.00
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>	05-Nov-2009 00:00:00			<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>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1003093741			
<b>Layer:</b>		2			
<b>Plug From:</b>		0.5			
<b>Plug To:</b>		12			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1003093742			
<b>Layer:</b>		3			
<b>Plug From:</b>		12			
<b>Plug To:</b>		23			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1003093740			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		0.5			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1003093747			
<b>Method Construction Code:</b>		5			
<b>Method Construction:</b>		Air Percussion			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1003093737			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1003093744			
<b>Layer:</b>		1			
<b>Material:</b>		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		13			
<b>Casing Diameter:</b>		1.25			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1003093745			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		13			
<b>Screen End Depth:</b>		23			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		1.5			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1003093743			
<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>		1003093739			
<b>Diameter:</b>		3.25			
<b>Depth From:</b>		0.0			
<b>Depth To:</b>		23.0			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			

**36**      1 of 1      **ENE/228.5**      **69.8 / -0.68**      **213 WESLEY AVENUE**  
**OTTAWA ON K1Z 7A2**      **HINC**

**External File Num:** FS INC 0905-02516  
**Fuel Occurrence Type:** Pipeline Strike  
**Date of Occurrence:** 5/5/2009  
**Fuel Type Involved:** Natural Gas  
**Status Desc:** Completed - No Action Required  
**Job Type Desc:** Incident/Near-Miss Occurrence (FS)  
**Oper. Type Involved:** Private Dwelling  
**Service Interruptions:** Yes  
**Property Damage:** No  
**Fuel Life Cycle Stage:** Utilization  
**Root Cause:**  
**Reported Details:**  
**Fuel Category:** Gaseous Fuel  
**Occurrence Type:** Incident  
**Affiliation:** Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)  
**County Name:** Ottawa  
**Approx. Quant. Rel:**  
**Nearby body of water:**  
**Enter Drainage Syst.:**  
**Approx. Quant. Unit:**  
**Environmental Impact:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">37</a>	1 of 1	NNW/232.2	67.8 / -2.71	255 RICHMOND RD OTTAWA ON	WWIS

**Well ID:** 7300861  
**Construction Date:**  
**Primary Water Use:** Test Hole  
**Sec. Water Use:** Monitoring  
**Final Well Status:** Observation Wells  
**Water Type:**  
**Casing Material:**  
**Audit No:** Z206460  
**Tag:** A182631  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:**  
**Date Received:** 12/5/2017  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 7241  
**Form Version:** 7  
**Owner:**  
**Street Name:** 255 RICHMOND RD  
**County:** OTTAWA  
**Municipality:** OTTAWA CITY  
**Site Info:**  
**Lot:**  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/730\7300861.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7300861.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 2017/10/16  
**Year Completed:** 2017  
**Depth (m):** 7.62  
**Latitude:** 45.393690704346  
**Longitude:** -75.750661171727  
**Path:** 730\7300861.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b> 1006858111	<b>Elevation:</b> 66.081222
<b>DP2BR:</b>	<b>Elevrc:</b>
<b>Spatial Status:</b>	<b>Zone:</b> 18
<b>Code OB:</b>	<b>East83:</b> 441243.00
<b>Code OB Desc:</b>	<b>North83:</b> 5026960.00
<b>Open Hole:</b>	<b>Org CS:</b> UTM83
<b>Cluster Kind:</b>	<b>UTMRC:</b> 4
<b>Date Completed:</b> 16-Oct-2017 00:00:00	<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**

**Formation ID:** 1007050419  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 06  
**Most Common Material:** SILT

<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>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		66			
<b>Mat3 Desc:</b>		DENSE			
<b>Formation Top Depth:</b>		3.3499999046325684			
<b>Formation End Depth:</b>		7.619999885559082			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1007050418			
<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>		0.0			
<b>Formation End Depth:</b>		3.3499999046325684			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1007050428			
<b>Layer:</b>		2			
<b>Plug From:</b>		0.310000002384186			
<b>Plug To:</b>		4.26999998092651			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1007050427			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		0.310000002384186			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1007050429			
<b>Layer:</b>		3			
<b>Plug From:</b>		4.26999998092651			
<b>Plug To:</b>		7.61999988555908			
<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>		1007050426			
<b>Method Construction Code:</b>		5			
<b>Method Construction:</b>		Air Percussion			
<b>Other Method Construction:</b>					

**Pipe Information**



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		1007050417			
Casing No:		0			
Comment:					
Alt Name:					
<b><u>Construction Record - Screen</u></b>					
Screen ID:		1007050423			
Layer:		1			
Slot:		10			
Screen Top Depth:		4.57000017166138			
Screen End Depth:		7.61999988555908			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82000017166138			
<b><u>Water Details</u></b>					
Water ID:		1007050421			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<b><u>Hole Diameter</u></b>					
Hole ID:		1007050420			
Diameter:		8.25			
Depth From:		0.0			
Depth To:		7.619999885559082			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<a href="#">38</a>	1 of 1	NNW/232.6	67.8 / -2.71	MOTOR VEHICLE 259 RICHMOND RD. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Z 6X1	SPL
Ref No:	65543			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	12/25/1991			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	OTHER CONTAINER LEAK			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	POSSIBLE			Site Municipality:	20101
Nature of Impact:	Surface Water Pollution			Site Lot:	
Receiving Medium:	LAND / WATER			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	OTTAWA PUC
Dt MOE Arvl on Scrn:				Site Geo Ref Accu:	
MOE Reported Dt:	12/25/1991			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	DAMAGE BY MOVING EQUIPMENT			Source Type:	
Site Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> MOTOR VEHICLE ACCIDENT: GASOLINE LEAK TO CATCHBASIN <b>Contaminant Qty:</b>					

<a href="#">39</a>	1 of 1	N/234.7	67.8 / -2.68	TWEENMUIR AT CLARE ST Ottawa ON	WWIS
<b>Well ID:</b>	7139974			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>				<b>Date Received:</b>	2/16/2010
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	0			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	1844
<b>Casing Material:</b>				<b>Form Version:</b>	5
<b>Audit No:</b>	M05527			<b>Owner:</b>	
<b>Tag:</b>	A074622			<b>Street Name:</b>	TWEENMUIR AT CLARE ST
<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 \(Map\):](#)

**Additional Detail(s) (Map)**

**Well Completed Date:** 2009/08/17  
**Year Completed:** 2009  
**Depth (m):** 6  
**Latitude:** 45.388035984057  
**Longitude:** -75.7468306361947  
**Path:**

[PDF URL \(Map\):](#)

**Additional Detail(s) (Map)**

**Well Completed Date:** 2009/08/14  
**Year Completed:** 2009  
**Depth (m):**  
**Latitude:** 45.3937490714296  
**Longitude:** -75.749997607498  
**Path:**

[PDF URL \(Map\):](#)

**Additional Detail(s) (Map)**

**Well Completed Date:** 2009/08/14  
**Year Completed:** 2009  
**Depth (m):**  
**Latitude:** 45.382702236259  
**Longitude:** -75.7434521392639  
**Path:**

<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>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	1003269939			<b>Elevation:</b>	67.598548
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>				<b>East83:</b>	441295.00
<b>Code OB Desc:</b>				<b>North83:</b>	5026966.00
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>	This is a record from cluster log sheet			<b>UTMRC:</b>	4
<b>Date Completed:</b>	14-Aug-2009 00:00:00			<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>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>	1003269943				
<b>Layer:</b>					
<b>Plug From:</b>					
<b>Plug To:</b>					
<b>Plug Depth UOM:</b>					
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>	1003269942				
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b>	HSA				
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>	1003269944				
<b>Casing No:</b>	0				
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>	1003269946				
<b>Layer:</b>					
<b>Material:</b>	1				
<b>Open Hole or Material:</b>	STEEL				
<b>Depth From:</b>					
<b>Depth To:</b>	4.5				
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>					
<b>Casing Depth UOM:</b>	m				
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>	1003269945				
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>	4.5				

<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>
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Screen End Depth: 6.09999990463257  
Screen Material:  
Screen Depth UOM: m  
Screen Diameter UOM:  
Screen Diameter:

**Results of Well Yield Testing**

Pump Test ID: 1003269947  
Pump Set At:  
Static Level:  
Final Level After Pumping:  
Recommended Pump Depth:  
Pumping Rate:  
Flowing Rate:  
Recommended Pump Rate:  
Levels UOM:  
Rate UOM:  
Water State After Test Code:  
Water State After Test:  
Pumping Test Method:  
Pumping Duration HR:  
Pumping Duration MIN:  
Flowing:

**Hole Diameter**

Hole ID: 1003269941  
Diameter: 20.0  
Depth From:  
Depth To: 6.099999904632568  
Hole Depth UOM: m  
Hole Diameter UOM: cm

**Bore Hole Information**

Bore Hole ID:	1003269930	Elevation:	76.155502
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441796.00
Code OB Desc:		North83:	5025734.00
Open Hole:		Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet	UTMRC:	4
Date Completed:	14-Aug-2009 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Annular Space/Abandonment Sealing Record**

Plug ID: 1003269934  
Layer:  
Plug From:  
Plug To:  
Plug Depth UOM:

**Method of Construction & Well**

<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>Use</u></b>					
<b>Method Construction ID:</b>		1003269933			
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b>		HSA			
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1003269935			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1003269937			
<b>Layer:</b>					
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		3.5			
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>					
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1003269936			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>		3.5			
<b>Screen End Depth:</b>		5.09999990463257			
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>					
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1003269938			
<b>Pump Set At:</b>					
<b>Static Level:</b>					
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>					
<b>Rate UOM:</b>					
<b>Water State After Test Code:</b>					
<b>Water State After Test:</b>					
<b>Pumping Test Method:</b>					
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1003269932			
<b>Diameter:</b>		20.0			
<b>Depth From:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		5.099999904632568			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

**Bore Hole Information**

<b>Bore Hole ID:</b>	1002938374	<b>Elevation:</b>	76.755279
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	441537.00
<b>Code OB Desc:</b>		<b>North83:</b>	5026329.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	17-Aug-2009 00:00:00	<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>	1003269951
<b>Layer:</b>	3
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	01
<b>Most Common Material:</b>	FILL
<b>Mat2:</b>	28
<b>Mat2 Desc:</b>	SAND
<b>Mat3:</b>	06
<b>Mat3 Desc:</b>	SILT
<b>Formation Top Depth:</b>	0.4000000059604645
<b>Formation End Depth:</b>	1.399999976158142
<b>Formation End Depth UOM:</b>	m

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1003269952
<b>Layer:</b>	4
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	84
<b>Mat2 Desc:</b>	SILTY
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	1.399999976158142
<b>Formation End Depth:</b>	4.400000095367432
<b>Formation End Depth UOM:</b>	m

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1003269953
<b>Layer:</b>	5
<b>Color:</b>	2

<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>General Color:</b>		GREY			
<b>Mat1:</b>		26			
<b>Most Common Material:</b>		ROCK			
<b>Mat2:</b>		15			
<b>Mat2 Desc:</b>		LIMESTONE			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		4.400000095367432			
<b>Formation End Depth:</b>		6.0			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1003269950			
<b>Layer:</b>		2			
<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>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.20000000298023224			
<b>Formation End Depth:</b>		0.4000000059604645			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1003269949			
<b>Layer:</b>		1			
<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>		0.0			
<b>Formation End Depth:</b>		0.20000000298023224			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1003269956			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		0.800000011920929			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1003269957			
<b>Layer:</b>		2			
<b>Plug From:</b>		0.800000011920929			
<b>Plug To:</b>		4.30000019073486			
<b>Plug Depth UOM:</b>		m			

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

Method Construction ID: 1003269960  
Method Construction Code:  
Method Construction:  
Other Method Construction:

**Pipe Information**

Pipe ID: 1003269948  
Casing No: 0  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 1003269958  
Layer: 1  
Material: 5  
Open Hole or Material: PLASTIC  
Depth From: 0  
Depth To: 4.5  
Casing Diameter: 5.09999990463257  
Casing Diameter UOM: cm  
Casing Depth UOM: m

**Construction Record - Screen**

Screen ID: 1003269959  
Layer: 1  
Slot: 10  
Screen Top Depth:  
Screen End Depth:  
Screen Material: 5  
Screen Depth UOM: m  
Screen Diameter UOM: cm  
Screen Diameter: 5.80000019073486

**Hole Diameter**

Hole ID: 1003269955  
Diameter: 10.0  
Depth From: 4.5  
Depth To: 6.0  
Hole Depth UOM: m  
Hole Diameter UOM: cm

**Hole Diameter**

Hole ID: 1003269954  
Diameter: 20.0  
Depth From: 0.0  
Depth To: 4.5  
Hole Depth UOM: m  
Hole Diameter UOM: cm



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>OTTAWA ON K1Z 6X3</b>					
<b>Detail Licence No:</b> <b>Licence No:</b> <b>Status:</b> <b>Approval Date:</b> <b>Report Source:</b> <b>Licence Type:</b> Operator <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="#">40</a>	2 of 2	WNW/235.1	68.9 / -1.60	GEVC Interactive Inc. 311 Richmond Rd Suite 204 Ottawa ON K1Z 6X3	SCT
<b>Established:</b> <b>Plant Size (ft²):</b> <b>Employment:</b>		01-AUG-94			
<b>--Details--</b> <b>Description:</b> <b>SIC/NAICS Code:</b>		Software Publishers 511210			
<a href="#">41</a>	1 of 3	WNW/235.2	68.7 / -1.79	HYBRID PHRARM INC 318 RICHMOND RD OTTAWA ON K1Z6X6	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>		ON3143006 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>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		261 C Pharmaceuticals			
<a href="#">41</a>	2 of 3	WNW/235.2	68.7 / -1.79	HYBRID PHRARM INC 318 RICHMOND RD OTTAWA ON K1Z6X6	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b>		ON3143006 Registered As of Jul 2020		<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</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>					
<b>Detail(s)</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="#">41</a>	3 of 3	WNW/235.2	68.7 / -1.79	HYBRID PHARM 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 Apr 2021		<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>		261 C			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		261 A			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		312 P			
<b>Waste Class Desc:</b>		Pathological wastes			
<a href="#">42</a>	1 of 26	NNE/235.2	67.9 / -2.67	PETRO-CANADA 236 RICHMOND ROAD SERVICE STATION OTTAWA CITY ON K1Z 6W6	SPL
<b>Ref No:</b>		99874		<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>		5/14/1994		<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>		CONTAINER OVERFLOW		<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>		CONFIRMED		<b>Site Municipality:</b> 20101	
<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> OTTAWA POLICE, WORKS DEPT.	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>		5/14/1994		<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>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b> PETRO-CANADA: WASTE OIL OVERFLOWED FROM TANK ON- TO STREETS. CLEANED UP.					
<b>Contaminant Qty:</b>					
<a href="#">42</a>	2 of 26	NNE/235.2	67.9 / -2.67	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	PRT
<b>Location ID:</b> 11057					
<b>Type:</b> retail					
<b>Expiry Date:</b> 1995-06-30					
<b>Capacity (L):</b> 0					
<b>Licence #:</b> 0021760001					
<a href="#">42</a>	3 of 26	NNE/235.2	67.9 / -2.67	NICK'S SERVICE CENTRE 236 RICHMOND RD OTTAWA ON K1Z6W6	RST
<b>Headcode:</b> 1186800					
<b>Headcode Desc:</b> Service Stations-Gasoline, Oil & Natural Gas					
<b>Phone:</b> 6137291122					
<b>List Name:</b>					
<b>Description:</b>					
<a href="#">42</a>	4 of 26	NNE/235.2	67.9 / -2.67	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	DTNK
<b><u>Delisted Expired Fuel Safety Facilities</u></b>					
<b>Instance No:</b> 9545808					
<b>Status:</b> EXPIRED					
<b>Instance ID:</b>					
<b>Instance Type:</b> FS Facility					
<b>Description:</b>					
<b>TSSA Program Area:</b>					
<b>Maximum Hazard Rank:</b>					
<b>Facility Type:</b>					
<b>Expired Date:</b> 6/2/2001					
<b>Original Source:</b> EXP					
<b>Record Date:</b> Up to May 2013					
<a href="#">42</a>	5 of 26	NNE/235.2	67.9 / -2.67	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON	DTNK
<b><u>Delisted Expired Fuel Safety Facilities</u></b>					
<b>Instance No:</b> 11342180					
<b>Status:</b> EXPIRED					
<b>Instance ID:</b> 79662					
<b>Instance Type:</b> FS Piping					
<b>Description:</b> FS Piping					
<b>TSSA Program Area:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Maximum Hazard Rank:</b>					
<b>Facility Type:</b>					
<b>Expired Date:</b>					
<b>Original Source:</b> EXP					
<b>Record Date:</b> Up to Mar 2012					

<a href="#">42</a>	6 of 26	NNE/235.2	67.9 / -2.67	BELWINDY ENT LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	FST
<b>Instance No:</b> 11464568					
<b>Status:</b> Active					
<b>Cont Name:</b>					
<b>Instance Type:</b> FS Liquid Fuel Tank					
<b>Item:</b> FS LIQUID FUEL TANK					
<b>Item Description:</b> FS Liquid Fuel Tank					
<b>Tank Type:</b> Single Wall Horizontal AST					
<b>Install Date:</b> 9/17/1996					
<b>Install Year:</b> 1996					
<b>Years in Service:</b> 14.5					
<b>Model:</b> NULL					
<b>Description:</b>					
<b>Capacity:</b> 35000					
<b>Tank Material:</b> Steel					
<b>Corrosion Protect:</b> Coating					
<b>Overfill Protect:</b>					
<b>Facility Type:</b> FS Liquid Fuel Tank					
<b>Parent Facility Type:</b> FS Gasoline Station - Split Serve					
<b>Facility Location:</b> 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA					
<b>Device Installed Location:</b> 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA					

**Fuel Storage Tank Details**

**Owner Account Name:** BELWINDY ENT LTD

**Liquid Fuel Tank Details**

**Overfill Protection:** NULL  
**Owner Account Name:** BELWINDY ENT LTD

<a href="#">42</a>	7 of 26	NNE/235.2	67.9 / -2.67	BELWINDY ENT LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	FST
<b>Instance No:</b> 11464549					
<b>Status:</b> Active					
<b>Cont Name:</b>					
<b>Instance Type:</b> FS Liquid Fuel Tank					
<b>Item:</b> FS LIQUID FUEL TANK					
<b>Item Description:</b> FS Liquid Fuel Tank					
<b>Tank Type:</b> Single Wall Horizontal AST					
<b>Install Date:</b> 9/17/1996					
<b>Install Year:</b> 1996					
<b>Years in Service:</b> 14.5					
<b>Model:</b> NULL					
<b>Description:</b>					
<b>Capacity:</b> 35000					
<b>Tank Material:</b> Steel					
<b>Corrosion Protect:</b> Coating					
<b>Overfill Protect:</b>					
<b>Facility Type:</b> FS Liquid Fuel Tank					
<b>Manufacturer:</b> NULL					
<b>Serial No:</b> NULL					
<b>Ulc Standard:</b> NULL					
<b>Quantity:</b> 1					
<b>Unit of Measure:</b> EA					
<b>Fuel Type:</b> Gasoline					
<b>Fuel Type2:</b> NULL					
<b>Fuel Type3:</b> NULL					
<b>Piping Steel:</b>					
<b>Piping Galvanized:</b>					
<b>Tanks Single Wall St:</b>					
<b>Piping Underground:</b>					
<b>Num Underground:</b>					
<b>Panam Related:</b> NULL					
<b>Panam Venue:</b> NULL					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Parent Facility Type:</b>		FS Gasoline Station - Split Serve			
<b>Facility Location:</b>		236 RICHMOND RD OTTAWA K1Z 6W6 ON CA			
<b>Device Installed Location:</b>		236 RICHMOND RD OTTAWA K1Z 6W6 ON CA			
<b><u>Fuel Storage Tank Details</u></b>					
<b>Owner Account Name:</b>		BELWINDY ENT LTD			
<b><u>Liquid Fuel Tank Details</u></b>					
<b>Overfill Protection:</b>		NULL			
<b>Owner Account Name:</b>		BELWINDY ENT LTD			
<a href="#">42</a>	8 of 26	NNE/235.2	67.9 / -2.67	BELWINDY ENT LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	FST
<b>Instance No:</b>		11464589		<b>Manufacturer:</b> NULL	
<b>Status:</b>		Active		<b>Serial No:</b> NULL	
<b>Cont Name:</b>				<b>Ulc Standard:</b> NULL	
<b>Instance Type:</b>		FS Liquid Fuel Tank		<b>Quantity:</b> 1	
<b>Item:</b>		FS LIQUID FUEL TANK		<b>Unit of Measure:</b> EA	
<b>Item Description:</b>		FS Liquid Fuel Tank		<b>Fuel Type:</b> Gasoline	
<b>Tank Type:</b>		Single Wall Horizontal AST		<b>Fuel Type2:</b> NULL	
<b>Install Date:</b>		9/17/1996		<b>Fuel Type3:</b> NULL	
<b>Install Year:</b>		1996		<b>Piping Steel:</b>	
<b>Years in Service:</b>		14.5		<b>Piping Galvanized:</b>	
<b>Model:</b>		NULL		<b>Tanks Single Wall St:</b>	
<b>Description:</b>				<b>Piping Underground:</b>	
<b>Capacity:</b>		25000		<b>Num Underground:</b>	
<b>Tank Material:</b>		Steel		<b>Panam Related:</b> NULL	
<b>Corrosion Protect:</b>		Coating		<b>Panam Venue:</b> NULL	
<b>Overfill Protect:</b>					
<b>Facility Type:</b>		FS Liquid Fuel Tank			
<b>Parent Facility Type:</b>		FS Gasoline Station - Split Serve			
<b>Facility Location:</b>		236 RICHMOND RD OTTAWA K1Z 6W6 ON CA			
<b>Device Installed Location:</b>		236 RICHMOND RD OTTAWA K1Z 6W6 ON CA			
<b><u>Fuel Storage Tank Details</u></b>					
<b>Owner Account Name:</b>		BELWINDY ENT LTD			
<b><u>Liquid Fuel Tank Details</u></b>					
<b>Overfill Protection:</b>		NULL			
<b>Owner Account Name:</b>		BELWINDY ENT LTD			
<a href="#">42</a>	9 of 26	NNE/235.2	67.9 / -2.67	Enbridge Gas Distribution Inc. 238 Richmond Road Ottawa ON	SPL
<b>Ref No:</b>		5783-9BFKW3		<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>		2013/09/11		<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>		Leak/Break		<b>Sector Type:</b> Pipeline/Components	
<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> 238 Richmond Road	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> Not Anticipated <b>Nature of Impact:</b> Air Pollution <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> Referral to others <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 2013/09/11 <b>Dt Document Closed:</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>Incident Reason:</b> Operator/Human Error <b>Site Name:</b> line damage<UNOFFICIAL> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> Enbridge: 1" steel service damage, still blowing <b>Contaminant Qty:</b> 1 m <sup>3</sup>				<b>Source Type:</b>	

<a href="#">42</a>	10 of 26	NNE/235.2	67.9 / -2.67	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	EXP
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<b>Instance No:</b>	11342118	<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>	10/2/1989	<b>Fuel Type3:</b>	NULL
<b>Instance Install Dt:</b>	10/2/1989	<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 1:24:46 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>	NULL		
<b>Serial No:</b>	NULL		
<b>Ulc Standard:</b>	NULL		
<b>Facility Location:</b>	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA		

<a href="#">42</a>	11 of 26	NNE/235.2	67.9 / -2.67	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	EXP
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<b>Instance No:</b>	11342159	<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>	10/2/1989	<b>Fuel Type3:</b>	NULL
<b>Instance Install Dt:</b>	10/2/1989	<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 1:24:49 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>	NULL		
<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>		236 RICHMOND RD OTTAWA K1Z 6W6 ON CA			
<a href="#">42</a>	12 of 26	NNE/235.2	67.9 / -2.67	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	EXP
<b>Instance No:</b>	11342096			<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>	10/2/1989			<b>Fuel Type3:</b>	NULL
<b>Instance Install Dt:</b>	10/2/1989			<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 1:24:51 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>	NULL				
<b>Serial No:</b>	NULL				
<b>Ulc Standard:</b>	NULL				
<b>Facility Location:</b>	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA				
<a href="#">42</a>	13 of 26	NNE/235.2	67.9 / -2.67	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	EXP
<b>Instance No:</b>	11342137			<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>	10/2/1989			<b>Fuel Type3:</b>	NULL
<b>Instance Install Dt:</b>	10/2/1989			<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 1:24:52 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>	NULL				
<b>Serial No:</b>	NULL				
<b>Ulc Standard:</b>	NULL				
<b>Facility Location:</b>	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA				
<a href="#">42</a>	14 of 26	NNE/235.2	67.9 / -2.67	TWEEDSMUIR AND MAIN URBAN PROPERTIES INC. 236 RICHMOND ROAD, OTTAWA, ON K1Z 6W6 Ottawa ON	RSC
<b>RSC ID:</b>	223185			<b>Cert Date:</b>	
<b>RA No:</b>				<b>Cert Prop Use No:</b>	
<b>RSC Type:</b>	Phase 1 and 2 RSC			<b>Intended Prop Use:</b>	Residential
<b>Curr Property Use:</b>	Commercial			<b>Qual Person Name:</b>	MARK D'ARCY
<b>Ministry District:</b>	Ottawa District Office			<b>Stratified (Y/N):</b>	
<b>Filing Date:</b>	2017/04/27			<b>Audit (Y/N):</b>	
<b>Date Ack:</b>				<b>Entire Leg Prop. (Y/N):</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>
<b>Date Returned:</b> <b>Restoration Type:</b> <b>Soil Type:</b> <b>Criteria:</b> <b>CPU Issued Sect 1686:</b> <b>Asmt Roll No:</b> <b>Prop ID No (PIN):</b> <b>Property Municipal Address:</b> <b>Mailing Address:</b> <b>Latitude &amp; Longitude:</b> <b>UTM Coordinates:</b> <b>Consultant:</b> <b>Legal Desc:</b> <b>Measurement Method:</b> <b>Applicable Standards:</b> <b>RSC PDF:</b>		0614084401014000000 04021-0169 (LT) 236 RICHMOND ROAD, OTTAWA, ON K1Z 6W6		<b>Accuracy Estimate:</b> <b>Telephone:</b> <b>Fax:</b> <b>Email:</b>	
<b><u>Document(s) Detail</u></b>					
<b>Document Heading:</b>		Supporting Documents			
<b>Document Name:</b>		Transfer.pdf			
<b>Document Type:</b>		Copy of any deed(s), transfer(s) or other document(s)			
<b>Document Link:</b>		<a href="https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77806&amp;fileName=BROWNFIELDS-E.pdf">https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77806&amp;fileName=BROWNFIELDS-E.pdf</a>			
<b>Document Heading:</b>		Supporting Documents			
<b>Document Name:</b>		PhaseTwo.pdf			
<b>Document Type:</b>		Phase 2 Conceptual Site Model			
<b>Document Link:</b>		<a href="https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=80018&amp;fileName=PhaseTwo.pdf">https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=80018&amp;fileName=PhaseTwo.pdf</a>			
<b>Document Heading:</b>		Supporting Documents			
<b>Document Name:</b>		Lawyer letter.pdf			
<b>Document Type:</b>		Lawyer's letter consisting of a legal description of the property			
<b>Document Link:</b>		<a href="https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77814&amp;fileName=Lawyer+letter.pdf">https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77814&amp;fileName=Lawyer+letter.pdf</a>			
<b>Document Heading:</b>		Supporting Documents			
<b>Document Name:</b>		Cert of Status.pdf			
<b>Document Type:</b>		Certificate of Status			
<b>Document Link:</b>		<a href="https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77813&amp;fileName=Cert+of+Status.pdf">https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77813&amp;fileName=Cert+of+Status.pdf</a>			
<b>Document Heading:</b>		Supporting Documents			
<b>Document Name:</b>		Plan of survey.pdf			
<b>Document Type:</b>		A Current plan of Survey			
<b>Document Link:</b>		<a href="https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77808&amp;fileName=Plan+of+survey.pdf">https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77808&amp;fileName=Plan+of+survey.pdf</a>			
<b>Document Heading:</b>		Supporting Documents			
<b>Document Name:</b>		Past and Current Use.pdf			
<b>Document Type:</b>		Table of Current and Past Property Use			
<b>Document Link:</b>		<a href="https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77816&amp;fileName=Past+and+Current+Use.pdf">https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77816&amp;fileName=Past+and+Current+Use.pdf</a>			
<b>Document Heading:</b>		Supporting Documents			
<b>Document Name:</b>		Table of APECS.pdf			
<b>Document Type:</b>		Area(s) of Potential Environmental Concern			
<b>Document Link:</b>		<a href="https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77815&amp;fileName=Table+of+APECS.pdf">https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77815&amp;fileName=Table+of+APECS.pdf</a>			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				236 RICHMOND ROAD OTTAWA ON K1Z 6W6	
<b>Generator No:</b>	ON3753609			<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>	447110				
<b>SIC Description:</b>	447110				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	221				
<b>Waste Class Desc:</b>	LIGHT FUELS				
<a href="#">42</a>	16 of 26	NNE/235.2	67.9 / -2.67	236 Richmond Rd Ottawa ON K1Z6W6	EHS
<b>Order No:</b>	20171218059			<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>	-75.749577
<b>Previous Site Name:</b>				<b>Y:</b>	45.393722
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				
<a href="#">42</a>	17 of 26	NNE/235.2	67.9 / -2.67	236 Richmond Road Ottawa ON K1Z 6W6	EHS
<b>Order No:</b>	20191128071			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Site Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	29-NOV-19			<b>Search Radius (km):</b>	.001
<b>Date Received:</b>	28-NOV-19			<b>X:</b>	-75.749577
<b>Previous Site Name:</b>				<b>Y:</b>	45.393722
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">42</a>	18 of 26	NNE/235.2	67.9 / -2.67	236 Richmond Road Ottawa ON K1Z 6W6	EHS
<b>Order No:</b>	20191128071			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Site Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	29-NOV-19			<b>Search Radius (km):</b>	.001
<b>Date Received:</b>	28-NOV-19			<b>X:</b>	-75.749577
<b>Previous Site Name:</b>				<b>Y:</b>	45.393722
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">42</a>	19 of 26	NNE/235.2	67.9 / -2.67	236 Richmond Road Ottawa ON K1Z 6W6	EHS
<b>Order No:</b>	20191128071			<b>Nearest Intersection:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> C <b>Report Type:</b> Site Report <b>Report Date:</b> 29-NOV-19 <b>Date Received:</b> 28-NOV-19 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>				<b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .001 <b>X:</b> -75.749577 <b>Y:</b> 45.393722	

42	20 of 26	NNE/235.2	67.9 / -2.67	236 RICHMOND RD OTTAWA K1Z 6W6 ON	EXP
<b>Instance No:</b> 10164510 <b>Status:</b> Customer Shutdown <b>Instance ID:</b> <b>Instance Type:</b> <b>Instance Creation Dt:</b> <b>Instance Install Dt:</b> <b>Item:</b> FS GASOLINE STATION - SPLIT SERVE <b>Item Description:</b> <b>Facility Type:</b> <b>Overfill Prot Type:</b> <b>Creation Date:</b> <b>Expired Date:</b> <b>Manufacturer:</b> <b>Source:</b> FS All Facility <b>Description:</b> <b>Serial No:</b> <b>Ulc Standard:</b> <b>Facility Location:</b> 236 RICHMOND RD OTTAWA K1Z 6W6				<b>Model:</b> <b>Quantity:</b> <b>Unit of Measure:</b> <b>Fuel Type2:</b> <b>Fuel Type3:</b> <b>Piping Steel:</b> 0 <b>Piping Galvanized:</b> 0 <b>Tank Single Wall St:</b> 0 <b>Piping Underground:</b> 0 <b>Tank Underground:</b> 0 <b>Panam Related:</b> <b>Panam Venue Nm:</b>	

42	21 of 26	NNE/235.2	67.9 / -2.67	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	FST
<b>Instance No:</b> 11342159 <b>Status:</b> <b>Cont Name:</b> <b>Instance Type:</b> <b>Item:</b> FS LIQUID FUEL TANK <b>Item Description:</b> FS Liquid Fuel Tank <b>Tank Type:</b> Liquid Fuel Single Wall UST <b>Install Date:</b> 10/2/1989 <b>Install Year:</b> NULL <b>Years in Service:</b> <b>Model:</b> NULL <b>Description:</b> <b>Capacity:</b> 22700 <b>Tank Material:</b> Steel <b>Corrosion Protect:</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> 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA				<b>Manufacturer:</b> <b>Serial No:</b> <b>Ulc Standard:</b> <b>Quantity:</b> <b>Unit of Measure:</b> <b>Fuel Type:</b> Gasoline <b>Fuel Type2:</b> NULL <b>Fuel Type3:</b> NULL <b>Piping Steel:</b> <b>Piping Galvanized:</b> <b>Tanks Single Wall St:</b> <b>Piping Underground:</b> <b>Num Underground:</b> <b>Panam Related:</b> <b>Panam Venue:</b>	
<b><u>Fuel Storage Tank Details</u></b>					
<b>Owner Account Name:</b>		NICK ROSSOLATOS SERVICE CENTRE LTD			

42	22 of 26	NNE/235.2	67.9 / -2.67	NICK ROSSOLATOS SERVICE CENTRE LTD	FST

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON

<b>Instance No:</b>	11342137	<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>	10/2/1989	<b>Fuel Type3:</b>	NULL
<b>Install Year:</b>	NULL	<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>	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA		

**Fuel Storage Tank Details**

**Owner Account Name:** NICK ROSSOLATOS SERVICE CENTRE LTD

<a href="#">42</a>	23 of 26	NNE/235.2	67.9 / -2.67	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	FST
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<b>Instance No:</b>	11342096	<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>	10/2/1989	<b>Fuel Type3:</b>	NULL
<b>Install Year:</b>	NULL	<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>	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA		

**Fuel Storage Tank Details**

**Owner Account Name:** NICK ROSSOLATOS SERVICE CENTRE LTD

<a href="#">42</a>	24 of 26	NNE/235.2	67.9 / -2.67	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	FST
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<b>Instance No:</b>	11342118	<b>Manufacturer:</b>	
<b>Status:</b>		<b>Serial No:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Cont Name:</b> <b>Instance Type:</b> <b>Item:</b> FS LIQUID FUEL TANK <b>Item Description:</b> FS Liquid Fuel Tank <b>Tank Type:</b> Liquid Fuel Single Wall UST <b>Install Date:</b> 10/2/1989 <b>Install Year:</b> NULL <b>Years in Service:</b> <b>Model:</b> NULL <b>Description:</b> <b>Capacity:</b> 22700 <b>Tank Material:</b> Steel <b>Corrosion Protect:</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> 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA				<b>Ulc Standard:</b> <b>Quantity:</b> <b>Unit of Measure:</b> <b>Fuel Type:</b> Gasoline <b>Fuel Type2:</b> NULL <b>Fuel Type3:</b> NULL <b>Piping Steel:</b> <b>Piping Galvanized:</b> <b>Tanks Single Wall St:</b> <b>Piping Underground:</b> <b>Num Underground:</b> <b>Panam Related:</b> <b>Panam Venue:</b>	

**Fuel Storage Tank Details**

**Owner Account Name:** NICK ROSSOLATOS SERVICE CENTRE LTD

<a href="#">42</a>	25 of 26	NNE/235.2	67.9 / -2.67	PIPELINE HIT - 1" 238 RICHMOND ROAD,,OTTAWA,ON,K1Z 6W6, CA ON	PINC
<b>Incident ID:</b> <b>Incident No:</b> 1175726 <b>Incident Reported Dt:</b> 9/11/2013 <b>Type:</b> FS-Pipeline Incident <b>Status Code:</b> <b>Tank Status:</b> Not Investigated <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>Depth:</b> <b>Customer Acct Name:</b> PIPELINE HIT - 1" <b>Incident Address:</b> 238 RICHMOND ROAD,,OTTAWA,ON,K1Z 6W6,CA <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>Pipe Material:</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>PSIG:</b> <b>Attribute Category:</b> <b>Regulator Location:</b> <b>Method Details:</b>	

<a href="#">42</a>	26 of 26	NNE/235.2	67.9 / -2.67	236 Richmond Road Ottawa ON K1Z 6W6	EHS
<b>Order No:</b> 20191128071 <b>Status:</b> C <b>Report Type:</b> Site Report <b>Report Date:</b> 29-NOV-19 <b>Date Received:</b> 28-NOV-19 <b>Previous Site Name:</b>				<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .001 <b>X:</b> -75.749577 <b>Y:</b> 45.393722	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Lot/Building Size:</i> <i>Additional Info Ordered:</i>					
<a href="#">43</a>	1 of 2	NNE/235.3	67.9 / -2.67	236 Richmond Road Ottawa ON K1Z 6W6	EHS
<i>Order No:</i>	20191128071			<i>Nearest Intersection:</i>	
<i>Status:</i>	C			<i>Municipality:</i>	
<i>Report Type:</i>	Site Report			<i>Client Prov/State:</i>	ON
<i>Report Date:</i>	29-NOV-19			<i>Search Radius (km):</i>	.001
<i>Date Received:</i>	28-NOV-19			<i>X:</i>	-75.749577
<i>Previous Site Name:</i>				<i>Y:</i>	45.393722
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>					
<hr/>					
<a href="#">43</a>	2 of 2	NNE/235.3	67.9 / -2.67	236 Richmond Road Ottawa ON K1Z 6W6	EHS
<i>Order No:</i>	20191128071			<i>Nearest Intersection:</i>	
<i>Status:</i>	C			<i>Municipality:</i>	
<i>Report Type:</i>	Site Report			<i>Client Prov/State:</i>	ON
<i>Report Date:</i>	29-NOV-19			<i>Search Radius (km):</i>	.001
<i>Date Received:</i>	28-NOV-19			<i>X:</i>	-75.749577
<i>Previous Site Name:</i>				<i>Y:</i>	45.393722
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>					
<hr/>					
<a href="#">44</a>	1 of 1	N/239.6	67.8 / -2.71	255 RICHMOND ROAD Ottawa ON	WWIS
<i>Well ID:</i>	7295741			<i>Data Entry Status:</i>	
<i>Construction Date:</i>				<i>Data Src:</i>	
<i>Primary Water Use:</i>	Test Hole			<i>Date Received:</i>	9/29/2017
<i>Sec. Water Use:</i>				<i>Selected Flag:</i>	True
<i>Final Well Status:</i>	Monitoring and Test Hole			<i>Abandonment Rec:</i>	
<i>Water Type:</i>				<i>Contractor:</i>	7241
<i>Casing Material:</i>				<i>Form Version:</i>	7
<i>Audit No:</i>	Z206434			<i>Owner:</i>	
<i>Tag:</i>	A182735			<i>Street Name:</i>	255 RICHMOND ROAD
<i>Construction Method:</i>				<i>County:</i>	OTTAWA
<i>Elevation (m):</i>				<i>Municipality:</i>	OTTAWA CITY
<i>Elevation Reliability:</i>				<i>Site Info:</i>	
<i>Depth to Bedrock:</i>				<i>Lot:</i>	
<i>Well Depth:</i>				<i>Concession:</i>	
<i>Overburden/Bedrock:</i>				<i>Concession Name:</i>	
<i>Pump Rate:</i>				<i>Easting NAD83:</i>	
<i>Static Water Level:</i>				<i>Northing NAD83:</i>	
<i>Flowing (Y/N):</i>				<i>Zone:</i>	
<i>Flow Rate:</i>				<i>UTM Reliability:</i>	
<i>Clear/Cloudy:</i>					
<i>PDF URL (Map):</i>					
<i>Additional Detail(s) (Map)</i>					
<i>Well Completed Date:</i>	2017/08/04				
<i>Year Completed:</i>	2017				
<i>Depth (m):</i>	2.322576				
<i>Latitude:</i>	45.3937822206677				
<i>Longitude:</i>	-75.7504324204293				

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

**Bore Hole Information**

<b>Bore Hole ID:</b>	1006738407	<b>Elevation:</b>	66.124946
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	441261.00
<b>Code OB Desc:</b>		<b>North83:</b>	5026970.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	04-Aug-2017 00:00:00	<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>	1006884190
<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>	12
<b>Mat2 Desc:</b>	STONES
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	0.3100000023841858
<b>Formation End Depth:</b>	3.3499999046325684
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1006884191
<b>Layer:</b>	3
<b>Color:</b>	8
<b>General Color:</b>	BLACK
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	06
<b>Mat2 Desc:</b>	SILT
<b>Mat3:</b>	85
<b>Mat3 Desc:</b>	SOFT
<b>Formation Top Depth:</b>	3.3499999046325684
<b>Formation End Depth:</b>	4.570000171661377
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1006884192
<b>Layer:</b>	4
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15

<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>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>		74			
<b>Mat3:</b>		LAYERED			
<b>Mat3 Desc:</b>		4.570000171661377			
<b>Formation Top Depth:</b>		7.619999885559082			
<b>Formation End Depth:</b>		ft			
<b>Formation End Depth UOM:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1006884189			
<b>Layer:</b>		1			
<b>Color:</b>		8			
<b>General Color:</b>		BLACK			
<b>Mat1:</b>					
<b>Most Common Material:</b>					
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>		66			
<b>Mat3 Desc:</b>		DENSE			
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		0.3100000023841858			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1006884202			
<b>Layer:</b>		3			
<b>Plug From:</b>		5.17999982833862			
<b>Plug To:</b>		7.61999988555908			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1006884201			
<b>Layer:</b>		2			
<b>Plug From:</b>		0.310000002384186			
<b>Plug To:</b>		5.17999982833862			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1006884200			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		0.310000002384186			
<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>		1006884199			
<b>Method Construction Code:</b>		5			
<b>Method Construction:</b>		Air Percussion			
<b>Other Method Construction:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Pipe Information</u></b>					
Pipe ID:		1006884188			
Casing No:		0			
Comment:					
Alt Name:					
<b><u>Construction Record - Screen</u></b>					
Screen ID:		1006884197			
Layer:		1			
Slot:		10			
Screen Top Depth:		5.4899977111816			
Screen End Depth:		7.61999988555908			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.03000020980835			
<b><u>Water Details</u></b>					
Water ID:		1006884195			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<b><u>Hole Diameter</u></b>					
Hole ID:		1006884193			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		4.570000171661377			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<b><u>Hole Diameter</u></b>					
Hole ID:		1006884194			
Diameter:		7.619999885559082			
Depth From:		4.570000171661377			
Depth To:		7.619999885559082			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<a href="#">45</a>	1 of 1	NW/240.8	67.9 / -2.64	277 Richmond Rd Ottawa On Ottawa ON K1Z6X3	EHS
Order No:	20140210077			Nearest Intersection:	
Status:	C			Municipality:	Ottawa
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	19-FEB-14			Search Radius (km):	.25
Date Received:	10-FEB-14			X:	-75.752131
Previous Site Name:				Y:	45.39327
Lot/Building Size:					
Additional Info Ordered:					
<a href="#">46</a>	1 of 1	N/242.0	67.8 / -2.71	255 RICHMOND ROAD Ottawa ON	WWIS



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Well ID:</b>	7115803			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Monitoring			<b>Date Received:</b>	11/24/2008
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Test Hole			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	1844
<b>Casing Material:</b>				<b>Form Version:</b>	5
<b>Audit No:</b>	M02900			<b>Owner:</b>	
<b>Tag:</b>	A074567			<b>Street Name:</b>	255 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):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/711\7115803.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7115803.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 2008/10/17  
**Year Completed:** 2008  
**Depth (m):** 7.5  
**Latitude:** 45.393799885986  
**Longitude:** -75.7504837571308  
**Path:** 711\7115803.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	1001905250	<b>Elevation:</b>	66.004470
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	441257.00
<b>Code OB Desc:</b>		<b>North83:</b>	5026972.00
<b>Open Hole:</b>	No	<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	3
<b>Date Completed:</b>	17-Oct-2008 00:00:00	<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**

**Formation ID:** 1002783022  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 01  
**Most Common Material:** FILL  
**Mat2:** 13  
**Mat2 Desc:** BOULDERS  
**Mat3:**

<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>		2.299999952316284			
<b>Formation End Depth:</b>		4.5			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1002783021			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		01			
<b>Most Common Material:</b>		FILL			
<b>Mat2:</b>		28			
<b>Mat2 Desc:</b>		SAND			
<b>Mat3:</b>		11			
<b>Mat3 Desc:</b>		GRAVEL			
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		2.299999952316284			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1002783023			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		26			
<b>Most Common Material:</b>		ROCK			
<b>Mat2:</b>		15			
<b>Mat2 Desc:</b>		LIMESTONE			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		4.5			
<b>Formation End Depth:</b>		7.5			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1002783026			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		0.300000011920929			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1002783027			
<b>Layer:</b>		2			
<b>Plug From:</b>		4.80000019073486			
<b>Plug To:</b>		5			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1002783030			
<b>Method Construction Code:</b>		7			

<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>Method Construction:</b>		Diamond			
<b>Other Method Construction:</b>		HSA			
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1002783019			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1002783028			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		5.80000019073486			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1002783020			
<b>Pump Set At:</b>					
<b>Static Level:</b>		6.699999809265137			
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		m			
<b>Rate UOM:</b>					
<b>Water State After Test Code:</b>		0			
<b>Water State After Test:</b>					
<b>Pumping Test Method:</b>		0			
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1002783024			
<b>Diameter:</b>		20.0			
<b>Depth From:</b>		0.0			
<b>Depth To:</b>		4.570000171661377			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1002783025			
<b>Diameter:</b>		10.0			
<b>Depth From:</b>		4.570000171661377			
<b>Depth To:</b>		7.5			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
<b>47</b>	<b>1 of 1</b>	<b>S/242.3</b>	<b>73.9 / 3.38</b>	<b>PRIVATE OWNER 490 EVERED ST. OTTAWA. STORAGE</b>	<b>SPL</b>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				<b>TANK/BARREL OTTAWA CITY ON K1Z 5K8</b>	
<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="#">48</a>	1 of 4	NW/243.2	68.0 / -2.49	<b>Y'S OWL CO-OPERATIVE INC 290 PICTON AVE OTTAWA ON K1Z 8P8</b>	<b>SCT</b>
<b>Established:</b>	1981				
<b>Plant Size (ft²):</b>	8000				
<b>Employment:</b>	17				
<b>--Details--</b>					
<b>Description:</b>	PLASTICS PRODUCTS, N.E.C.				
<b>SIC/NAICS Code:</b>	3089				
<a href="#">48</a>	2 of 4	NW/243.2	68.0 / -2.49	<b>Orezone Resources Inc. 290 Picton St Suite 201 Ottawa ON K1Z 8P8</b>	<b>SCT</b>
<b>Established:</b>	1987				
<b>Plant Size (ft²):</b>					
<b>Employment:</b>	10				
<a href="#">48</a>	3 of 4	NW/243.2	68.0 / -2.49	<b>Apption Software Inc. 290 Picton Ave Suite 104 Ottawa ON K1Z 8P8</b>	<b>SCT</b>
<b>Established:</b>	01-NOV-04				
<b>Plant Size (ft²):</b>					
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>	Computer Systems Design and Related Services				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SIC/NAICS Code:</b>		541510			
<b>Description:</b>		Computer Systems Design and Related Services			
<b>SIC/NAICS Code:</b>		541510			
<a href="#">48</a>	4 of 4	NW/243.2	68.0 / -2.49	Orezone Gold Corporation 290 Picton Ave Suite 201 Ottawa ON K1Z 8P8	SCT
<b>Established:</b>		01-JUL-87			
<b>Plant Size (ft²):</b>					
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>		Other Support Activities for Mining			
<b>SIC/NAICS Code:</b>		213119			
<a href="#">49</a>	1 of 4	N/243.9	67.8 / -2.70	OTTAWA CITY RICHMOND RD./TWEEDSMUIR AVE. OTTAWA CITY ON	CA
<b>Certificate #:</b>		3-0933-93-			
<b>Application Year:</b>		93			
<b>Issue Date:</b>		8/19/1993			
<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>					
<a href="#">49</a>	2 of 4	N/243.9	67.8 / -2.70	City of Ottawa corner of Tweedsmuir Ave & Richmond Road Ottawa ON	SPL
<b>Ref No:</b>		0522-9KYLRE		<b>Discharger Report:</b>	
<b>Site No:</b>		NA		<b>Material Group:</b>	
<b>Incident Dt:</b>		2014/06/11		<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>		Unknown / N/A		<b>Sector Type:</b> Unknown / N/A	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>		15		<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>		OIL/GREASE		<b>Site Address:</b> corner of Tweedsmuir Ave & Richmond Road	
<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> Ottawa	
<b>Nature of Impact:</b>		Surface Water Pollution		<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>		No Field Response		<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>		2014/06/11		<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>		2014/10/22		<b>SAC Action Class:</b> Land Spills	
<b>Incident Reason:</b>		Unknown / N/A		<b>Source Type:</b>	
<b>Site Name:</b>		CB<UNOFFICIAL>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> City of Ottawa: Oil dumped to CB, cleaning <b>Contaminant Qty:</b> 0 other - see incident description					
<a href="#">49</a>	3 of 4	N/243.9	67.8 / -2.70	City of Ottawa Richmond Rd at Tweedsmuir Avenue Right-of-way Ottawa ON K1Z 6W7	GEN
<b>Generator No:</b> ON6345262 <b>Status:</b> Registered <b>Approval Years:</b> As of Jul 2020 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<b>Detail(s)</b>					
<b>Waste Class:</b>		221 L			
<b>Waste Class Desc:</b>		Light fuels			
<a href="#">49</a>	4 of 4	N/243.9	67.8 / -2.70	City of Ottawa Richmond Rd at Tweedsmuir Avenue Right-of-way Ottawa ON K1Z 6W7	GEN
<b>Generator No:</b> ON6345262 <b>Status:</b> Registered <b>Approval Years:</b> As of Apr 2021 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<b>Detail(s)</b>					
<b>Waste Class:</b>		221 L			
<b>Waste Class Desc:</b>		Light fuels			
<a href="#">50</a>	1 of 1	NNW/244.4	67.8 / -2.67	Enbridge Gas Distribution Inc. 263 Richmond Rd Ottawa ON	SPL
<b>Ref No:</b> 0813-B88MWN <b>Site No:</b> NA <b>Incident Dt:</b> 2019/01/08 <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>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>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> 2 - Minor Environment Corporation <b>Client Type:</b> Other <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> 263 Richmond Rd <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>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> <b>Dt Document Closed:</b>	2019/01/08			<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> <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> <b>Contaminant Qty:</b>	Operator/Human Error Enbridge: 1" steel gasline<UNOFFICIAL>			<b>Source Type:</b>	
	TSSA/Enbridge: 1" steel gasline damaged by snowplow 0 other - see incident description				

<a href="#">51</a>	1 of 2	NNW/244.5	67.8 / -2.67	<b>ULTRAMAR</b> <b>261 RICHMOND ROAD TANK TRUCK (CARGO)</b> <b>OTTAWA CITY ON K1Z 6X1</b>	<b>SPL</b>
<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>	138508  3/21/1997  CONTAINER OVERFLOW       CONFIRMED Human health AIR    3/21/1997  ERROR			<b>Discharger Report:</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> <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>	20101
	ULTRAMAR: 45 L FUEL TO BASEMENT; FUMES AFFECTED NEIGHBOURS				

<a href="#">51</a>	2 of 2	NNW/244.5	67.8 / -2.67	<b>Rose Drapery Ltd.</b> <b>261 Richmond Rd</b> <b>Ottawa ON K1Z 6X1</b>	<b>SCT</b>
<b>Established:</b> <b>Plant Size (ft²):</b> <b>Employment:</b>	1978  6				
<b>--Details--</b> <b>Description:</b> <b>SIC/NAICS Code:</b>	Curtain and Linen Mills 314120				

<a href="#">52</a>	1 of 1	N/245.0	67.8 / -2.71	<b>255 RICHMOND RD</b> <b>OTTAWA ON</b>	<b>WWIS</b>
<b>Well ID:</b> <b>Construction Date:</b> <b>Primary Water Use:</b> <b>Sec. Water Use:</b>	7300859  Test Hole Monitoring			<b>Data Entry Status:</b> <b>Data Src:</b> <b>Date Received:</b> <b>Selected Flag:</b>	12/5/2017 True

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<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>	Z206458			<b>Owner:</b>	
<b>Tag:</b>	A182638			<b>Street Name:</b>	255 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/730\7300859.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7300859.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 2017/10/16  
**Year Completed:** 2017  
**Depth (m):** 10.06  
**Latitude:** 45.3938368952678  
**Longitude:** -75.7503309382317  
**Path:** 730\7300859.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	1006858105	<b>Elevation:</b>	66.196189
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	441269.00
<b>Code OB Desc:</b>		<b>North83:</b>	5026976.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	16-Oct-2017 00:00:00	<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**

**Formation ID:** 1007050391  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 17  
**Mat2 Desc:** SHALE  
**Mat3:** 74  
**Mat3 Desc:** LAYERED  
**Formation Top Depth:** 2.440000057220459  
**Formation End Depth:** 10.0600004196167  
**Formation End Depth UOM:** m



<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>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1007050390			
<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>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		85			
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		2.440000057220459			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007050400			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		0.310000002384186			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007050402			
<b>Layer:</b>		3			
<b>Plug From:</b>		6.71000003814697			
<b>Plug To:</b>		10.0600004196167			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007050401			
<b>Layer:</b>		2			
<b>Plug From:</b>		0.310000002384186			
<b>Plug To:</b>		6.71000003814697			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1007050399			
<b>Method Construction Code:</b>		5			
<b>Method Construction:</b>		Air Percussion			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1007050389			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Screen</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen ID:		1007050396			
Layer:		1			
Slot:		10			
Screen Top Depth:		7.01000022888184			
Screen End Depth:		10.0600004196167			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82000017166138			

**Water Details**

Water ID: 1007050394  
 Layer:  
 Kind Code:  
 Kind:  
 Water Found Depth:  
 Water Found Depth UOM: m

**Hole Diameter**

Hole ID: 1007050392  
 Diameter: 11.430000305175781  
 Depth From: 0.0  
 Depth To: 3.0999999046325684  
 Hole Depth UOM: m  
 Hole Diameter UOM: cm

**Hole Diameter**

Hole ID: 1007050393  
 Diameter: 7.619999885559082  
 Depth From: 3.0999999046325684  
 Depth To: 10.0600004196167  
 Hole Depth UOM: m  
 Hole Diameter UOM: cm

<a href="#">53</a>	1 of 1	SE/246.7	73.8 / 3.32	PIPELINE HIT - 1/2" 498 TWEEDSMUIR AVE., OTTAWA, ON, K1Z 5N9, CA ON	PINC
Incident ID:				Pipe Material:	
Incident No:	1738120			Fuel Category:	Natural Gas
Incident Reported Dt:	10/16/2015			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:				Property Damage:	Yes
Tank Status:	Pipeline Damage Reason Est			Service Interrupt:	
Task No:	5904969			Enforce Policy:	Yes
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2015/10/16			Regulator Location:	
Depth:				Method Details:	E-mail
Customer Acct Name:	PIPELINE HIT - 1/2"				
Incident Address:	498 TWEEDSMUIR AVE., OTTAWA, ON, K1Z 5N9, CA				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:	498 TWEEDSMUIR AVE, OTTAWA - PIPELINE HIT - 1/2"				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Reported By:</b>		Peter O'Gorman - ENBRIDGE			
<b>Affiliation:</b>					
<b>Occurrence Desc:</b>					
<b>Damage Reason:</b>		Excavation practices not sufficient			
<b>Notes:</b>					
<a href="#">54</a>	1 of 2	W/247.4	69.8 / -0.74	Valberg Imaging 322 Richmond Rd Ottawa ON K1Z 6X6	SCT
<b>Established:</b>		01-DEC-85			
<b>Plant Size (ft²):</b>					
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>		Other Printing			
<b>SIC/NAICS Code:</b>		323119			
<b>Description:</b>		Photographic Services			
<b>SIC/NAICS Code:</b>		541920			
<a href="#">54</a>	2 of 2	W/247.4	69.8 / -0.74	322 Richmond Rd Ottawa ON K1Z6X6	EHS
<b>Order No:</b>		20170719096		<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>		25-JUL-17		<b>Search Radius (km):</b> .25	
<b>Date Received:</b>		19-JUL-17		<b>X:</b> -75.753159	
<b>Previous Site Name:</b>				<b>Y:</b> 45.392206	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>		Fire Insur. Maps and/or Site Plans			
<a href="#">55</a>	1 of 1	NNW/247.9	67.8 / -2.71	255 RICHMOND RD OTTAWA ON	WWIS
<b>Well ID:</b>		7300860		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>		Test Hole		<b>Date Received:</b> 12/5/2017	
<b>Sec. Water Use:</b>		Monitoring		<b>Selected Flag:</b> True	
<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>		Z206459		<b>Owner:</b>	
<b>Tag:</b>		A182639		<b>Street Name:</b> 255 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>		<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7300860.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7300860.pdf</a>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Additional Detail(s) (Map)

Well Completed Date: 2017/10/16  
Year Completed: 2017  
Depth (m): 10.36  
Latitude: 45.393844301032  
Longitude: -75.7505737751598  
Path: 730\7300860.pdf

Bore Hole Information

Bore Hole ID:	1006858108	Elevation:	65.746757
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441250.00
Code OB Desc:		North83:	5026977.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	16-Oct-2017 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 1007050405  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2: 17  
Mat2 Desc: SHALE  
Mat3: 74  
Mat3 Desc: LAYERED  
Formation Top Depth: 2.130000114440918  
Formation End Depth: 10.359999656677246  
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1007050404  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 28  
Most Common Material: SAND  
Mat2: 11  
Mat2 Desc: GRAVEL  
Mat3: 85  
Mat3 Desc: SOFT  
Formation Top Depth: 0.0  
Formation End Depth: 2.130000114440918  
Formation End Depth UOM: m

Annular Space/Abandonment

<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>Sealing Record</u></b>					
<b>Plug ID:</b>		1007050416			
<b>Layer:</b>		3			
<b>Plug From:</b>		7.01000022888184			
<b>Plug To:</b>		10.3599996566772			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007050414			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		0.310000002384186			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007050415			
<b>Layer:</b>		2			
<b>Plug From:</b>		0.310000002384186			
<b>Plug To:</b>		7.01000022888184			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1007050413			
<b>Method Construction Code:</b>		5			
<b>Method Construction:</b>		Air Percussion			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1007050403			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1007050410			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		7.30999994277954			
<b>Screen End Depth:</b>		10.3599996566772			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		4.82000017166138			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1007050408			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Hole Diameter</u></b>					
Hole ID:		1007050407			
Diameter:		7.619999885559082			
Depth From:		3.0999999046325684			
Depth To:		10.359999656677246			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<b><u>Hole Diameter</u></b>					
Hole ID:		1007050406			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		3.0999999046325684			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

<a href="#">56</a>	1 of 2	NNE/249.5	67.9 / -2.62	222 Richmond Road Ottawa ON K1Z 6W6	SPL
Ref No:	0455-9X4RW5			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	5/3/2015			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Vandalism			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:	12			Nearest Watercourse:	
Contaminant Name:	GASOLINE			Site Address:	222 Richmond Road
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	K1Z 6W6
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:	Land			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	N			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	6/2/2015			Site Map Datum:	
Dt Document Closed:	6/4/2015			SAC Action Class:	Land Spills
Incident Reason:	Deliberate Act			Source Type:	
Site Name:	Vehicle collision with LCBO<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	LCBO: gasoline to CB - Duplicate See IR 2402-9X2CZ2				
Contaminant Qty:	1 other - see incident description				

<a href="#">56</a>	2 of 2	NNE/249.5	67.9 / -2.62	222 Richmond Rd. Ottawa ON	SPL
Ref No:	2402-9X2CZ2			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	5/31/2015			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Vandalism			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	MOTOR OIL			Site Address:	222 Richmond Rd.
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	

<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>Environment Impact:</b>				<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>	Land			<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>	5/31/2015			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>	6/4/2015			<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Deliberate Act			<b>Source Type:</b>	
<b>Site Name:</b>	Private parking lot and cb<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Unknown SUV: motor oil to cb, vandalism				
<b>Contaminant Qty:</b>	5 L				

# Unplottable Summary

Total: 32 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	NON PROFIT HOUSING CORPORATION	PRIVATE (ON SITE) RICHMOND ST.	OTTAWA CITY ON	
CA	Bourke Family Development Inc.	Byron Ave Registered Plan No. 204	Ottawa ON	
CA	Petro-Canada		Ottawa ON	
CA		Richmond Pumping Station Forcemain	Ottawa ON	
CA		Richmond Road	Ottawa ON	
CA		Tweedsmuir Avenue	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	Larco Land Corporation	Part of Lot 32, Concession 1, Ottawa Front	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	BELFORD CRESCENT	OTTAWA CITY ON	
CA	OTTAWA CITY	CHURCHILL AVE.	OTTAWA CITY ON	
CA	OTTAWA CITY	BYRON AVENUE	OTTAWA CITY ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
ECA	Ultramar Ltd.	Part 1, Reference Plan 4R-23561	Ottawa ON	H3A 3L3



ECA	Air Rock Drilling Co. Ltd.	Multiple Sites in Ontario Richmond	Ottawa ON	
ECA	Air Rock Drilling Co. Ltd.	Multiple Sites in Ontario Richmond	Ottawa ON	K0A 2Z0
ECA	Petro-Canada Inc.		Ottawa ON	L6L 6N5
GEN	Kiewit Eurovia Vinci	Clery Station Richmond Road	Ottawa ON	K2A 0G6
GEN	Ottawa Greenbelt Construction Company Limited	Churchill Ave Reconstruction - Carling to Byron	Ottawa ON	
RST	ULTRAMAR LTÉE	OTTAWA	OTTAWA ON	
SPL		Richmond	Ottawa ON	
SPL	Hydro-Ottawa	Richmond	Ottawa ON	
SPL	PETRO-CANADA	SERVICE STATION	OTTAWA CITY ON	
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON	
WWIS		lot 32	ON	
WWIS		lot 32	ON	
WWIS		lot 31	ON	
WWIS		lot 31	ON	

# Unplottable Report

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

**Database:**  
*CA*

**Certificate #:** 3-1118-87-  
**Application Year:** 87  
**Issue Date:** 7/7/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**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:** *Petro-Canada  
Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 5607-79YMZ8  
**Application Year:** 2008  
**Issue Date:** 2/12/2008  
**Approval Type:** Industrial 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 Pumping Station Forcemain Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 3-0843-83-006  
**Application Year:** 01

**Issue Date:** 8/24/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** Notice  
**Client Name:** Corporation of the City of Ottawa  
**Client Address:** 110 Laurier Avenue West, Fourth Floor  
**Client City:** Ottawa  
**Client Postal Code:** K2P 2L7  
**Project Description:** This application is for upgrades to the sanitary forcemain for the Richmond Pumping Station as follows: 1) Construction of an extension of the 200 mm forcemain from the pumping station to the lagoons in accordance with Certificate of Approval 3-0843-83-006. 2) Construction of a 300 mm forcemain off of the existing 500 mm forcemain for by-pass to lagoon cell C during periods of forcemain shutdown. 3) Construction of second 500 mm diameter forcemain under the Jock River.  
**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:**

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

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

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**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:**

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**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:**

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**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:**

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**Site:** Larco Land Corporation  
Part of Lot 32, Concession 1, Ottawa Front Ottawa ON

**Database:**  
CA

**Certificate #:** 6996-5F5HDF  
**Application Year:** 2002  
**Issue Date:** 10/22/2002  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**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:**

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**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:** R.M. OF OTTAWA-CARLETON  
BELFORD CRESCENT OTTAWA CITY ON

**Database:**  
CA

**Certificate #:** 7-0845-92-  
**Application Year:** 92  
**Issue Date:** 8/21/1992  
**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  
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:**

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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:** **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:**

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**Site:** **Ultramar Ltd.**  
**Part 1, Reference Plan 4R-23561 Ottawa ON H3A 3L3**

**Database:**  
**ECA**

**Approval No:** 1928-8W2Q6W  
**Approval Date:** 2012-07-10  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-INDUSTRIAL SEWAGE WORKS  
**Project Type:** INDUSTRIAL SEWAGE WORKS  
**Business Name:** Ultramar Ltd.  
**Address:** Part 1, Reference Plan 4R-23561  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/2244-8RJQ9S-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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

**Database:**  
**ECA**

**Multiple Sites in Ontario Richmond Ottawa ON**

**Approval No:** 5645-8XTKGR  
**Approval Date:** 9/5/2012  
**Status:** Approved  
**Record Type:**  
**Link Source:**  
**SWP Area Name:**  
**Approval Type:**  
**Project Type:** Air/Noise  
**Business Name:**  
**Address:**  
**Full Address:**  
**Full PDF Link:**

**MOE District:**  
**City:** Ottawa  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** **Air Rock Drilling Co. Ltd.**  
**Multiple Sites in Ontario Richmond Ottawa ON K0A 2Z0**

**Database:**  
**ECA**

**Approval No:** 5645-8XTKGR  
**Approval Date:** 2012-09-05  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-AIR  
**Project Type:** AIR  
**Business Name:** Air Rock Drilling Co. Ltd.  
**Address:** Multiple Sites in Ontario Richmond  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/0724-8VPS5T-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** **Petro-Canada Inc.**  
**Ottawa ON L6L 6N5**

**Database:**  
**ECA**

**Approval No:** 4810-4UMJP8  
**Approval Date:** 2001-03-12  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-INDUSTRIAL SEWAGE WORKS  
**Project Type:** INDUSTRIAL SEWAGE WORKS  
**Business Name:** Petro-Canada Inc.  
**Address:**  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/7825-4UCP9D-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** **Kiewit Eurovia Vinci**  
**Cleary Station Richmond Road Ottawa ON K2A 0G6**

**Database:**  
**GEN**

**Generator No:** ON6388739  
**Status:** Registered  
**Approval Years:** As of Apr 2021  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:**  
**SIC Description:**

**PO Box No:**  
**Country:** Canada  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**Detail(s)**

**Waste Class:** 146 L  
**Waste Class Desc:** Other specified inorganic sludges, slurries or solids  
**Waste Class:** 251 L

**Waste Class Desc:** Waste oils/sludges (petroleum based)

**Waste Class:** 221 L  
**Waste Class Desc:** Light fuels

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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  
**SIC Description:** WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION

**PO Box No:**  
**Country:**  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**Detail(s)**

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

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**Site:** ULTRAMAR LTÉE  
OTTAWA OTTAWA ON

**Database:**  
RST

**Headcode:** 924800  
**Headcode Desc:** Oils-Fuel  
**Phone:** 6137275200  
**List Name:**  
**Description:**

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**Site:** Richmond Ottawa ON

**Database:**  
SPL

**Ref No:** 6637-67GQEZ  
**Site No:**  
**Incident Dt:** 8/6/2004  
**Year:**  
**Incident Cause:**  
**Incident Event:**  
**Contaminant Code:** 13  
**Contaminant Name:** FURNACE OIL  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Not Anticipated  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 12/8/2004  
**Dt Document Closed:**  
**Incident Reason:**  
**Site Name:** 6570 FRANKTOWN RD<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** 6570 Franktown Rd - furnace oil spill  
**Contaminant Qty:**

**Discharger Report:**  
**Material Group:** Oil  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:** Ottawa  
**Site Postal Code:**  
**Site Region:** Eastern  
**Site Municipality:** Ottawa  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Notification  
**Source Type:**

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**Site:** Hydro-Ottawa  
Richmond Ottawa ON

**Database:**  
SPL

**Ref No:** 3852-5V7S7N  
**Site No:**  
**Incident Dt:** 11/6/2003

**Discharger Report:**  
**Material Group:** Oil  
**Health/Env Conseq:**



**Year:**  
**Incident Cause:** Cooling System Leak  
**Incident Event:**  
**Contaminant Code:** 13  
**Contaminant Name:** MINERAL OIL  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Confirmed  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 1/14/2004  
**Dt Document Closed:**  
**Incident Reason:** Unknown - Reason not determined  
**Site Name:** CORNER OF CHANNONHOUSE RD AND DALLAIRE RD<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** Hydro Ottawa - non PCB- 100 L Xformer oil  
**Contaminant Qty:** 100 L

**Client Type:**  
**Sector Type:** Transformer  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:** Ottawa  
**Site Postal Code:**  
**Site Region:** Eastern  
**Site Municipality:** Ottawa  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Spill to Land  
**Source Type:**

**Site:** **PETRO-CANADA**  
**SERVICE STATION OTTAWA CITY ON**

**Database:**  
**SPL**

**Ref No:** 30833  
**Site No:**  
**Incident Dt:** 2/12/1990  
**Year:**  
**Incident Cause:** OTHER CONTAINER LEAK  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 2/12/1990  
**Dt Document Closed:**  
**Incident Reason:** CORROSION  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** PETRO CANADA SERVICE STN.FURANCE OIL LEAK.  
**Contaminant Qty:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 20101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

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

**Database:**  
**SPL**

**Ref No:** 14431  
**Site No:**  
**Incident Dt:** 2/2/1989  
**Year:**  
**Incident Cause:** OTHER CAUSE (N.O.S.)  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** NOT ANTICIPATED

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 20101

**Nature of Impact:**  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scrn:**  
**MOE Reported Dt:** 2/2/1989  
**Dt Document Closed:**  
**Incident Reason:** ERROR  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:**  
**Contaminant Qty:**

**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** lot 32 ON

**Database:**  
WWIS

**Well ID:** 1536399  
**Construction Date:**  
**Primary Water Use:**  
**Sec. Water Use:**  
**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** Z34812  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:**  
**Date Received:** 6/19/2006  
**Selected Flag:** True  
**Abandonment Rec:** Yes  
**Contractor:** 6964  
**Form Version:** 3  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** 15000  
**Site Info:**  
**Lot:** 032  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 11550465  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** x  
**Code OB Desc:** Unknown type in the lower layers(s)  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 06-May-2006 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 933057971  
**Layer:** 2  
**Color:**  
**General Color:**  
**Mat1:**  
**Most Common Material:**  
**Mat2:**  
**Mat2 Desc:**

**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.7699999809265137  
**Formation End Depth:** 4.869999885559082  
**Formation End Depth UOM:** m

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 933057970  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 84  
**Mat2 Desc:** SILTY  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 0.7699999809265137  
**Formation End Depth UOM:** m

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933293797  
**Layer:** 2  
**Plug From:** 0.5  
**Plug To:** 4.86999988555908  
**Plug Depth UOM:** m

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933293796  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 0.5  
**Plug Depth UOM:** m

**Method of Construction & Well  
Use**

**Method Construction ID:** 961536399  
**Method Construction Code:**  
**Method Construction:**  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11560072  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Site:** lot 32 ON

**Database:**  
WWIS

**Well ID:** 1531568  
**Construction Date:**  
**Primary Water Use:**  
**Sec. Water Use:**  
**Final Well Status:** Dewatering  
**Water Type:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 11/17/2000  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 1414

**Casing Material:**  
**Audit No:** 224542  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** OTTAWA CITY  
**Site Info:**  
**Lot:** 032  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10053102  
**DP2BR:** 16.00  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 06-Nov-2000 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931078876  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 71  
**Mat2 Desc:** FRACTURED  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 16.0  
**Formation End Depth:** 23.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931078873  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 28  
**Mat2 Desc:** SAND  
**Mat3:** 01  
**Mat3 Desc:** FILL  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 3.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931078874  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 13  
**Most Common Material:** BOULDERS  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:** 28  
**Mat3 Desc:** SAND  
**Formation Top Depth:** 3.0  
**Formation End Depth:** 12.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931078875  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:** 34  
**Mat3 Desc:** TILL  
**Formation Top Depth:** 12.0  
**Formation End Depth:** 16.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**  
**Sealing Record**

**Plug ID:** 933116739  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 15  
**Plug Depth UOM:** ft

**Method of Construction & Well**  
**Use**

**Method Construction ID:** 961531568  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10601672  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930093000  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**

**Depth To:**  
**Casing Diameter:** 10  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930093001  
**Layer:** 3  
**Material:**  
**Open Hole or Material:**  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 8  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930092999  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991531568  
**Pump Set At:**  
**Static Level:** 10.0  
**Final Level After Pumping:** 10.0  
**Recommended Pump Depth:** 20.0  
**Pumping Rate:** 10.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 10.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934915010  
**Test Type:** Recovery  
**Test Duration:** 60  
**Test Level:** 10.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934397184  
**Test Type:** Recovery  
**Test Duration:** 30  
**Test Level:** 10.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934113985  
**Test Type:** Recovery  
**Test Duration:** 15  
**Test Level:** 10.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934658119  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 10.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933492078  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 22.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933492077  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 17.0  
**Water Found Depth UOM:** ft

**Site:** lot 31 ON

**Database:**  
**WWIS**

**Well ID:** 1528149  
**Construction Date:**  
**Primary Water Use:** Not Used  
**Sec. Water Use:**  
**Final Well Status:** Observation Wells  
**Water Type:**  
**Casing Material:**  
**Audit No:** 149112  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 8/30/1994  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** OTTAWA CITY  
**Site Info:**  
**Lot:** 031  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10049688  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** p  
**Code OB Desc:** Unknown type above a bedrock layer  
**Open Hole:**  
**Cluster Kind:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9

**Date Completed:** 27-Jul-1994 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068737  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 00  
**Most Common Material:** UNKNOWN TYPE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 2.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068739  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 2.0  
**Formation End Depth:** 3.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068740  
**Layer:** 4  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 08  
**Most Common Material:** FINE SAND  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 3.0  
**Formation End Depth:** 4.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068738  
**Layer:** 2  
**Color:** 2



**General Color:** GREY  
**Mat1:** 21  
**Most Common Material:** GRANITE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 2.0  
**Formation End Depth:** 2.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931068741  
**Layer:** 5  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 74  
**Mat2 Desc:** LAYERED  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 4.0  
**Formation End Depth:** 20.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933113003  
**Layer:** 1  
**Plug From:** 3  
**Plug To:** 7  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933113005  
**Layer:** 3  
**Plug From:** 9  
**Plug To:** 20  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933113004  
**Layer:** 2  
**Plug From:** 7  
**Plug To:** 9  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528149  
**Method Construction Code:** 6  
**Method Construction:** Boring  
**Other Method Construction:**

**Pipe Information**

Pipe ID: 10598258  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930086839  
Layer: 1  
Material: 5  
Open Hole or Material: PLASTIC  
Depth From:  
Depth To: 20  
Casing Diameter: 2  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Screen**

Screen ID: 933326495  
Layer: 1  
Slot: 010  
Screen Top Depth: 10  
Screen End Depth: 20  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter: 2

**Site:**  
lot 31 ON

**Database:**  
WWIS

Well ID:	1534734	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Not Used	Date Received:	6/10/2004
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Not A Well	Abandonment Rec:	
Water Type:		Contractor:	6907
Casing Material:		Form Version:	2
Audit No:	265833	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	031
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Eastings NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

**Bore Hole Information**

Bore Hole ID:	11097509	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	
Code OB Desc:	Overburden	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	31-May-2004 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932942463  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 24  
**Most Common Material:** PREV. DRILLED  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 40.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well**  
**Use**

**Method Construction ID:** 961534734  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11101224  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Results of Well Yield Testing**

**Pump Test ID:** 991534734  
**Pump Set At:**  
**Static Level:** 8.0  
**Final Level After Pumping:**  
**Recommended Pump Depth:**  
**Pumping Rate:**  
**Flowing Rate:**  
**Recommended Pump Rate:**  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:**  
**Water State After Test:**  
**Pumping Test Method:**  
**Pumping Duration HR:**  
**Pumping Duration MIN:**  
**Flowing:** No

## 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: May 31, 2021**

**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 -Apr 2021**

**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- Jul 31, 2021**

**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: May 31, 2021****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- Jun 30, 2021****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- Jul 31, 2021****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- Jun 30, 2021****Environmental Effects Monitoring:**Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

**Government Publication Date: 1992-2007\*****ERIS Historical Searches:**Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

**Government Publication Date: 1999-Jun 30, 2021****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, 2020**

**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-Apr 2021**

**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-Apr 30, 2021**

**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 2019**

**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: May 31, 2021**

**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-Dec 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, 2019**

**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-Mar 31, 2021**

**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-Feb 28, 2021**

**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-Jul 31, 2021**

**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- Jun 30, 2021**

**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: May 31, 2021**

**Private and Retail Fuel Storage Tanks:**

Provincial PRT

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

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

**Permit to Take Water:**

Provincial PTTW

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

**Government Publication Date: 1994- Jul 31, 2021**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date: 1986-1990, 1992-2018**

**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-Jul 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-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, 2018**

**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**

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

Provincial [VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

**Government Publication Date: May 31, 2021**

**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- Jun 30, 2021**

**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, 2021**

# 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**

Geotechnical  
Engineering

Environmental  
Engineering

Hydrogeology

Geological  
Engineering

Materials Testing

Building Science

Archaeological  
Services

## POSITION

Environmental Field Technician

## EDUCATION

University of Ottawa, B.Sc., 2018  
Environmental Sciences; Global Change

Algonquin College, Graduate Certificate, 2019  
Environmental Management & Assessment

## EXPERIENCE

*2019 – Present*

### **Paterson Group Inc.**

Consulting Engineers  
Environmental Division  
Environmental Field Technician

## SELECT LIST OF PROJECTS

Phase I Environmental Site Assessments – Various Sites –  
National Capital Region (CSA Z768-01 & MECP)  
Remediation Programs – Various Sites – Ottawa  
Geotechnical Investigations – Various Sites – Ottawa - Kingston  
Groundwater Monitoring Programs – Various Sites – Ottawa - Kingston  
Site Surveying – Various Sites – Ottawa - Kingston

## Mark S. D'Arcy, P.Eng., QP<sup>ESA</sup> Senior Environmental/Geotechnical Engineer

After receiving his Bachelors of Applied Science from Queen's University in 1991 in Geological Engineering, Mark joined Paterson Group Inc. During the first 10 years of Mark's career, he was heavily involved in all aspects of field work, including drilling boreholes, excavating test pits, conducting phase I site inspections, environmental sampling and analysis and inspection of environmental remediations. During Mark's field experience, he gained invaluable field and office experience, which would prepare Mark to become the Environmental Division Manager. Mark's field experience ranges from Phase I Environmental Site Assessments (ESAs) to on-site soil and groundwater remediations, as well as, environmental/geotechnical borehole investigations. Mark's field experience has provided extensive knowledge of subsurface conditions, contractor relations and project management. These skills would provide Mark with the ability to understand a variety of situations, which has lead Paterson to an extremely successful Environmental Department. Mark became the Environmental Manager in 2006, which consisted of two engineers and two field technicians. Mark has been an integral part in growing the Environmental Division, which now consists of nine engineers and three field technicians. Mark is the Senior Project Manager for a wide variety of environmental projects within the Eastern Ontario area including Phase I ESAs, Phase II ESAs, remediations for filing Records of Site Condition in the Ontario Ministry of the Environment and Climate Change (MOECC) Environmental Site Registry, Brownfield Applications and Landfill Monitoring Programs. As the Senior Project Manager, Mark is responsible for directing project personnel, final report review and overall project success. Mark has proven leadership and ability to manage small to large scale projects within the allotted time and budget.

### EDUCATION

B.A.Sc. 1991, Geological Engineering, Queen's University, Kingston, ON

### LICENCE/ PROFESSIONAL AFFILIATIONS

Professional Engineers of Ontario

ESA Qualified Person with MECF

Ottawa Geotechnical Group

Consulting Engineers of Ontario

### YEARS OF EXPERIENCE

With Paterson: 30

### OFFICE LOCATION

154 Colonnade Road South,  
Nepean, Ontario, K2E 7J5

### SELECT LIST OF PROJECTS

- 222 Beechwood Avenue, Ottawa, Ontario ( Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 409 MacKay Street, Ottawa, Ontario ( Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Art's Court Redevelopment, Ottawa, Ontario ( Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Visitor Welcome Centre, Phase II and Phase III, Parliament Hill, Ottawa, Ontario (Senior Project Manager for Environmental Remediation)
- Mattawa Landfill, Mattawa, Ontario ( Senior Project Manager, Annual Water Quality Monitoring report)
- Multi-Phase Redevelopment of the Ottawa Train Yards, Ottawa, Ontario (Senior Project Manager)
- Rideau Centre Expansion, Ottawa, Ontario( Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 26 Stanley Avenue, Ottawa, Ontario, Phase I ESA, Phase II ESA (Senior Project Manager)
- Riverview Development – Kingston, Ontario, Phase I ESA, Phase II ESA, and filing of an RSC in the MOECC Environmental Site Registry (Senior Project Manager)
- Monitoring Landfills for River Valley, Kipling and Lavagine (Senior Project Manager)
- Energy Services Acquisition Program–Modernization Project–Ottawa; Environmental Services (Senior Project Manager)



## **PROFESSIONAL EXPERIENCE**

May 2001 to present, **Manager of Environmental Division, Paterson Group Inc.,**  
Ottawa, Ontario

- Manage all aspects of the environmental division (management of personnel, budgeting, invoicing, scheduling, business development, reporting, marketing, and fieldwork).
- Review day to day operations within the environmental division.
- Design, perform, and lead Phase I, II and Phase III ESAs, Remediation's, Brownfield Applications and Record of Site conditions, fieldwork surveys, excavation, monitoring, laboratory analysis, and interpretation.
- Write, present, and publish reports with methodology and laboratory analysis results, along with recommendations for environmental findings.
- Responsible for ensuring projects meet Ministry of Environment and Climate Change Standards and Guidelines.
- Building and fostering relationships with clients, stakeholders, and Ministry officials.
- Supervise and continuous training of staff in environmental methods (environmental sampling techniques, technical expertise and guidance).
- Applied due diligence in ensuring the health and safety of staff and the public in field locations.

1991 to 2001, **Geotechnical and Environmental Engineer, Paterson Group Inc.,** Ottawa, Ontario

- Provide on-site geotechnical and environmental expertise to various clients.
- Oversee geotechnical and environmental investigations for drilling and test pitting on numerous proposed utility installations, residential and commercial developments.
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations to meet environmental standards set by MOE and CCME standards.
- Conduct site inspections, bearing medium evaluations, bearing surface inspections, concrete testing and field density testing.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for geotechnical and environmental field programs and construction costs.
- Review RFI's, submittals, monthly progress reports and other various construction related work.