#### Geotechnical Engineering

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## **Phase I - Environmental Site Assessment**

249 & 255 Richmond Road and 372 Tweedsmuir Avenue Ottawa, Ontario

### **Prepared For**

2828727 Ontario Inc.

#### Paterson Group Inc.

Consulting Engineers 154 Colonnade Road South Ottawa (Nepean), Ontario Canada K2E 7J5

Tel: (613) 226-7381 Fax: (613) 226-6344 www.patersongroup.ca August 3, 2021

Report: PE5365-1

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# EXECUTIVE SUMMARY

# Assessment

Paterson Group was retained by 2828727 Ontario Inc. to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for the properties addressed 249 & 255 Richmond Road and 372 Tweedsmuir 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 the 1930's for residential purposes. Later in the 1940's, an auto service garage, as well as an associated underground fuel storage tank, was constructed on the western portion of the subject site at 255 Richmond Road. The historical presence of this former on-site auto service garage and former on-site underground fuel storage tank, are both considered to represent APECs with respect to the subject site.

The neighbouring lands in the vicinity of the subject site have historically been developed for residential purposes, with the exception of several commercial properties developed along Richmond Road. A former auto service garage and retail fuel outlet was present at 236 Richmond Road, located approximately 25 m to the southeast of the subject site. Based on its close proximity, as well as its inferred up-gradient orientation with respect to anticipated groundwater flow, the historical use of this property is considered to represent an APEC with respect to the subject site.

Presently, the subject site is currently occupied with a restaurant building (249 Richmond Road), a multi-unit commercial retail building (255 Richmond Road), and a residential dwelling (372 Tweedsmuir Avenue). The likely presence of fill material of unknown quality, situated beneath the on-site asphaltic concrete parking lots, is considered to represent an APEC with respect to the subject site.

The surrounding lands within the vicinity of the subject site consist mainly of residential properties, with the exception of several commercial properties along Richmond Road. An active retail fuel outlet was identified at 256 Richmond Road, located approximately 20 m to the south of the subject site. Due to its close proximity, as well as its inferred up-gradient orientation with respect to anticipated groundwater flow, the current use of this property is considered to represent an APEC with respect to the subject site.

### Recommendations

Based on the findings of this assessment, it is our opinion that **a Phase II –** Environmental Site Assessment will be required for the subject site.

#### Hazardous Substances

Based on the age of the subject buildings (c.1930's/1940's-1990's), asbestos containing building materials may be potentially present within the structures. Potential ACMs observed on-site include the following:

- □ *249 Richmond Road:* stipple plaster ceilings, drywall joint compound, plaster/cement parging walls;
- 255 Richmond Road: drywall joint compound, suspended ceiling tiles, and vinyl floor tiles;
- □ *372 Tweedsmuir Avenue:* drywall joint compound, stipple plaster ceilings, plaster/cement parging walls.

The potential 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. An asbestos survey of the subject buildings should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to any proposed demolition activities, if one has not already been conducted.

Based on the age of the subject buildings (c.1930's/1940's-1990's), lead-based paints may be present, on any original or older painted surfaces. The painted surfaces within the subject buildings were generally observed to be in good condition and do not pose an immediate concern to the occupants of the building. 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 2828727 Ontario Inc., Paterson Group (Paterson) conducted a Phase I – Environmental Site Assessment (Phase I ESA) for 249 & 255 Richmond Road and 372 Tweedsmuir Avenue, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject site and study area as well as to identify any environmental concerns with the potential to have impacted the subject site.

Paterson was engaged to conduct this Phase I ESA by Mr. Patrick Trahan, of 2828727 Ontario Inc. Mr. Trahan can be contacted via telephone at 873-353-3584.

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 Ontario Regulation 153/04, as amended under the 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, as well as 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 PROPERTY INFORMATION

Addresses:	249 Richmond Road, Ottawa, Ontario; 255 Richmond Road, Ottawa, Ontario; 372 Tweedsmuir Avenue, Ottawa, Ontario.
Legal Description:	Part of Lot 31, Concession 1 (Ottawa Front), Formerly the Township of Nepean, in the City of Ottawa, Ontario.
Location:	The subject site is located on the north side of Richmond Road, between Athlone Avenue and Tweedsmuir Avenue, in the City of Ottawa, Ontario. Refer to Figure 1 – Key Plan, appended to this report.
Latitude and Longitude:	45° 23' 38" N, 75° 45' 02" W
Site Description:	
Configuration:	Irregular
Site Area:	0.22 hectares (approximate)
Zoning:	TM – Traditional Main Street Zone; R4 – Residential Fourth Density Zone.
Current Use:	The subject site is currently occupied with a commercial restaurant building (249 Richmond Road), a multi-unit commercial retail building (255 Richmond Road), and a residential dwelling (372 Tweedsmuir Avenue).
Services:	The subject site is located within a municipally serviced area.

# 3.0 SCOPE OF INVESTIGATION

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

- Determine the historical activities on the 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 located outside of this 250 m radius are not considered to have had the potential to impact the subject site, based on their significant distance.

#### First Developed Use Determination

Based on a review of available historical information, the subject site was first developed with residential dwellings sometime prior to the 1930's.

#### **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 in approximate ten (10) year intervals, from 1951 to 2011.

During the time period reviewed, the subject site and the surrounding lands have been listed as a combination of residential and commercial properties. The potentially contaminating activities (PCAs) identified within the Phase I study area are summarized below in Table 1:

Table 1: City Directories – PCAs within Phase I Study Area					
Address	Potentially Contaminating Activity (Years Listed)	Distance / Orientation from Site	Area of Potential Environmental Concern (Y / N)		
Athlone Avenue					
314 Athlone Avenue	Les's Auto Body Repairs (1969-2000)	210 m Northwest	N		
McRae Avenue					
320 McRae Avenue	Auto Rebex Service Centre (2000-2010) Carson's Body Repairs Ltd. (1961-1989) Willy's Body Shop & Auto Repairs (1957)	165 m North	Ν		
Scott Street					
2020 Scott Street	Scott Street Auto Sales (2000)	240 m Northwest	N		
2046 Scott Street	Safe Auto Repairs (2011) Alert Auto Sales, Leasing & Service (2000) Lafleur, Bob Garage (1952)	245 m Northwest	Ν		

Table 1: City Directories – PCAs within Phase I Study Area (Continued)					
Address	Potentially Contaminating Activity (Years Listed)	Distance / Orientation from Site	Area of Potential Environmental Concern (Y / N)		
Richmond Road	Richmond Road				
190 Richmond Road	R.L. Crain Printers (1951-1999)	200 m East	N		
225 Richmond Road	Otto's Service Centre (1980-2010) Ken Workman's Service Station (1951-1970)	70 m Northeast	N		
236 Richmond Road	Nick's Service Centre (1961-2010)	25 m Southeast	Y		
255 Richmond Road	Lusitania Collision Centre (1951-2000)	On-Site	Y		
256 Richmond Road	Wink's Sunoco (1961-1989)	20 m South	Y		

The presence of a former on-site auto service garage (255 Richmond Road) is considered to represent an APEC with respect to the subject site.

Based on their close proximity, as well as their inferred up-gradient orientation with respect to anticipated groundwater flow, the former auto service garages and retail fuel outlets located at 236 Richmond Road and 256 Richmond Road are also considered to represent APECs with respect to the subject site.

Due to their significant separation distances, as well as their inferred downgradient or cross-gradient orientation with respect to anticipated groundwater flow, none of the other remaining off-site PCAs are considered to pose a potential environmental concern to the subject site.

#### 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 shown to be occupied with two residential dwellings (372 Tweedsmuir Avenue and 249 Richmond Road), as well as an auto service garage and retail fuel outlet (255 Richmond Road) with one underground fuel storage tank located at the front of the property. The historical presence of an on-site auto service garage and retail fuel outlet, as well as the underground fuel storage tank, are considered to represent APECs with respect to the subject site.

The surrounding lands are shown to be used primarily for residential purposes, with the exception of several commercial properties present to the east and west along Richmond Road. The potentially contaminating activities (PCAs) identified within the Phase I study area are summarized below in Table 2:

249 & 255 Richmond Road and 372 Tweedsmuir Avenue Ottawa, Ontario

Table 2: Fire Insurance Plans – PCAs within Phase I Study Area				
Address	Potentially Contaminating Activity	Distance / Orientation from Site	Area of Potential Environmental Concern (Y / N)	
1956 FIPs				
255 Richmond Road	Former Auto Service Garage (x1 UST)	On-Site	Y	
256 Richmond Road	Former Auto Service Garage	20 m South	Y	
277 Richmond Road	Former Auto Body Repair Shop	70 m West	N	
282 Richmond Road (Now 276 Richmond Road)	Former Dry Cleaners	90 m Southwest	Ν	
225 Richmond Road	Former Retail Fuel Outlet (x4 USTs)	70 m Northeast	Ν	
190 Richmond Road	Former Printing Facility	200 m East	Ν	
300 Richmond Road (Now 298 Richmond Road)	Former Auto Service Garage (x2 USTs)	155 m Southwest	Ν	
319 Richmond Road	Former Retail Fuel Outlet (x4 USTs)	225 m Southwest	Ν	
2046 Scott Street	Former Auto Service Garage	245 m Northwest	Ν	
320 McRae Avenue	Former Auto Body Repair Shop	165 m North	Ν	

Based on its close proximity, as well as its inferred up-gradient orientation with respect to anticipated groundwater flow, the former auto service garage and retail fuel outlet located at 256 Richmond Road is considered to represent an APEC with respect to the subject site.

Due to their significant separation distances, as well as their inferred downgradient or cross-gradient orientation with respect to anticipated groundwater flow, none of the other remaining off-site PCAs are considered to pose a potential environmental concern to the subject site.

### 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. No records of any pollutant releases were identified for the subject site or for any properties situated within the Phase I study area.

#### PCB Waste Storage Site Inventory

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

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

The Ontario Ministry of Environment, Conservation and Parks document entitled, *"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 Submissions**

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions for the subject site. A response from the MECP had not been received prior to the issuance of this report.

#### 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 subject site. A response from the MECP had not been received prior to the issuance of this report.

#### 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 neighbouring properties. A response from the MECP had not been received prior to the issuance of this report.

#### MECP Waste Management Records

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records for the subject site. A response from the MECP had not been received prior to the issuance of this report.

#### MECP Brownfields Environmental Site Registry

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

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

- 319 McRae Avenue (RSC #216030) Located approximately 150 m to the northeast of the subject site. According to the RSC, filed in December 2014 by Paterson Group Inc., approximately 8,200 m<sup>3</sup> of contaminated soil was removed from this property during site redevelopment activities. No contaminated groundwater was identified on this property. Based on its separation distance, as well as its inferred down-gradient orientation with respect to anticipated groundwater flow, this property is not considered to pose a potential environmental concern to the subject site.
- 309 Athlone Avenue (RSC #2768) Located approximately 200 m to the north of the subject site. According to the RSC, filed in January 2006 by Paterson Group Inc., approximately 70 m<sup>3</sup> of contaminated soil and 4,046 L of contaminated groundwater was removed from this property during site redevelopment activities. Based on its separation distance, as well as its inferred down-gradient orientation with respect to anticipated groundwater flow, this property is not considered to pose a potential environmental concern to the subject site.
- 236 Richmond Road (RSC #223185) Located approximately 15 m to the southeast of the subject site. According to the RSC, filed in April 2017 by Paterson Group Inc., approximately 1,287 m<sup>3</sup> of contaminated soil was removed from this property during site redevelopment activities. No contaminated groundwater was identified on this property. Based on its separation distance, as well as its inferred down-gradient orientation with respect to anticipated groundwater flow, this property is not considered to pose a potential environmental concern to the subject site.

190 Richmond Road (RSC #224523) – Located approximately 135 m to the southeast of the subject site. According to the RSC, filed in May 2018 by Toronto Inspection Ltd., no contaminated soil or groundwater was identified on this property. As a result, no remedial work was required for this property.

#### **OMNRF** Areas of Natural Significance

A search for areas of natural and scientific interest situated within the Phase I study area was conducted electronically vis the Ontario Ministry of Natural Resources and Forestry (OMNRF) website. The search did not identify any natural features of areas of natural significance within the Phase I study area.

#### 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.

Several off-site records were identified for the following properties within the Phase I study area:

- 236 Richmond Road Located approximately 25 m to the southeast of the subject site. The response from the TSSA identified nine records pertaining to this property, which include:
  - 1 customer shutdown gasoline station;
  - 4 expired underground fuel storage tanks;
  - 3 active underground fuel storage tanks;
  - 1 expired gasoline station (full serve).

These records pertain to the historical presence of a former auto service garage and retail fuel outlet at this property. While some of these records are currently listed by the TSSA as being active, this property was redeveloped with a multi-storey residential building in 2015. Based on its close proximity, as well as its inferred up-gradient orientation with respect to anticipated groundwater flow, the former auto service garage and retail fuel outlet on this property is considered to represent an APEC with respect to the subject site.

- 256 Richmond Road Located approximately 20 m to the south of the subject site. The response from the TSSA identified ten records pertaining to this property, which include:
  - 1 active propane cylinder exchange facility;
  - 4 expired underground fuel storage tanks;
  - 2 inactive underground fuel storage tanks;
  - 2 active underground fuel storage tanks;
  - 1 active gasoline station (self serve).

These records pertain to the presence of an active retail fuel outlet on this property. Based on its close proximity, as well as its inferred up-gradient orientation with respect to anticipated groundwater flow, the active retail fuel outlet on this property is considered to represent an APEC with respect to the subject site.

A copy of the correspondence with the TSSA is included in Appendix 2.

#### 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 Old Landfill Sites

The document prepared by Golder Associates entitled, "Old Landfill Management Strategy, Phase I - Identification of Sites, City of Ottawa", was reviewed as part of this assessment.

One former landfill site was identified within the Phase I study area:

□ Site ID: Ur-19 – Former domestic waste material disposal site, located approximately 15 m to the east of the subject site and was in operation sometime prior to the 1940's.

Based on the dates of operation, its separation distance, as well as its inferred cross-gradient orientation with respect to anticipated groundwater flow, this former landfill site is not considered to pose a potential environmental concern to the subject site.

#### **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.

One former industrial site was identified within the Phase I study area:

190 Richmond Road (Site #19) – Former printing facility and publishing business, "Crain Printers", located approximately 170 m to the east of the subject site and operated from the 1940's to the 1990's.

Based on the dates of operation, its separation distance, as well as its inferred cross-gradient orientation with respect to anticipated groundwater flow, this former industrial site is not considered to pose a potential environmental concern to the subject site.

#### **ERIS Database Report**

A database report, prepared by ERIS (Environmental Risk Information Services) Ltd., dated July 9, 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 identified 18 records listed for the subject site. Several of the on-site records identified in the database, including an environmental registry record, a certificate of approval record, and an environmental compliance approval record, are described as being associated with a former auto service garage located at 255 Richmond Road. The presence of this former on-site auto service garage is considered to represent an APEC with respect to the subject site.

Some O. Reg. 347 Waste Generator Summary records were also identified, which describe minor quantities of oil skimmings and sludges generated between 2009 and 2013 by a sporting goods store formerly located at 255 Richmond Road. Due to the minor quantities generated, these waste products are not considered to pose a potential environmental concern to the subject site.

The remaining on-site records identified in the database generally pertain to groundwater monitoring well records or historical ERIS database searches conducted for the subject site.

#### □ Off-Site Records:

The ERIS report identified 167 records pertaining to properties located within a 250 m radius of the subject site.

Several of the off-site records identified in the database are described as being associated with an existing retail fuel outlet located at 256 Richmond Road, situated approximately 20 m to the south of the subject site. Other records are associated with a former auto service garage and retail fuel outlet located at 236 Richmond Road, situated approximately 25 m to the southeast of the subject site. Based on their close proximity, as well as their inferred up-gradient orientation with respect to anticipated groundwater flow, the existing retail fuel outlet at 256 Richmond Road, as well as the former auto service garage and retail fuel outlet at 256 Richmond Road, are both considered to represent APECs with respect to 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 a potential environmental concern to the subject site.

#### **Previous Engineering Reports**

The following reports were reviewed prior to conducting this assessment:

"Phase I & Phase II Environmental Site Assessment Update, 255 Richmond Road, Ottawa, Ontario", prepared by Trow Associates Inc. and dated October 2008.

According to the historical research, the subject site had been occupied by either an auto service garage and/or retail fuel outlet from at least 1931 to 2008. The neighbouring properties to the south and southeast were either former or existing retail fuel outlets and/or auto service garages. Additionally, the adjacent property to the west of the subject site (261 Richmond Road) was formerly operated as a photographic developing shop, and was observed during a site inspection to contain small quantities of photographic processing wastes. A Phase II ESA was recommended and subsequently carried out to address the aforementioned concerns. The subsurface investigation was carried out on October 17, 2008, and consisted of drilling four boreholes (BH1, BH2, MW3, and MW4) on the subject site. The boreholes were drilled to depths ranging from approximately 3.1 m to 7.5 m below the existing ground surface. Upon completion, two of the boreholes were equipped with groundwater monitoring wells (MW3 and MW4).

The soil stratigraphy encountered at the borehole locations generally consisted of a layer of sand and gravel fill material underlain by silty sand and sandy clay. A silty clay glacial till layer was also encountered in one of the boreholes. Bedrock, consisting of limestone, was encountered in one of the boreholes at a depth of 2.5 m below the existing ground surface. The groundwater level in the monitoring wells was measured to be at a depth of approximately 6.8 m below the existing ground surface.

Four soil samples were submitted for laboratory analysis of metals, VOCs, and PHCs (F<sub>1</sub>-F<sub>4</sub>). All detected parameter concentrations were in compliance with the then applicable MOE Table 3 commercial standards. These concentrations are also considered to be in compliance with the contemporary MECP Table 3 residential standards, with the exception of the concentration of lead in sample MW4-SS2.

Two groundwater samples were submitted for laboratory analysis of metals, VOCs, BTEX, and PHCs (F<sub>1</sub>-F<sub>4</sub>). All detected parameter concentrations were in compliance with the then applicable MOE Table 3 commercial standards. These concentrations are also considered to be in compliance with the contemporary MECP Table 3 residential standards, with the exception of the concentration of chloroform detected in both groundwater samples. The detection of chloroform is likely due to the use of municipal water during the bedrock coring process and is unlikely to be the result of a contaminant issue. The chloroform concentration is expected to dissipate over time through natural attenuation processes.

Based on the findings of the Phase I ESA and Phase II ESA, no contaminant concentrations were identified in excess of the then applicable MOE Table 3 commercial standards, and thus no further work was recommended.

□ "Phase I & Phase II Environmental Site Assessment, 255 Richmond Road, Ottawa, Ontario", prepared by EXP Services Inc. and dated August 24, 2017.

According to the historical research, two off-site retail fuel outlets were identified to the south and southeast of the subject site at 256 Richmond Road and 236 Richmond Road, respectively. A Phase II ESA was recommended and subsequently carried out to address the aforementioned concerns.

The subsurface investigation was carried out on August 4, 2017, and consisted of drilling one borehole (MW17-1) near the southern property line. The borehole was drilled to a depth of 7.9 m below the existing ground surface. Upon completion, the borehole was equipped with a groundwater monitoring well.

The soil profile encountered at the borehole location generally consisted of a layer of asphalt, followed by grey crushed stone fill material, underlain by sandy silt with occasional cobbles and boulders. Bedrock, consisting of limestone, was encountered at a depth of 4.72 m below the existing ground surface. The groundwater level in the monitoring well was measured to be at a depth of approximately 7.11 m below the existing ground surface.

Visual and olfactory evidence of petroleum hydrocarbon contamination was reportedly observed in the soil samples recovered from the borehole at the time of the field drilling program.

One soil/fill sample was submitted for laboratory analysis of BTEX and PHCs ( $F_1$ - $F_4$ ). Based on the analytical test results, the concentration of PHCs  $F_1$  detected in the sample was in excess of the MECP Table 3 commercial standards. It should be noted that the concentration of PHCs  $F_1$  and  $F_2$  detected in this sample are in excess of the MECP Table 3 residential standards.

Three groundwater samples were recovered from the monitoring wells installed in MW3, MW4, and MW17-1 and submitted for laboratory analysis of BTEX and PHCs ( $F_1$ - $F_4$ ). Based on the analytical test results, the concentrations of PHCs  $F_1$  and  $F_2$  detected sample MW17-1 were in excess of the MECP Table 3 commercial standards, as well as the MECP Table 3 residential standards.

Due to its close proximity to a previously installed borehole (MW3), as well as the clean soil and groundwater test results obtained from MW3 during the previous 2008 Phase II ESA, it was surmised that the contamination had occurred sometime after 2008. Based on the nature of the contaminants, it was speculated that the contamination was a result of the discharge of gasoline in the vicinity of the borehole.

Based on the findings of the Phase I ESA and Phase II ESA, it was recommended that the soil and groundwater contamination be further delineated.

Supplemental Phase II Environmental Site Assessment, 255 Richmond Road, Ottawa, Ontario", prepared by EXP Services Inc. and dated November 16, 2017. Based on the findings of the August 2017 Phase II ESA, some petroleum hydrocarbon contamination was identified in the soil and groundwater in the vicinity of MW17-1, located adjacent to the southern property line of the subject site. A delineation program was recommended to determine the extent of the petroleum hydrocarbon impacts on the subject site.

The supplemental subsurface investigation was carried out on October 16, 2017, and consisted of drilling six boreholes (MW17-2 – MW17-7) on the subject site. The boreholes were drilled to depths ranging from 7.6 m to 10.7 m below the existing ground surface. Upon completion, all six boreholes were equipped with groundwater monitoring wells.

The soil profile encountered at the borehole locations generally consisted of brown sand and gravel fill material (extending to a maximum depth of 3.1 m below the existing ground surface), underlain by brown silty sand and silty clay glacial till with occasional gravel. Bedrock, consisting of limestone was encountered at depths ranging from approximately 2.0 m to 2.5 m below the existing ground surface. The groundwater levels in the monitoring wells were measured to be at a depth of approximately 3.94 m to 7.20 m below the existing ground surface.

Six soil samples were submitted for laboratory analysis of BTEX and PHCs ( $F_{1}$ - $F_{4}$ ). Based on the analytical test results, all detected parameter concentrations were in compliance with the MECP Table 3 commercial standards. The results are also considered to be in compliance with the MECP Table 3 residential standards.

Six groundwater samples were submitted for laboratory analysis of BTEX and PHCs ( $F_1$ - $F_4$ ). Based on the analytical test results, the concentration of BTEX and/or PHCs  $F_1$  and  $F_2$  detected in MW17-3, MW17-4, and MW17-5, were in excess of the MECP Table 3 commercial standards. These concentrations are also considered to be in excess of the MECP Table 3 residential standards.

Based on the concentrations measured in the groundwater samples, the contaminant concentration gradient was determined to be towards the northwest (i.e., the highest concentrations were measured in the southeastern part of the property). Based on the measured groundwater flow direction to the northwest, it was suspected that the likely source of the impacts was a result of a fuel spill or leak which occurred from the retail fuel outlet to the south (256 Richmond Road) and/or the former retail fuel outlet to the southeast (236 Richmond Road).

It was recommended that additional water level monitoring and sampling be conducted to confirm the findings of the Phase II ESA.

### 4.3 Physical Setting Sources

#### **Aerial Photographs**

Historical air photos from the National Air Photo Library were reviewed in approximate ten (10) year intervals. Based on the review, the following observations have been made:

- 1931 *(City of Ottawa)* The subject site appears to be occupied with three residential dwellings at this time. The surrounding properties appear to be used mainly for residential purposes.
- 1945 *(City of Ottawa)* The western portion of the subject site has been redeveloped with an auto service garage building. No significant changes are apparent with respect to the surrounding properties.
- 1958 *(City of Ottawa)* No significant changes are apparent with respect to the subject site. Retail fuel outlets and auto service garages can be seen across Richmond Road to the south and southeast, respectively.
- 1965 *(City of Ottawa)* No significant changes are apparent with respect to the subject site or the surrounding properties.
- 1976 *(City of Ottawa)* An addition appears to have been constructed onto the west side of the auto service garage building in the western portion of the subject site. No significant changes are apparent with respect to the surrounding properties.
- 1991 *(City of Ottawa)* No significant changes are apparent with respect to the subject site. The neighbouring property to the east, opposite Tweedsmuir Avenue, appears to have been redeveloped with an auto dealership and service garage building.
- 2002 *(City of Ottawa)* An addition appears to have been constructed onto the north side of the auto service garage building in the central portion of the subject site. No significant changes are apparent with respect to the surrounding properties
- 2011 *(City of Ottawa)* No significant changes are apparent with respect to the subject site or the neighbouring properties.

2019 *(City of Ottawa)* No significant changes are apparent with respect to the subject site. The auto service garage to the southeast, across Richmond Road, has been redeveloped with a multi-storey residential building. The subject site and the surrounding lands appear as they do today.

Copies of selected aerial photographs reviewed are included in Appendix 1.

#### Water Bodies

No water bodies are present on the subject site. The nearest named water body with respect to the subject site is the Ottawa River, located approximately 800 m to the northwest.

#### Geological Maps

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

#### **Topographic Maps**

A topographic map was reviewed from the Natural Resources Canada – The Atlas of Canada website as part of this assessment. The topographic map indicates that the general elevation of the subject site is approximately 65 m above sea level. The regional topography in the general area of the subject site slopes down towards the northwest, in the direction of 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 a 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.

#### MECP Water Well Records

A search of the MECPs website for all drilled well records within a 250 m radius of the subject site was conducted as part of this assessment. The search identified 32 well records within the Phase I study area. These records pertain to wells installed between 1958 and 2020 and used for either domestic household or groundwater observation purposes. Based on the availability of municipal services, no drinking water wells are expected to be currently in use within the Phase I study area.

Several of the well records pertain to groundwater monitoring wells installed on the subject site (255 Richmond Road). According to these well records, the overburden stratigraphy on the subject site generally consists of brown sand and gravel fill material, underlain by grey silty clay. Bedrock, consisting of grey limestone with occasional shale, was generally encountered at an average depth of approximately 2.0 m to 4.0 m below ground surface.

A select number of the aforementioned well records have been included in Appendix 2.

### 5.0 PERSONAL INTERVIEWS

Mr. Matthew Maxsom, a representative of the current property owners, was available at the time of the site inspection to respond to questioning about the environmental history of the subject site.

Mr. Maxsom stated that a portion of the subject site (255 Richmond Road) was historically utilized as an auto service garage from the 1940's until 2008, after which the building was converted into a multi-tenant commercial retail building. Mr. Maxsom was unaware of any existing aboveground or underground fuel storage tanks currently present on the subject site.

Mr. Maxsom further stated that he was aware of a previous Phase II ESA report, commissioned by the previous owner of the subject site to address the potential environmental concerns associated with the former on-site auto service garage as well as a former on-site underground fuel storage tank. A copy of this report has been requested for our review.

# 6.0 SITE RECONNAISSANCE

### 6.1 General Requirements

A site inspection was conducted for the subject site on July 14, 2021, between 11:00 AM and 12:00 PM. Weather conditions were sunny, with a temperature of approximately 28°C. Mr. Nick Sullivan, from the Environmental Department of Paterson Group, conducted the inspection. In addition to the subject site, the uses of neighbouring properties within the Phase I study area were also assessed at the time of the site inspection.

### 6.2 Site Inspection Observations

#### **Site Description**

The subject site is currently occupied with a restaurant building (249 Richmond Road), a multi-unit commercial retail building (255 Richmond Road), and a residential dwelling (372 Tweedsmuir Avenue). The remainder of the subject site is largely paved with asphaltic concrete, with the exception of some landscaped areas on the residential property at 372 Tweedsmuir Avenue.

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

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

A depiction of the subject site is illustrated on Drawing PE5365-1 – Site Plan, in the Figures section of this report.

#### **Buildings and Structures**

The subject site is currently occupied with three individual buildings, each described as follows:

#### □ 249 Richmond Road

This property is currently occupied with a two-storey commercial restaurant building, with one basement level. Built sometime prior to 1930, the subject building is constructed with a stone foundation and is finished on the exterior with brick and vinyl siding, in addition to a flat tar-and-gravel style roof and a sloped-shingled roof. The subject building is currently heated via a natural gas-fired furnace, located in the basement.

#### □ 255 Richmond Road

This property is currently occupied with a one-storey, slab-on-grade style, multi-unit commercial retail building. Built sometime in the 1940's, with additions later added on sometime in the 1970's and 1990's, the subject building is constructed with a poured concrete slab foundation, and is finished on the exterior with concrete block, in addition to a rolled-membrane style roof. The subject building is currently heated via natural gas-fired rooftop HVAC units.

#### □ *372 Tweedsmuir Avenue*

This property is currently occupied with a two storey residential dwelling, with one basement level. Built sometime prior to 1930, the subject building is constructed with a stone foundation and is finished on the exterior with vinyl 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.

#### **Groundwater Monitoring Wells**

Four groundwater monitoring well flushmount caps were observed within the front parking lot of 255 Richmond Road.

According to conversations with the current property owners, these wells were installed several years ago as part of a previous subsurface investigation carried out for the subject site.

#### Fill Material

Fill material is likely to be encountered beneath the asphaltic concrete parking lots within the southern and eastern portions of the subject site. Due to its unknown quality, this fill material is considered to pose an environmental concern to the subject site.

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

No electrical transformers or any other potential sources of PCBs were observed on the exterior of the subject site at the time of the site inspection.

#### □ Waste Management

Solid, non-hazardous domestic waste and recyclable products are stored in plastic and metal bins adjacent to the exterior of the subject buildings 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 subject buildings is as follows:

- □ The floors consist of ceramic tile, hardwood, laminate flooring, vinyl floor tiles, carpet, and/or poured concrete;
- □ The walls consist of drywall, concrete block, plaster, cement parging, and/or wood panelling;
- □ The ceilings consist of suspended ceiling tiles, drywall, stipple plaster, and/or steel decking;
- □ Lighting throughout the buildings is provided by LED, incandescent, and/or fluorescent light fixtures.

#### **Potentially Hazardous Building Products**

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

Based on the age of the subject buildings, asbestos containing building materials may be potentially present within the structures. Potential ACMs observed on-site include the following:

- □ *249 Richmond Road:* stipple plaster ceilings, drywall joint compound, plaster/cement parging walls;
- □ *255 Richmond Road:* drywall joint compound, suspended ceiling tiles, and vinyl floor tiles;
- □ *372 Tweedsmuir Avenue:* drywall joint compound, stipple plaster ceilings, plaster/cement parging walls.

The potential 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 buildings, 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.

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

No potential sources of PCBs were identified inside any of the subject buildings 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 buildings were observed to be predominantly limited to domestically available cleaning products, stored properly in their original containers.

A printing shop was identified as one of the commercial tenants inside the multi-unit commercial building at 255 Richmond Road. At the time of the site inspection, all ink products were observed to be properly stored in their original containers and no signs of any leaks or staining were observed inside the shop. Due to the recent presence of this shop (c.2020), as well as the limited quantities of solvents used on-site, this printing shop is not considered to pose an environmental concern to the subject site.

#### □ Wastewater Discharges

No sump pits of floor drains were observed inside the subject buildings 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;
- *South:* Richmond Road, followed by a retail fuel outlet (256 Richmond Road) and residential dwellings;
- *East:* Tweedsmuir Avenue, followed by an auto dealership and service garage;
- *West:* Commercial retail buildings, followed by Athlone Avenue and additional commercial retail buildings.

Due to its close proximity, as well as its inferred up-gradient orientation with respect to anticipated groundwater flow, the retail fuel outlet located to the south, opposite Richmond Road is considered to represent an APEC with respect to the subject site.

The neighbouring land use within the Phase I study area is shown on Drawing PE5365-2 – 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 residential dwellings sometime prior to the 1930's.

#### Potentially Contaminating Activities (PCAs)

Based on the findings of this Phase I ESA, five potentially contaminating activities (PCAs), resulting in areas of potential environmental concern (APECs), were identified as pertaining to the subject site. These APECs include:

- □ A former on-site auto service garage, located in the western portion of the subject site (255 Richmond Road);
- □ A former underground fuel storage tank, located in the western portion of the subject site (255 Richmond Road);
- Fill material of unknown quality, located beneath the asphaltic concrete in the southern and eastern portions of the subject site (249 Richmond Road and 255 Richmond Road);
- □ An existing retail fuel outlet and former auto service garage, located approximately 20 m to the south of the subject site (256 Richmond Road);
- □ A former auto service garage and retail fuel outlet, located approximately 25 m to the southeast of the subject site (236 Richmond Road);

Other off-site PCAs were identified within the Phase I study area but were deemed not to pose a potential 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 anticipated groundwater flow.

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

The areas of potential environmental concern identified in this Phase I ESA are summarized below in Table 3:

249 & 255 Richmond Road and 372 Tweedsmuir Avenue Ottawa, Ontario

Table 3         Areas of Potential Environmental Concern					
APEC	Location of APEC			Contaminants of Potential Concern	Media Potentially Impacted
APEC #1 Former Auto Service Garage	Western Portion of Subject Site	"Item 52: Storage, Maintenance, Fuelling, and Repair of Equipment, Vehicles, and Material Used to Maintain Transportation Systems"	On-Site	BTEX PHCs (F1-F4)	Soil and/or Groundwater
APEC #2 Former Underground Fuel Storage Tank	Western Portion of Subject Site	"Item 28: Gasoline and Associated Products Storage in Fixed Tanks"	On-Site	BTEX PHCs (F <sub>1</sub> -F <sub>4</sub> )	Soil and/or Groundwater
APEC #3 Fill Material of Unknown Quality	Southern and Eastern Portions of Subject Site	"Item 30: Importation of Fill Material of Unknown Quality"	On-Site	Metals EC SAR	Soil/Fill
APEC #4 Existing Retail Fuel Outlet & Former Auto Service Garage	Southern Portion of Subject Site	<i>"Item 28: Gasoline and Associated Products Storage in Fixed Tanks"</i>	20 m South	BTEX PHCs (F1-F4)	Soil and/or Groundwater
APEC #5 Former Auto Service Garage & Retail Fuel Outlet	Southeastern Portion of Subject Site	"Item 28: Gasoline and Associated Products Storage in Fixed Tanks"	20 m South	BTEX PHCs (F <sub>1</sub> -F <sub>4</sub> )	Soil and/or Groundwater

### Contaminants of Potential Concern (CPCs)

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

- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX);
- □ Petroleum Hydrocarbons, fractions 1 4 (PHCs F<sub>1</sub>-F<sub>4</sub>);
- □ Metals (including Mercury and Hexavalent Chromium);
- □ Electrical Conductivity (EC);
- □ Sodium Adsorption Ratio (SAR).

These CPCs have the potential to be present in the soil matrix and/or the groundwater situated beneath 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 limestone and dolomite of the Gull River Formation. The surficial geology consists of glacial till plains, 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.

#### 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 800 m to the northwest.

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

The subject site is currently occupied with a commercial restaurant building (249 Richmond Road), a multi-unit commercial retail building (255 Richmond Road), and a residential dwelling (372 Tweedsmuir Avenue).

#### Current and Future Property Use

The subject site is currently being used for a combination of residential and commercial purposes. It is our understanding that the subject site is to be redeveloped for mixed-use residential and commercial purposes. Due to the conversion to a more sensitive land use (commercial to residential), a record of site condition (RSC) will be required to be filed with the MECP.

#### Drinking Water Wells

Based on the availability of municipal water services, no drinking water wells are expected to be present within the Phase I study area.

#### Neighbouring Land Use

The neighbouring lands within the Phase I study area consist of a combination of residential and commercial properties. Current land use is shown on Drawing PE5365-2 – Surrounding Land Use Plan, in the Figures section of this report.

# Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of this report, five potentially contaminating activities (PCAs), resulting in areas of potential environmental concern (APECs), were identified as pertaining to the subject site. These APECs include:

- ❑ A former on-site auto service garage, located in the western portion of the subject site (255 Richmond Road);
- □ A former underground fuel storage tank, located in the western portion of the subject site (255 Richmond Road);
- Fill material of unknown quality, located beneath the asphaltic concrete in the southern and eastern portions of the subject site (249 Richmond Road and 255 Richmond Road);
- □ An existing retail fuel outlet and former auto service garage, located approximately 20 m to the south of the subject site (256 Richmond Road);
- □ A former auto service garage and retail fuel outlet, located approximately 25 m to the southeast of the subject site (236 Richmond Road);

Other off-site PCAs were identified within the Phase I study area but were deemed not to pose a potential 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 anticipated groundwater flow.

#### **Contaminants of Potential Concern**

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

- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX);
- □ Petroleum Hydrocarbons, fractions 1 4 (PHCs F<sub>1</sub>-F<sub>4</sub>);
- □ Metals (including Mercury and Hexavalent Chromium);
- □ Electrical Conductivity (EC);
- □ Sodium Adsorption Ratio (SAR).

These CPCs have the potential to be present in the soil matrix and/or the groundwater situated beneath the subject site.

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

The information available for review as part of the preparation of the Phase I ESA is considered to be sufficient to conclude that there are PCAs and APECs associated with the subject site.

The presence 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 2828727 Ontario Inc. to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for the properties addressed 249 & 255 Richmond Road and 372 Tweedsmuir 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 the 1930's for residential purposes. Later in the 1940's, an auto service garage, as well as an associated underground fuel storage tank, was constructed on the western portion of the subject site at 255 Richmond Road. The historical presence of this former on-site auto service garage and former on-site underground fuel storage tank, are both considered to represent APECs with respect to the subject site.

The neighbouring lands in the vicinity of the subject site have historically been developed for residential purposes, with the exception of several commercial properties developed along Richmond Road. A former auto service garage and retail fuel outlet was present at 236 Richmond Road, located approximately 25 m to the southeast of the subject site. Based on its close proximity, as well as its inferred up-gradient orientation with respect to anticipated groundwater flow, the historical use of this property is considered to represent an APEC with respect to the subject site.

Presently, the subject site is currently occupied with a restaurant building (249 Richmond Road), a multi-unit commercial retail building (255 Richmond Road), and a residential dwelling (372 Tweedsmuir Avenue). The likely presence of fill material of unknown quality, situated beneath the on-site asphaltic concrete parking lots, is considered to represent an APEC with respect to the subject site.

The surrounding lands within the vicinity of the subject site consist mainly of residential properties, with the exception of several commercial properties along Richmond Road. An active retail fuel outlet was identified at 256 Richmond Road, located approximately 20 m to the south of the subject site. Due to its close proximity, as well as its inferred up-gradient orientation with respect to anticipated groundwater flow, the current use of this property is considered to represent an APEC with respect to the subject site.

### Recommendations

Based on the findings of this assessment, it is our opinion that **a Phase II –** Environmental Site Assessment will be required for the subject site.

#### Hazardous Substances

Based on the age of the subject buildings, asbestos containing building materials may be potentially present within the structures. Potential ACMs observed onsite include the following:

- □ *249 Richmond Road:* stipple plaster ceilings, drywall joint compound, plaster/cement parging walls;
- □ *255 Richmond Road:* drywall joint compound, suspended ceiling tiles, and vinyl floor tiles;
- □ *372 Tweedsmuir Avenue:* drywall joint compound, stipple plaster ceilings, plaster/cement parging walls.

The potential 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. An asbestos survey of the subject buildings should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to any proposed demolition activities, if one has not already been conducted.

Based on the age of the subject buildings (c.1930's/1940's-1990's), lead-based paints may be present, on any original or older painted surfaces. The painted surfaces within the subject buildings were generally observed to be in good condition and do not pose an immediate concern to the occupants of the building. 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 as well as 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 2828727 Ontario Inc. Permission and notification from 2828727 Ontario Inc. and Paterson Group will be required prior to the release of this report to any other party.

#### Paterson Group Inc.

N. Sullin

Nick Sullivan, B.Sc.

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Mark S. D'Arcy, P.Eng., QPESA

#### **Report Distribution:**

- 2828727 Ontario Inc.
- Paterson Group Inc.



### **10.0 REFERENCES**

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Ōttawa

### **Federal Records**

- □ Natural Resources Canada: Air Photo Library.
- □ Natural Resources Canada: The Atlas of Canada.
- Geological Survey of Canada: Surficial and Subsurface Mapping.
- D Environment Canada: National Pollutant Release Inventory.
- □ National PCB Waste Storage Site Inventory.
- □ National Archives of Canada.

North Bay

### **Provincial Records**

- □ MECP: Freedom of Information and Privacy Office.
- D MECP: Municipal Coal Gasification Plant Site Inventory, 1991.
- □ MECP: Waste Disposal Site Inventory, 1991.
- □ MECP: Brownfields Environmental Site Registry.
- □ MECP: Water Well Inventory.
- □ Office of Technical Standards and Safety Authority, Fuels Safety Branch.
- □ Ministry of Natural Resources and Forestry Areas of Natural Significance.
- 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: eMap website.
- City of Ottawa: Historical Land Use Inventory Database
- City of Ottawa: document entitled, "Old Landfill Management Strategy, Phase I – Identification of Sites", prepared by Golder Associates, 2004.

#### Local Information Sources

Personal Interviews.

### **Public Information Sources**

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

# **FIGURES**

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5365-1 – SITE PLAN

DRAWING PE5365-2 – SURROUNDING LAND USE PLAN

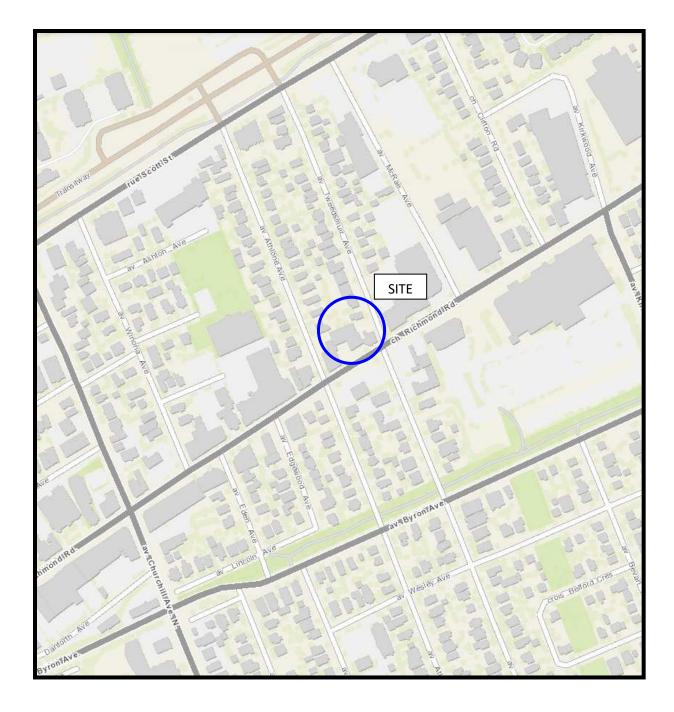


FIGURE 1 KEY PLAN

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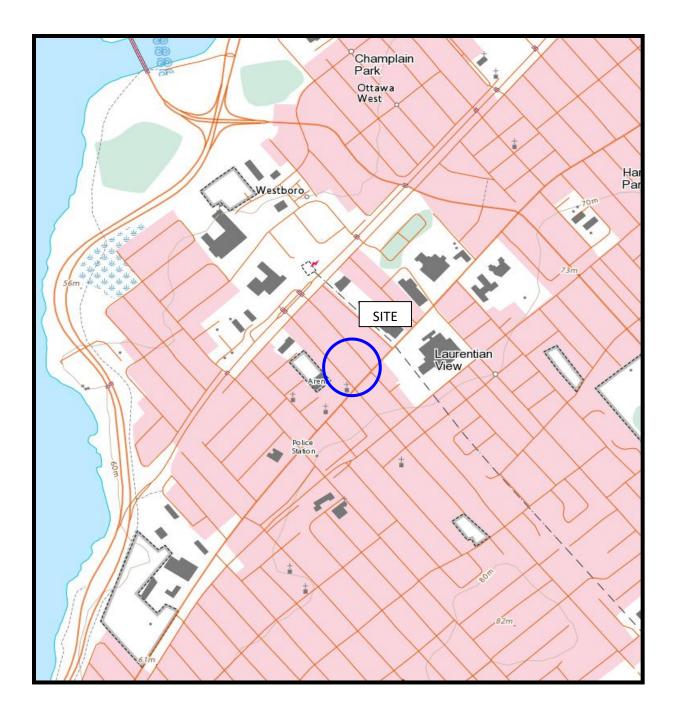
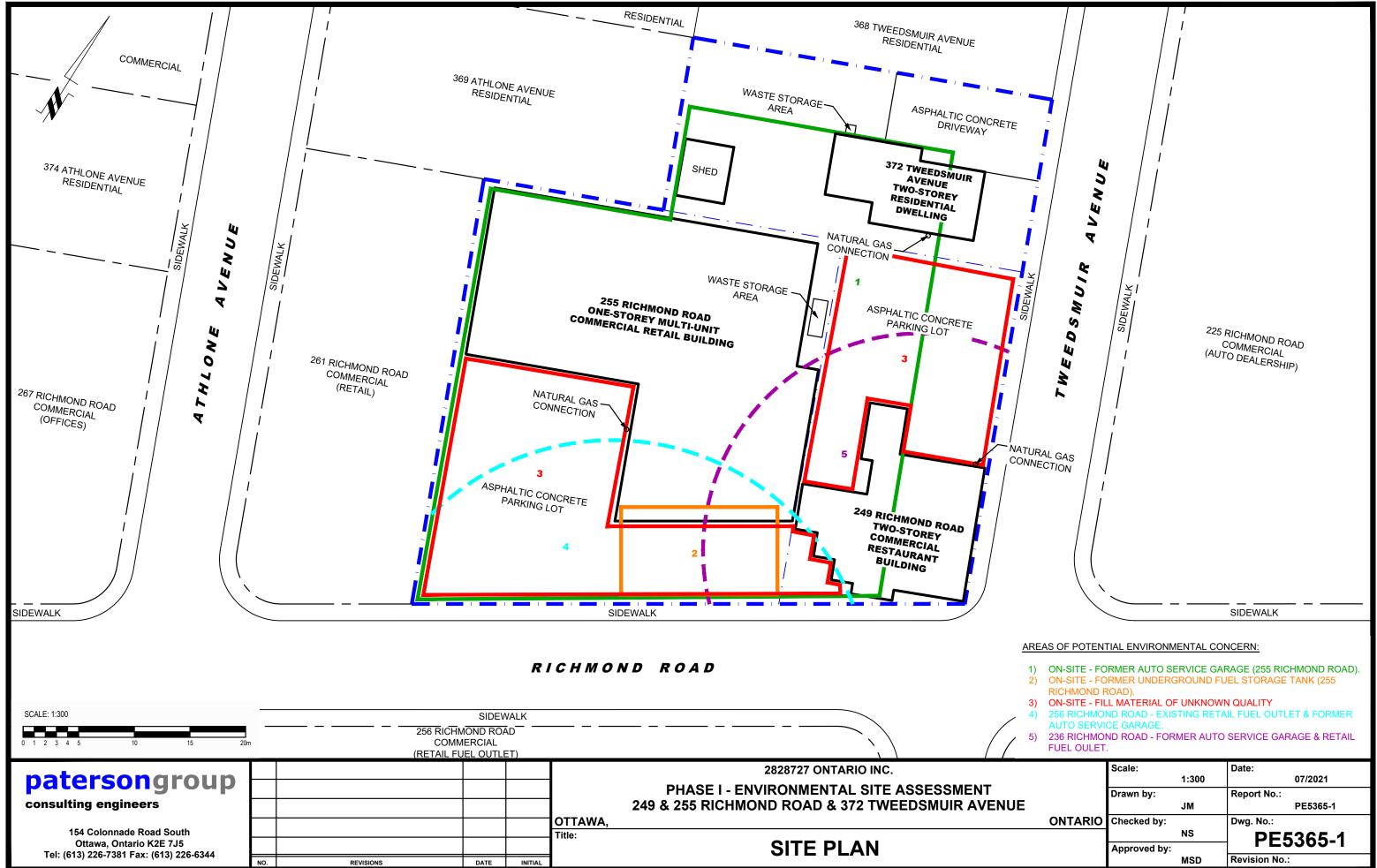
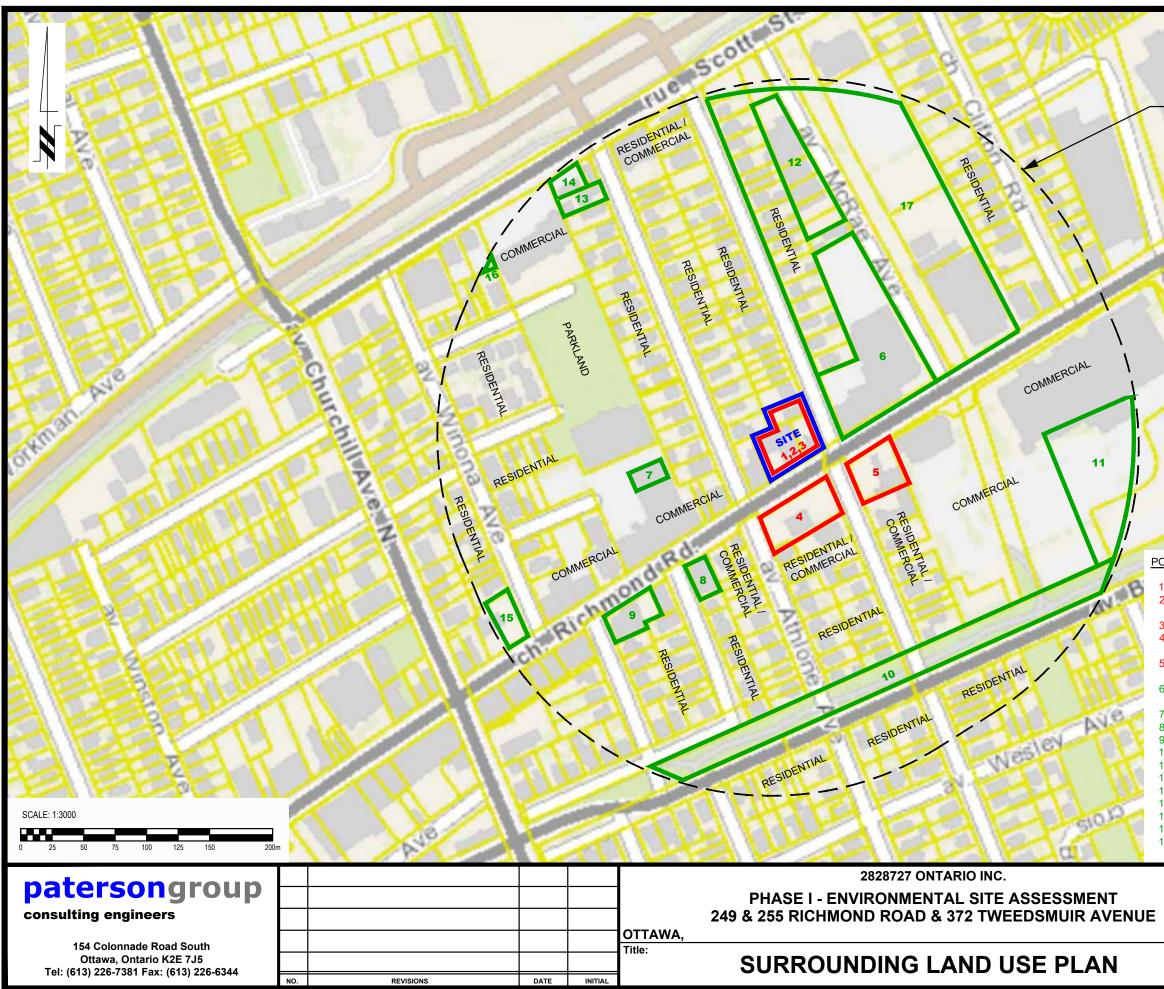


FIGURE 2 TOPOGRAPHIC MAP

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		NS	PE5365-1
	Approved by:		
		MSD	Revision No.:



-PHASE I - ENVIRONMENTAL SITE
ASSESSMENT STUDY AREA

Richmon

POTENTIALLY CONTAMINATING ACTIVITIES:

- I) ON-SITE FORMER AUTO SERVICE GARAGE (255 RICHMOND ROAD).
- 2) ON-SITE FORMER UNDERGROUND FUEL STORAGE TANK (255 RICHMOND ROAD).
- 3) ON-SITE FILL MATERIAL OF UNKNOWN QUALITY.
- 4) 256 RICHMOND ROAD EXISTING RETAIL FUEL OUTLET & FORMER AUTO SERVICE GARAGE.
- 5) 236 RICHMOND ROAD FORMER AUTO SERVICE GARAGE & RETAIL FUEL OULET.
- 6) 225 RICHMOND ROAD EXISTING AUTO DEALERSHIP & SERVICE GARAGE.
- 7) 277 RICHMOND ROAD FORMER AUTO BODY REPAIR SHOP
- 8) 276 RICHMOND ROAD FORMER DRY CLEANERS.
- 9) 298 RICHMOND ROAD FORMER AUTO SERVICE GARAGE.
- 10) FORMER RAILWAY LINE
- 11) 190 RICHMOND ROAD FORMER PRINTING FACILITY
- 12) 320 MCRAE AVENUE FORMER AUTO SERVICE GARAGE.
- 13) 314 ATHLONE AVENUE FORMER AUTO BODY REPAIR SHOP.
- 14) 2020 SCOTT STREET FORMER AUTO SERVICE GARAGE.
- 15) 319 RICHMOND ROAD FORMER AUTO SERVICE GARAGE.
- 16) 2046 SCOTT STREET EXISTING AUTO SERVICE GARAGE.
- 17) FORMER LANDFILL SITE.

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		NS	PE5365-2
	Approved by:		FLJJUJ-2
		MSD	Revision No.:

# **APPENDIX 1**

**AERIAL PHOTOGRAPHS** 

SITE PHOTOGRAPHS



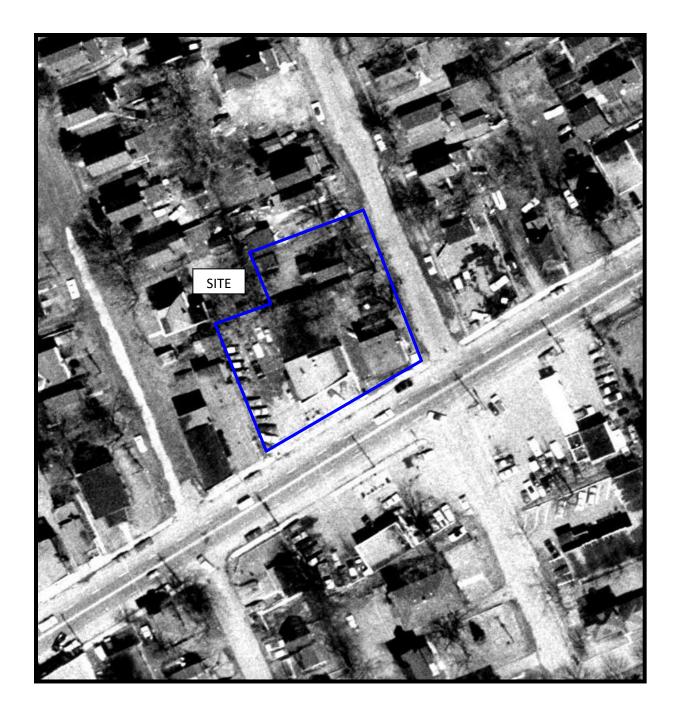
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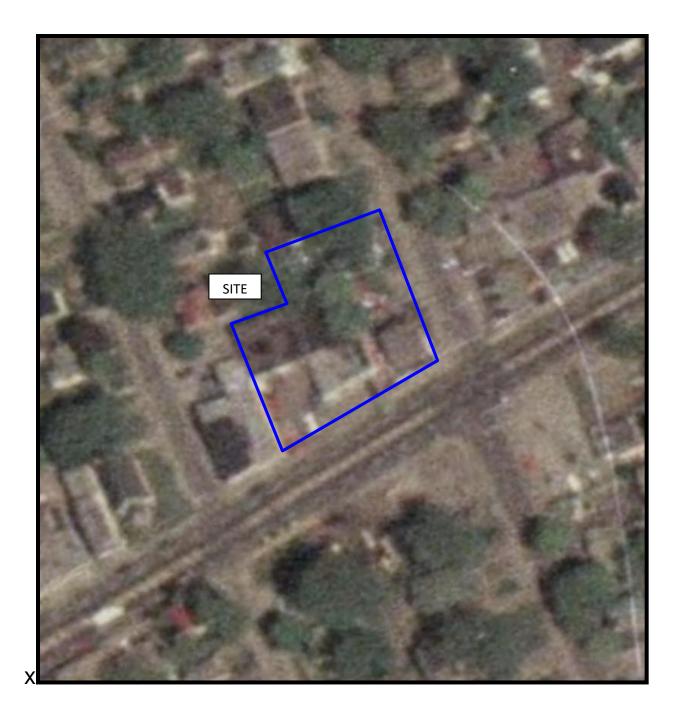
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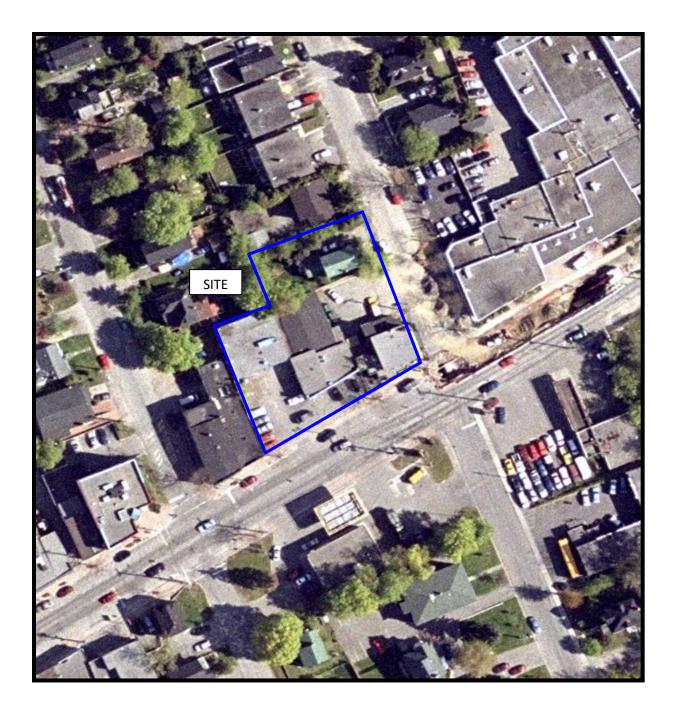
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### Site Photographs

PE5365 249 & 255 Richmond Road and 372 Tweedsmuir Avenue, Ottawa, Ontario July 14, 2021



Photograph 1: View of the southern portion of the subject site, facing northeast from Richmond Road.



Photograph 2: View of the southern portion of the subject site, facing northwest from Richmond Road.

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### Site Photographs

PE5365 249 & 255 Richmond Road and 372 Tweedsmuir Avenue, Ottawa, Ontario July 14, 2021



Photograph 3: View of the northern portion of the subject site, facing west from Tweedsmuir Avenue



Photograph 4: View of the eastern portion of the subject site, facing west form Tweedsmuir Avenue.

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# **APPENDIX 2**

MECP FREEDOM OF INFORMATION SEARCH REQUEST

**MECP WATER WELL RECORDS** 

**TSSA CORRESPONDENCE** 

CITY OF OTTAWA HLUI SEARCH REQUEST

**ERIS DATABASE REPORT** 



Ministry of Environment and Energy

### **Freedom of Information Request**

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

	Requester Data	For Ministry Use Only						
Name, Company Name, Mailing Address and	nd Email Address of Requester		FOI Request No. Date Request Received					
Nick Sullivan Paterson Group Inc.			Fee Paid					
154 Colonnade Road Ottawa, ON K2E 7J5								
Email address: nsullivan@patersor	ngroup.ca				/ISA/MC 🗆 CASH			
Telephone/Fax Nos.	Your Project/Reference No.	Signature/Print /Name of Requester		🗆 ER 🗆 NOF	R 🗆 SWR 🗆 WCR			
Tel. 613-226-7381 Fax 613-226-6344	PE5365	Nick Sullivan						
		Request Paramete	'S					
		ress essential for cities, towns or regions)						
255 Richmond Road; Part Present Property Owner(s) and Date(s) of C		1 (Ottawa Front), Formerly the T	ownship of N	epean, in the City of	of Ottawa, Ontario			
Previous Property Owner(s) and Date(s) of	Ownership							
Present/Previous Tenant(s),(if applicable)								
Files older than 2 years may requ		arch Parameters here is no guarantee that records response	ve to your reque	est will be located.	Specify Year(s) Requested			
Environmental concerns (C	General correspondence	ce, occurrence reports, abatemen	.)		all			
Orders					all			
Spills								
opino					all			
	s ➤ Owner AND tena	nt information must be provided			all all			
Investigations/prosecution		int information must be provided						
Investigations/prosecution	classes	nt information must be provided s of Approval ➤ Proponent info	rmation mus	t be provided	all			
Investigations/prosecution: Waste Generator number/ 1985 and prior records are se	classes Certificate earched manually. Searc		e incurred, dep	pending on the types	all all and years to be searched. Speci			
Investigations/prosecution: Waste Generator number/ 1985 and prior records are se	classes Certificate earched manually. Searc	s of Approval ➤ Proponent info h fees in excess of \$300.00 could b	e incurred, dep	pending on the types	all all and years to be searched. Speci			
Nvestigations/prosecution <u>Waste Generator number/</u> 1985 and prior records are se Certificates of Approval numb	classes Certificate earched manually. Searc	s of Approval ➤ Proponent info h fees in excess of \$300.00 could b	e incurred, dep	bending on the types bx and specify type e	all all and years to be searched. Speci g. maps, plans, reports, etc.			
nvestigations/prosecution <u>Naste Generator number/</u> 1985 and prior records are se Certificates of Approval numb	classes Certificate earched manually. Searc per(s) (if known). If supp	s of Approval ➤ Proponent info h fees in excess of \$300.00 could b	e incurred, dep I, mark SD bo	bending on the types bx and specify type e	all all and years to be searched. Speci g. maps, plans, reports, etc. Specify Year(s) Requested			
nvestigations/prosecution <u>Naste Generator number/</u> 1985 and prior records are se Certificates of Approval numb air - emissions water - mains, treatment, groun	classes Certificate earched manually. Searc ber(s) (if known). If supp d level, standpipes & elevate	s of Approval > Proponent info h fees in excess of \$300.00 could b orting documents are also required	e incurred, dep I, mark SD bo Ier)	bending on the types bx and specify type e	all all and years to be searched. Spec g. maps, plans, reports, etc. Specify Year(s) Requested 1986-present			
Investigations/prosecutions Waste Generator number/ 1985 and prior records are se Certificates of Approval numb air - emissions water - mains, treatment, groun Sewage - sanitary, storm, treat	classes Certificate earched manually. Searc ber(s) (if known). If supp d level, standpipes & elevate ment, stormwater, leachate &	s of Approval ➤ Proponent info h fees in excess of \$300.00 could b orting documents are also required ed storage, pumping stations (local & boos	e incurred, dep I, mark SD bo Ier)	bending on the types bx and specify type e	all all and years to be searched. Spec g. maps, plans, reports, etc. Specify Year(s) Requested 1986-present 1986-present			
Investigations/prosecutions Waste Generator number/ 1985 and prior records are se Certificates of Approval numb air - emissions water - mains, treatment, groun sewage - sanitary, storm, treatr waste water - industrial discha	classes Certificate earched manually. Searc ber(s) (if known). If supp d level, standpipes & elevate ment, stormwater, leachate & arges	s of Approval ➤ Proponent info h fees in excess of \$300.00 could b orting documents are also required ed storage, pumping stations (local & boos & leachate treatment & sewage pump stations	e incurred, dep I, mark SD bo Ier)	bending on the types bx and specify type e	all all and years to be searched. Speci g. maps, plans, reports, etc. <b>Specify Year(s) Requested</b> 1986-present 1986-present 1986-present			
Investigations/prosecutions Waste Generator number/ 1985 and prior records are se Certificates of Approval numb air - emissions water - mains, treatment, groun sewage - sanitary, storm, treatr waste water - industrial discha waste sites - disposal, landfill	Classes Certificate earched manually. Searc ber(s) (if known). If supp d level, standpipes & elevate ment, stormwater, leachate & arges sites, transfer stations, proce	s of Approval ➤ Proponent info h fees in excess of \$300.00 could b orting documents are also required ed storage, pumping stations (local & boos & leachate treatment & sewage pump stations	e incurred, dep I, mark SD bo ter)	bending on the types ox and specify type e SD	all all and years to be searched. Speci g. maps, plans, reports, etc. <b>Specify Year(s) Requested</b> 1986-present 1986-present 1986-present 1986-present			

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

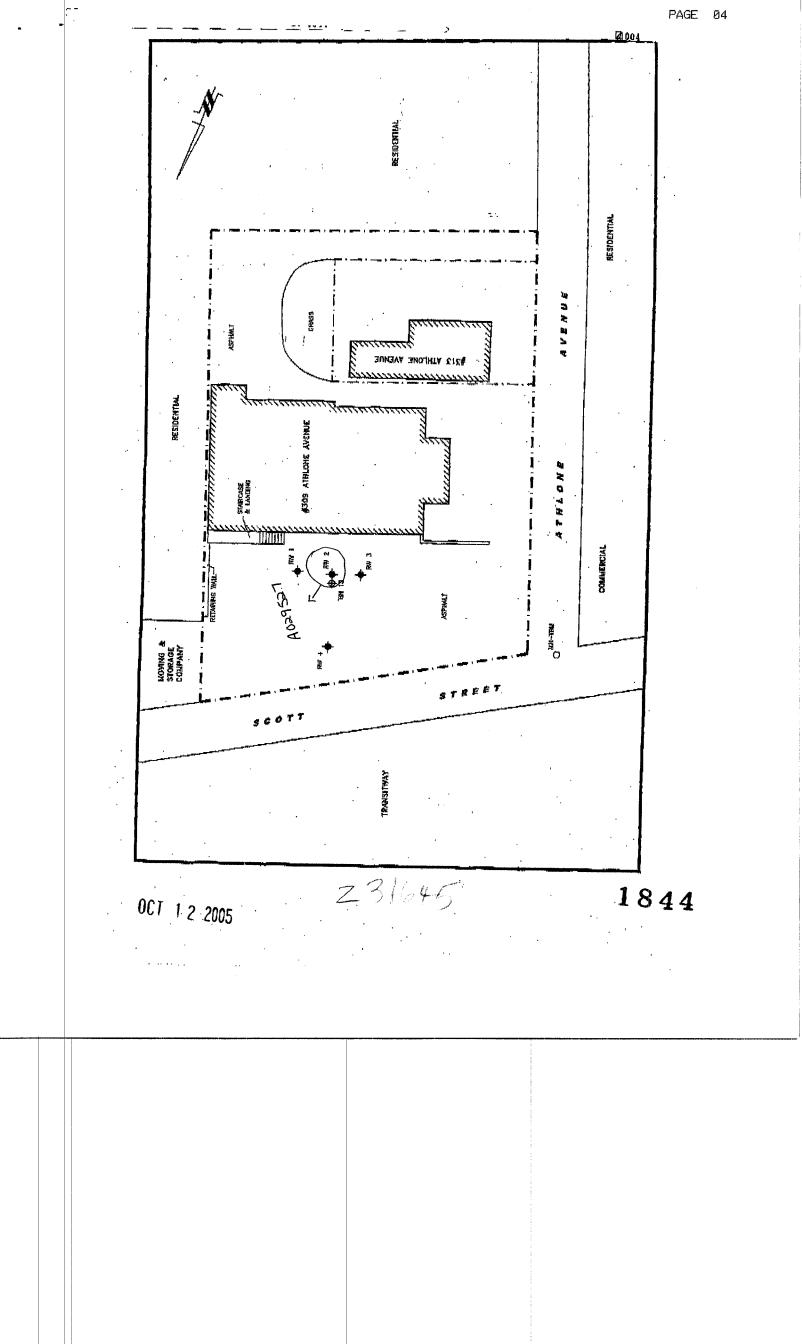
		<b>*</b> 3	*		11: E (	
UTM 118 2 441/1310	<u> </u> O_E		K.	15 I	Nº 8932	
5 R S1012161712	15 N	ONJAR	<b>1</b> 0	GROUND WATER B	RANCH X	
Elev. 4 R 0121215	The Wa	iter-well Drille	ers Act, 1954	AUG - 5 195	58	
Basin 215		Department of		ONTARIO WAT		
7	Nater	-Wel	l Recor		1	
County or Territorial District	P.C.L.E.				PUA	
			Village, Town or ( ddress			
(day)	(month)					
	(month)	(year)				
Pipe and Casing				Pumping Test		
Casing diameter(s)	5″	S <sup>.</sup>	tatic level	35	,	
Length(s)			umping rate	000 G-P-M	•••••••••••••••••••••••••••••	
Length of screen		P D	umping level uration of test	148	•••••••	
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)	
BOUDER CLAY	8	20				
GAEY LIPANSONE	20	115	110	80	FRISM	
					·····	
			·			
					······································	
					• <u></u>	
For what purpose(s) is the water t	o be used?				Ĩ. (* 14	
MOTEC	*****	•••••		show distances of		
Is water clear or cloudy?				. Indicate north		
Drilling firm	GAER			8		
Address	9.19	••••••		9		
•••••						
Name of Driller				212		
Address			••••••••••••••••••••••••••••••••••••••	3 MICH	TONO RD	
Licence Number				$\dot{\mathbf{x}}$	، د <sup>.</sup>	
I certify that the for statements of fact a					۲)	
Date Jul 126 mm				WK YV		
	ature of Licensee			13 100'		
(1 J ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~						

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TWEEDSMUIR AVE

🕅 Ontario	Ministry of the Environment						sources Act RECORD
Print only in spaces provide Mark correct box with a che		ble. $11$	153296	53		•	22 23 23
County or District	arleton	Township/Borough/City/	Town/Village cf:0t(acc)	લ .	Con block	tract survey, et	C. Lot 25-27 48-53
	T1	Address	O Hawa RC Elevi		Basin Code	Date completed Z da	0602
1 2		F OVERBURDEN AND BEDR	OCK MATERIALS (se		ns)		47
General colour Most	t common material	Other materials			lescription	F	Depth - feet From ∕ To
Sar	daravel						DY
Ster lin	restare				•		4 51
		<u> </u>					
		·					
32 41 WATER RECOR						33 Diameter 34-36	75 80 3 Length 39-40
Water found at - feet Kind of	water Inside diam	Wall Material thickness	Depth - feet From To	N (Slot No.)	, or ming	inches	
10-13 1 - Fresh 2 2 - Shty	Inches       Minerals       Gas	1 Steel 12 2 Galvanized 3 Concrete	13-16	Material ar	nd type	Dept	h at top of screen 41-44 30 feet
	☐ Sulphur 19 ☐ Minerals ☐ Gas 17-18	4  Open hole 5  Plastic	0 6	61 <b>P</b>	LUGGING	& SEALING RE	CORD
20-23 Eroch 3	Sulphur 24	1         Steel         19           2         Galvanized         3           3         Concrete		Depth set at -	Annular space		pandonment grout, bentonite, etc.)
25-28 1 🗆 Fresh 3	Sulphur 29 Minerals Gas	4 □ Open hole 5 □ Plastic 1 □ Steel <sup>26</sup>	0 Y 27-30	10-13	14-17	/	
30-33 1 🗆 Fresh 3	Gas 60 Minerals 60 Gas	2 Galvanized 3 Concrete 42 Open hole 5 Plastic	4 51	18-21 26-29	30-33 80		
71 Pumping test method 10	3 GPN				ATION OF V		
Static level Water level end of pumping 19-21 13 feet feet If flowing give rate 38-41	15 minutes 26-28 4 4 5 feet 39 feet	et 33 feet 31 feet	In diagram Indicate no	below show orth by arrow.	distances of	well from road	and lot line.
If flowing give rate 38-41 Recommended guartype Shallow Deep 50-53	Pump intake set at Recommended pump setting fer	<sup>15</sup> Recommended 46-49 pump rate 1/ -			•	0)	
FINAL STATUS OF WEL	L 54 5 Abandoned, insufficient 6 Abandoned, poor quality 7 Abandoned (Other) 8 Dewatering			K	260	morde	
WATER USE Domestic 2 Stock 3 Irrigation 4 Industrial	5-56 5 Commercial 6 Municipal 7 Public supply 8 Cooling & air conditionin	10 🗋 Other	/,	* 475	, r		
METHOD OF CONSTRUE 1 Cable tool 2 Rotary (conventional) 3 Rotary (reverse) 4 Rotary (air)	CTION 57 5 C Air percussion 6 Boring 7 Diamond 8 Jetting	9  Driving 10  Digging 11  Other				2	37915
Narra of Well Contractor	Dillingla	Well Contractor's Licence No.	Date of inspection	8 Contractor	<b>19</b> <sup>5</sup>	9-62 Date received	9 2002 <sup>63-68</sup> <sup>80</sup>
RR HZ	Susper	LWell Technician's Licence No.			*	~~~	
	non three					CSS.	
2 - MINISTRY OF	THE ENVIRONM					050	6 (07/00) Front Form 9

😵 Ontario	D Ministry of the Enviro		A 02		iber below)	Regulation 903	Ontario		ources Act
Instructions for Com			AD	1450	21				l_of Z
<ul> <li>All Sections must  </li> </ul>	be completed in ig completing th ements shall be	full to avoid delays is application can b <b>reported to 1/10</b> <sup>t</sup>	s in processin be directed to	g. Further in	nstructions and	ease retain for future d explanations are ava nent Coordinator at 4 Ministry Use	ilable or 116-23	n the back of	this form.
Well Owner's Inform	ation and Loc Last Nan	ation of Well Info			(Street Numbe	DN		LOT	
County/District/Municipalit	у	Township/City/Tow	wa	Pro O	Nichmon ovince Posta ntario Ka	A OET	<u>13-``</u>	umber (includ	388
Address of Well Location ( CHaux RR#/Street Number/Name				wnship City/Town/Vil	lage	58	57 +59 rtment/E	Genession • Block/Tract et	Reg. Plar 263 c.
GPS Reading NAD 813	Ione Ave	ng 130 Norti	27223	Offau Unit Make/Ma Garmin (			fferentiate rentiated,		aged
Log of Overburden a General Colour Most co	ommon material	Other Ma			Genera	I Description	·····	Depth	Metres
	It concrete			Tup	ical Hon	etering Well		From	. 10
0 -11	sand	gravel		Sin	stallat	ion		0,10	1.27
	indy silt			(5	wells i	as a coust	er)	1.27	1.52
Grey Limes	tone	Shall la	fers					1,52	4.10
							- <b>`~</b>		
					-			,	
Hole Diameter		Cons	struction Reco	ord		Test	of Wel	l Yield	
Depth Metres Dia	imeter Inside		Wall	Depth	Metres	Pumping test method	Draw	Down F	Recovery
	imetres diam	Material	thickness centimetres	From	То		min	ater Level Time Metres min	e Water Level Metres
0 4 10 a			Casing			(metres)	Static Level		
		Steel Fibreglass		A 0	1.25	Pumping rate - (litres/min)		1	
Water Record	50 	Galvanized	40	0.9	1. 06/	Duration of pumping hrs +min	2	2	
Water found atMetres / Kind of V	Vater	Steel Fibreglass				Final water level end	3	3	
Gas Salty	Ainerals	Plastic Concrete				of pumpingmetres	4	4	1
☐ Other: m Fresh □ S	Sulphur	Steel Fibreglass				type. ☐Shallow ☐ Deep			
	linerals	Plastic Concrete     Galvanized				Recommended pump depthmetres	5	5	
	Sulphur		Screen		· · · · · · · · · · · · · · · · · · ·	Recommended pump rate:	10	10	
Gas Salty N	/linerals Outside diam	Steel Fibreglass	1	1 75	1170	(litres/min) If flowing give rate -	15 20	15 20	
After test of well yield, water Clear and sediment free	11 20	Galvanized	#10	1.25	4.70	(litres/min)	<b>25</b> 30	25	
Other, specify	<u>Ínň</u>	No C	Casing or Scr	een	1	ued, give reason.	40	40	
Chlorinated Yes	чо	Open hole					50 60	50 60	
Plugging	and Sealing Rec	ord Annula	arspace 🗌 At	pandonment		Location c	of Well		
Depth set at - Metres From To Materia	al and type (bentonite	slurry, neat cement slurry	(cubic	ne Placed c metres)	In diagram below Indicate north by	w show distances of well fro y arrow.	om road,	lot line, and b	uilding.
0.9 1.25 B	ventorite.	20416	20	h.C.	Du	L		-	
					Fuas	e see site Hached)	-pau	2 1	
						ttached)			
Cable Tool	Method of Rotary (air)	Construction		Digging					
Rotary (conventional)	Air percussion Boring	Jetting		] Other					
		ter Use							
Domestic	] Industrial ] Commercial	Public Sup Not used	· <u>A</u>	Tother MDLC			-		
	Municipal Final St	Cooling & a a atus of Well	air conditioning		Audit No. Z	<b>31645</b> Dat	e Well C	ompleted	08125
	charge well	- 🗌 Unfinished		oned, (Other)	Was the well or package deliver		e Deliver	ed YYYY	MM DD
Test Hole Aba	andoned, insufficient andoned, poor quality	Replaceme	ent well			Ministry Use	e Onlv		
		chnician Informati	Vell Contractor's L	Licence No.	Data Source		ntractor	18	44
GLOFOR WWWW Bysiness Address (street nar	z <u>D</u> ław D ne, number, city etc.)		1844	0 -	Date Received		e of Inspe	ection YYYY	MM DD
	Trenville-Sen-	da-Houge,	Oc JoVI Vell Technician's		<b>OCT</b> Remarks	1 2 2005	II Record	Number	<u> </u>
Downeng, B	AUCE		Tall	ע <u>ו</u>					
Signature of echnidian/Cont	How	<u> </u>	ate Submitted	10120					
0506E (09/03)	Co	ontractor's Copy 🔲 🕴	Ministry's Copy	Vell Ów	ner's Copy 🗌	Cette fe	ormule e	est disponible	en trançais



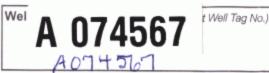
<b>(</b>	Ontai	rio	Ministry of the Environment	Well	<b>07</b>			er and/o	r Print Below,	Cluste	er W	lell Con	ecord for struction Resources Act
Master W First Name	ell Owner	's and L	and Owner's Inform				New Constant	A Participa	E-mail Add	Section 22			
255		hma	nd Koad	40	dine	25		Drout		Postal Code		Tolonbone No	(inc. area code)
Mailing Add	tress (Stree	t Number	Mame, RR)	d	inicipality	insa	ı	Provi	5N	Postal Code			Inc. area code)
			of the Master Well Number/Name, RR)	I in the C	Townsh					Lot	19	Concession	
255	0 1	mm	d Road							Lot			
County/Dis	trict/Munici	pality			City/Tov	wn/Villag	e				Provin Ont		Postal Code
UTM Coord		e Eastin	10/0/00	1.01	GPS Unit	Make	Model	1.0.~	Mode of C		Undiffe	erentiated	Averaged
NAD Overb		544 Bedrock	Materials (see instr	le 91	n the back of	_	nm)	tree	Differen	tiated, specify	Detail	ls	
General Colour	Most Co Mate	mmon	Other Materials	Ge	neral cription		(Metres)	Depth From	n (Metres)			Diameter (Centimetres)	
Bildion	Fill		-			0	2.3	0	4.57	20			
Bimh	Fill		Land grave Boulders +	Cappl	uy es	2.3		4.57	7.5	10			
Gray	Body	lock	limestor			4.5	7.5			C. PARASS			
0,000	eau	werk	dano sto.						1.4				
										Wat	er Use	9	
	1.59%							Public Dome		commercial	Not use Dewate	ering	] Other, specify
								Lives			Monito	g & Air Condition	ning
										Method of			
								Cable	e Tool ry (Conventio	nal) Diamo		Boring	
								Rotar	ry (Reverse) ry (Air)	Jetting Driving		HSA	
	Contraction of the							-		Statu	s of W		
	1.1							PTest Repla	Hole acement Well			nsufficient Supp Poor Water Qua	
	11.22							Dewatering Well     Other, specify     Alteration (Construction) Abandoned, other, specify					
										creen Used		Static Water I	ovel Test
			The second	-	and the second			Open Ho		6	16	Wetres	
Inside Dia	meter		Construction De Material	tails	Wall	Depth	(Metres)				creen		
(Centime			fibreglass, concrete, g	alvanized)	Thickness	From	50		Diameter (C		Slot N	Concrete	L Plastic
5.1		PVC			40	0	30		5.8			10	
								Water fo	ound at Dep	Water D	etails of Wate	er	
								Water fr	Metres ound at Dep		esh		hur Minerals
		Annular	Space/Abandonme	nt Sealing	Record			I Water it					ohur Minerals
Depth Set From	at ( <i>Metres)</i> To		Type of Sealant (Material and Typ	Jsed			e Used Metres)	Water fe	ound at Dep		of Wate esh		ohur Minerals
0	0:3	Bin	tonile		7	40	Kas	Disinfect		No Il no, pro	vide rea		ster Well Completed
4.8	5.0	ker (	10100		5							(yyyy/mm) 2005	nolin
								Cluster	r Informatio	n (Please also	fill out	t the additiona	l Cluster Well land and cluster.)
									/ells in Clust		Plea		nber of Cluster Wei
								11	/ells on this l			l	100 000111000
									inkno	Location	of Well	Cluster	
					1000					be provided as are not allow		chment no larg	er than legal size
								Che	ck box to co	nfirm detailed n	nap is p		Section 11.1 (3)
								the Dire	ector upon r			Date (use	the cluster to
	14	lell Cont	ractor and Well Tec	hnician l	oformation			11 Signatu	of Lechni	cian/Montractor		U Bite (IAA)	winninwald)
	ame of Wel	I Contract	tor		Well Cont	ractor's Lic	cence No.						
George Businese A	e Dow, Address (Stre	ning eet No-Na	Sstate Drill	ng Lti	Aunicipality	84	4						
			de Grenuil Business E-m			je		LAUSS				ODUSED	
			Bo down: Name of Well Technic				000	Audit No	M 02	The second s	mell (	Contractor No.	
	one No. (inc.		-			ame)			NOV 24		Date of	of Inspection (yy	yyımmidd)
Well Techni			Downing patiente of Technician	ISru	Date Sub		yy/mm/dd	Remark	5	008			APRA
1	7	3/	renefte	~	> 1200	28/16	· · · ·					© Queen's P	rinter for Ontario, 200
						1	linistry	/'s Copy					



1991 (11/2006)

#4

Ministry of the Environment



### **Cluster Well Information for Cluster Well Construction**

Regulation 903 Ontario Water Resources Act

		L/*	1017261				Page	of
Property Owner's Information							C	
First Name 255 Richmond Road H Province Postal C	st Name Oldings Code E-m	Nail Address	Aailing Address (Street No 255 Richn	o./Name, RR) Nond Roc	Telephone No	Hawa (inc. area code)	Pr Si	
Cluster Well Information					613			
Address of Well Location (Street Number/Name, R		ot Concess	sion Township		County/E	District/Municipality	Signature of Technician/Contractor	Date (yyyy/mm/dd)
	vince Postal Code Itario	GPS Uni		Unit Mode of Oper		ferentiated DAveraged	- Bune Down	2008/10/29
Well# UTM Coordinates on Sketch Zone Easting Northing	Full Depth of Hole Diamet Hole (metres) (cm)	er Method of Casi Construction	ing Material Casing Length (metres)	Screen Interval (metres) From   To		Static Water Abandonment .evel (metres) Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
# 4 18 44 1 24 502 69 7	7 7:00 20/10	HSA/DIA (	PVC 2.5	2.5 7.0	Bentenito			2008/10/17
Well Contractor and Well Technician In							Date 1st Well in Cluster Constructed Date Last Well	
Business Name of Well Contractor George Dirung Estate Drilling Postal Code Business Telephone	ald 4	ISINESS Address (Street N	cipale Gronni		Rouge	Province	Ministry Use Only	08/10/17
Postal Code Business Telephone JOVIBD SICE Name of Well Technician (First Name, Last Name)	4 2 6 4 6 C	Well Contractor's Licen	4 Business E-mail A	acxolor	Net copy	7	NOV 2 4 2000	ected (yyyy/mm/dd)
Buce Downing		2117	3 2008 10 24		×	our	Audit No	2900

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Normality Branches Manual Andrew Andr	
EGEND M <sup>W3</sup> MONITORING WELL LOCATION AND NUMBER <sup>MW3</sup> BOREHOLE LOCATION AND NUMBER	
Trow Associates Inc. 154 Colonnade Road South, Tel: (613) 225-9940 Ottawa, Ontario K2E 7J5 Fax: (613) 225-7337	46
DATE OCT 2008 GIBSONS LLP	OTEN00019750A
	SCALE 1:500±
255 RICHMOND ROAD, OTTAWA, ON.	J FIG 2

(-1844 mo2900 (01995

NOV 2 4 2008

Pontal Measurements re	Ministry of the Environment corded in:	A 085405	and/or Print Below) A085405	ulation 903 Ontario	Well F Water Res			
Address of Well Lo Weedsm County/District/Mu	nicipality	City/Town/Village	Lot	Province Ontario		Code		
NAD 8 3	Zone Easting Northing 18441299502 Bedrock Materials/Abandonment	Municipal Plan and S 6953 Sealing Record (see instructions or		Other				
General Colour	Most Common Material	Other Materials	General Des	General Description				
1. 1								
	t) Type of Sealant Us		After test of well yield, water wa	as: Draw Dow	the second s	ecovery		
Depth Set at (m/								

001	1-1		1-	1.			If pumping discontinued, give reason:	Static		
0.5'	12'	Ben	buin	re				1		1
121	23'	San	ł				Pump intake set at (m/ft)	2		2
		200					Pumping rate (I/min / GPM)	3		3
	od of Con				Well Use		r amping rate ( <i>immin or m</i> )	4		4
Cable To	ol Conventional)	Diamond		blic mestic	Commerce		Duration of pumping	4		
Rotary (F	a set of a set of a set of the set of the	Driving	States and the second second	estock	Test Hole		hrs + min	5		5
Boring		Digging		gation	Cooling 8	& Air Conditioning	Final water level end of pumping (m/ft)	10		10
Air percu	ssion becify			lustrial her, <i>specify</i> _			If flowing give rate (I/min / GPM)	15		15
	Con	struction Re	cord - Cas			Status of Well		20		20
Inside Diameter		OR Material I, Fibreglass,	Wall Thickness	Depth	n ( <i>m/ft</i> )	Water Supply	Recommended pump depth (m/ft)			
(cm/in)		Plastic, Steel)	(cm/in)	From	То	Replacement Well     Test Hole	Descence de la serie este	25		25
1.25"	Plas	stick	0.25"	01	13'	Recharge Well	Recommended pump rate (I/min / GPM)	30		30
	1					Dewatering Well	Well production (I/min / GPM)	40		40
						Monitoring Hole		50		50
						(Construction)	Disinfected?	60		60
						Abandoned, Insufficient Supply				
Outside	Col	nstruction Re	ecord - Scre	1	1 (6)	Abandoned, Poor	Map of We Please provide a map below following			* 1
Diameter		terial vanized, Steel)	Slot No.	From	n ( <i>m/ft</i> ) To	Water Quality Abandoned, other,	Thease provide a map below following	1130 000		n.
(cm/in)		,				specify			24	
1.5	Plast	ic	10	13'	23'				2	
						Other, specify			Ta	4,6
		Water Det	ails		He	ole Diameter			See	
Water foun	d at Depth	Kind of Water		Untested		n ( <i>m/ft</i> ) Diameter	T		202	Ø
(m	/ft) Gas	Other, spe	cify		From	To (cm/in)	l ní		12	4
Water foun	d at Depth	Kind of Water	: Fresh	Untested	0.	23' 3.25'				
		Other, spe						1	~	
	19 19 19 19 19 19 19 19 19 19 19 19 19 1	Kind of Water		Untested				1	ISr	2/
(m		Other, spe						1		-L
Business N	ame of Well	II Contractor	r and Well	Technicia		ion I Contractor's Licence No.	R	_/		
-1 1	a So		moli	ina	7	241	richmond IL	-9	Sec.	
-		et Number/Nar			Mur	nicipality	Comments:			
2-14	7 we:	st Ba	200	Chee	KR	ichmonalt	44			
Province	Po	stal Code	Business	s E-mail Add	lress					
010	F	4210	- The second sec			atasoil.com	Well owner's Date Package Delivere			y Use Only
Bus.Telepho	ne No. (inc. a	rea code) Nai		A	Last Name, F	-irst Name)	package delivered	DD	Audit No.	06621
Well Technici	an's Licence	Jo. Signature	of Technicia	1	Intractor Date	Submitted	Ves Date Work Completed	( in the second	000	COOLI
34	148	5 mi	k	12	20	DGAMIS	No 2009 1111	15	DEC 2	1 2009
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Tweedsm County/District/Muni	cipality	ichmo c	ownship ind Ref ity/Town/Village OHawc unicipal Plan and Sub	lot Number	Lot	Provin Ont		Posta	I Code
Overburden and B	84413015024	ealing Record			<u>annann</u>	<u>IIIII</u>	<u>annan</u>	De	pth ( <i>m/ft</i> )
General Colour	Most Common Materiai	Oth	er Materials	Gener	al Description			From	To
Man Constant	Annular Space	manam	and the second se	R	esults of We	ell Yiel	d Testing		
Depth Set at (m/ft) From To	Type of Sealant Used (Material and Type)		Volume Placed	After test of well yield, w			aw Down	-	Recovery
	(Page Prot		(m³/ft³)	Clear and sand fro	36	(min)	Water Level (m/ft)	(min)	Water Level (m/tt)
0.5 91	Cement Bentonite Sand			If pumping discontinued	l, give reason:	Static Level		1	
91 201	sand			Duran intella pat at (m	(69)			-	

Tellin I.							Pump intake set at (m/n)	2	2	
Moth	od of Construction			Well Us	0		Pumping rate (I/min / GPM)	3	3	
Cable To		d 🗌 Pul	blic	Commer		sed	Duration of numerica	4	4	
Rotary (C	Conventional)  Jetting Reverse) Driving		mestic estock	Municipa	and the second se		Duration of pumping hrs + min	5	5	
Boring	Digging	🗌 Irrig	gation		& Air Conditioning	oning	Final water level end of pumping (m/ft)	10	10	
Air percu Other, sp			ustrial ier, specify_				If flowing give rate (I/min / GPM)	15	15	
	Construction R	ecord - Cas	ing	(in a second sec	Status of We	ell	(i nowing give rate (wmm / Gr-w)	20	20	
Inside Diameter	Open Hole OR Material (Galvanized, Fibreglass,	Wall Thickness		( <i>m/lt</i> )	Water Supply		Recommended pump depth (m/ft)	25	25	
(cm/in)	Concrete, Plastic, Steel)	(cภา/in)	From	То	Test Hole		Recommended pump rate			
1.25"	Plastic	0.25"	01	10 (	Recharge Wel     Dewatering W	1.1.1.1.1.1.1.1	(Vmin / GPM)	30	30	
					Observation an	dior	Well production (Vmin / GPM)	40	40	
					Monitoring Hole	1999	Disinfected?	50	50	
TR. C.					(Construction)		Yes No	60	60	
NOTION OF	Construction F	lecord - Scre	en	HARDING STATE	Insufficient Su		Map of W		the second se	
Outside Diameter	Material (Plastic, Galvanized, Steel)	Slot No.		( <i>m/ft</i> )	Water Quality		Please provide a map below following	instructi	ions on the back.	
(cm/in)		1.22	From	То	specify					
1-5"	Plastic	10	10'	20'	Other, specify		Lev la			Mars
1							A		x-T	Macs
Martin Com	Water De				ole Diameter	neter	17 12	-	91	MIM
	d at Depth Kind of Wate		_] Untested	From		vin)	N S	2	23m2	
and the second se	d at Depth Kind of Wate		Untested	0'	20' 3.2	5"	3		11 6	
No. of Concession, Name of	(ft) Gas Other, sp d at Depth Kind of Wate		Untooled				'		11	
	(ft) Gas Other, sp		_ Ontested						2	
	Well Contract		Technicia	n Informat	ion			7-1	,	
- (	ame of Well Contractor	emp li		Wei	I Contractor's Licenc	e No.	Richmond F	-01		
Business A	ddress (Street Number/Na	ame)		Mu	nicipality		Comments:			
2-147	west Bea	uet-cr	eet	Prri	chmond.	Hig	P			
Province	Postal Code	Business	E-mail Add	ress	dasilico	199.22	Well owner's Date Package Delivere		Ministry Use	Only
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Tweed	Well Location (Street Nu	to that	Nichmond	Rd OHa	wa	Concession	
County/Dis	strict/Municipality 🔨	rorthot	E			Province Ontario	Postal Code
	finates Zone Easting	308 50	126953 M	unicipal Plan and Suble	ot Number	Other	
Overburd General C	en and Bedrock Materi		ment Sealing Recor	<b>d</b> (see instructions on the r Materials	back of this form) General Description		Depth (m/ft)
		in material					From To
						at .	
1000							
							and the second of
		Annular S	the second se			Il Yield Testing	
Depth Se From	et at ( <i>m/ft</i> ) To	Type of Sealar (Material and		Volume Placed (m³/ft³)	After test of well yield, water was:	Time Water Level (min) (m/ft)	Time Water Level (min) (m/ft)
0'	0.5' Cemi	ent			Other, specify If pumping discontinued, give reason:	Static Level	(min) (mini)
0.5	22' Sanc					1	1
<u></u>	co suno				Pump intake set at (m/ft)	2	2
Met	hod of Construction		Well Use		Pumping rate (Vmin / GPM)	3	3
	Conventional) Detting	Dome	estic 🗌 Municipal	Dewatering	Duration of pumping hrs + min	5	5
Rotary (I Boring	Digging	Livest	tion 🗌 Cooling &	e 🕅 Monitoring   & Air Conditioning	Final water level end of pumping (m/ft)		10
Other, s		_ Indust			If flowing give rate (I/min / GPM)	15	15
Inside	Construction R Open Hole OR Material	ecord - Casin Wall	Depth (m/ft)	Status of Well Water Supply	Recommended pump depth (m/ft)	20	20
Diameter (cm/in)	(Galvanized, Fibreglass, Concrete, Plastic, Steel)	Thickness (cm/in)	From To	Replacement Well     Test Hole	Recommended pump rate	25	25
1.25"	Plastic	Sto 25 "	0' 712'	Recharge Well     Dewatering Well	(Vmin / GPM)	30	30
				Observation and/or Monitoring Hole Alteration	Well production (Vmin / GPM)	50	50
				(Construction)	Disinfected?	60	60
Queida	Construction R	ecord - Screen	and the second state and the second state states	Insufficient Supply	Map of W Please provide a map below following	ell Location	ack
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth ( <i>m/ft</i> ) From To	Water Quality Abandoned, other, specify		9	aun.
1.5"	Plastic	10 1	12' 22'	Other, specify	Λ		
					4	rweeds mai	Macis
	Water De nd at Depth Kind of Wate	r: 🗌 Fresh 📋	the state of the s	n (m/it) Diameter To (cm/in)	N	0	Mac's Milk
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	n/ft) 🗌 Gas 🗌 Other, spe	ecify		00			
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ON Bus.Teleph	One No. (inc. area code) Na	The second secon		irst Name)	Well owner's Date Package Deliverent	Audit No.	try Use Only
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Well Tag No. (Place Sticker and/or Print Below)

Ontario

Ministry of the Environment

Well Record

Ontario is now in Step 2 of the **Roadmap to Reopen (/page/reopening-ontario)**. Follow the **restrictions and public health measures (https://covid-19.ontario.ca/public-health-measures)**.



# Map: Well records

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

Full dataset is available in the <u>Open Data catalogue</u> (<u>https://data.ontario.ca/dataset/well-records</u>).

<u>Go Back to Map ()</u>

# 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**

Address of Well Location	255 RICHMOND ROAD
Township	OTTAWA CITY
Lot	
Concession	

County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18
	Easting: 441261.00
	Northing: 5026970.00
Municipal Plan and Sublot Number	
Other	

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

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BLCK		GRVL	DNSE	0 ft	.31 ft
BRWN	SAND	STNS		.31 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

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

50	50
60	60

### Water Details

Water Found at Depth	Kind

### **Hole Diameter**

Depth From	Depth To	Diameter
0 ft	4.57 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: June 04, 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)

about Ontario (https://www.ontario.ca/page/about-ontario)
accessibility (https://www.ontario.ca/page/accessibility)
news (http://news.ontario.ca/newsroom/en)
privacy (https://www.ontario.ca/page/privacy-statement)
terms of use (https://www.ontario.ca/page/terms-use)
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	ents recorded in: 🗌 M	etric 🗌 Imper		<u> </u>		<u> </u>	2048	<u> </u>		of
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Depth Se		Type of Sealant		Volume Placed	After test of well yield			w Down Water Level		Acovery
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					Pumping rate (I/min	(GPM)	3		3	
	nod of Construction		Well U	Construction of the second	,	,,	4		4	
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Rotary (F			k ⊡∕Test ⊦	lole Monitoring	hrs +	min	5		5	
Boring	Digging	. 🗌 Irrigation	—	g & Air Conditioning	Final water level end	of pumping (m/fi	10		10	
Other, sp		_   Other, s			If flowing give rate (	Ilmin / GDM	15		15	
Wijitaan wa	Construction R	ecord - Casing		Status of Well		<i></i>	20		20	
Inside	Open Hole OR Material	Wall	Depth (m/ft)	Water Supply	Recommended pur	np depth (m/ft)	20		20	
Diameter (cm/in)	(Galvanized, Fibreglass, Concrete, Plastic, Steel)	Thickness (cm/in) F	From To	Replacement Well     Test Hole			25		25	
7.03	PUC	.768	5 \$.5		Recommended pur (I/min / GPM)	np rate	30		30	
116	100		× 7.3	annual contraction of the second s			40		40	
				Observation and/or Monitoring Hole	Well production (I/m	nin / GPM)				
				Alteration	Disinfected?		50		50	
				<ul> <li>(Construction)</li> <li>Abandoned,</li> </ul>	Yes No		60		60	
	Construction R	ecord - Screen		Insufficient Supply	- Stangen and Tradition	Map of V	/ell Loc	ation	i Mariana	
Outside	Material		Depth (m/ft)	Abandoned, Poor Water Quality	Please provide a ma				ack.	/A
Diameter (cm/in)	(Plastic, Galvanized, Steel)	Slot No.	From To	Abandoned, other,						4
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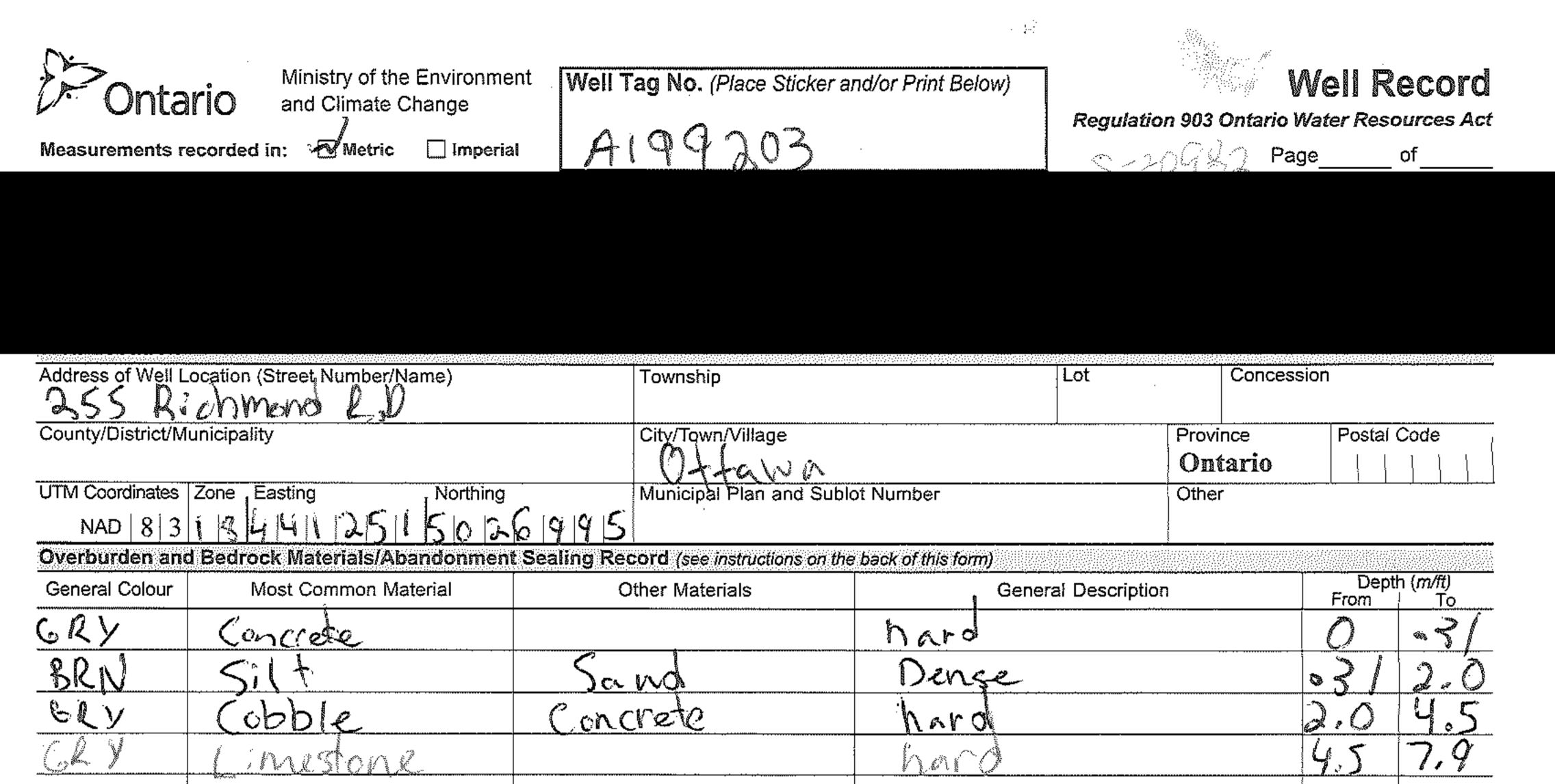
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J       CG:		То		d	Volume Placed (m <sup>3</sup> /ft <sup>3</sup> )	Clear and sand free	1	Time   Water L	evel Time	Water Level
A. 7       D. 0.6       A. The Year Mark         G. 7       D. 0.6       A. The Year Mark         Backer Volume       Diamond       Point       Diamond         Backer Volume       Diamond       Diamond       Diamond       Diamond         Backer Volume       Diamond       Diamond       Diamond       Diamond       Diamond         Backer Volume       Diamond       Diamond       Diamond       Diamond       Diamond       Diamond         Backer Volume       Diamond	0	.3/ CG.N	ciente/ju	. M. Moura			ive reason:	Static		(1010)
Method of Construction       Public       Convertedia       Not used         Construction       Public       Convertedia       Not used         Rectary (Reversional)       Letting       Domestic       Municipal         Rectary (Reversional)       Letting       Conversional       4       4         Rectary (Reversional)       Letting       Construction Record - Casing       S       5         Minimized       Construction Record - Casing       Status of Wall       10       10         Construction Record - Casing       Depth (n/t)       Parabar of Wall       220       20         Construction Record - Casing       Depth (n/t)       Parabar of Wall       220       20         Recommended pump depth (n/t)       Parabar of Wall       30       30         Construction Record - Screen       Parabar of Wall       Parabar of Wall       20       20         Construction Record - Screen       Parabar of Wall       Construction Record - Screen       Parabar of Wall       20       20         Water found at Depth (In/t)       Parabar of Wall       Parabar of Wall       20       20       20         Water found at Depth (In/t)       Parabar of Wall       Parabar of Wall       20       20       20         Water found at De		···· / / / / / / / / / / / / / / / / /							1	
Weil Use         Output for Construction         Weil Use           Code for Construction	6.1	10.06 harta	is Som &			Pump intake set at (m/ft)		2	2	
Burner       Durner						Pumping rate (I/min / GPA	1)	3	3	
In Noting (Conventional)       Jetting       Domestic       Jeturation         Being       Degring       Degring       Degring       Individue         Construction       Record       Construction       Record       Construction         Individue       Open Heiz OR Natural       Train       Depth (mR)       10         Dameler       Construction       Record       Construction       Record       Construction         Individue       Open Heiz OR Natural       Train       Depth (mR)       Depth (mR)       20       20         Individue       Open Heiz OR Natural       Train       Depth (mR)       Depth (mR)       30       30         Individue       Open Heiz OR Natural       Train       Depth (mR)       Depth (mR)       Becknape Weil       Depth (mR)       30       30         Individue       Individue       Construction       Record - Screen       Depth (mR)       Depth (mR)       Depth (mR)       Depth (mR)       Depth (mR)       Becknape Weil       Depth (mR)       Depth (mR)       Becknape Media       Biol Open Heiz Open Media </td <td></td> <td>·····</td> <td>d 🗌 Public</td> <td></td> <td></td> <td>Duration of averaging</td> <td></td> <td>4</td> <td>4</td> <td></td>		·····	d 🗌 Public			Duration of averaging		4	4	
Borng       Digging       Intraction       Construction Record - Cassing       Air Conditioning         Maske       Other, specify       If Air procession       If Air procession       If Air procession         Maske       Opher, specify       If Air procession       If Air procession       If Air procession         Maske       Dember, Specify       If Air procession       If Air procession       If Air procession         Maske       Dember, Specify       Recommended pump depth (m/t)       If Air procession       If Air procession         If Air procession       If Air procession       From       To       Recommended pump rate       If Air procession         If Air procession       If Air procession       If Air procession       If Air procession       If Air procession       If Air procession         If Air procession       If Air procession       If Air procession       If Air procession       If Air Procession         If Air procession       If Air Procession       If Air Procession       If Air Procession       If Air Procession         If Air Procession       If Air Procession       If Air Procession       If Air Procession       If Air Procession         If Air Procession       If Air Procession       If Air Procession       If Air Procession       If Air Procesion       If Air Procesion		,  •						5	5	
□ Other, specify       □ Other, specify       15         Inside Damber (Caluanzes, Fibregiase)       Water (Caluanzes, Fibregiase)       Water Supply (Caluanzes, Fibregiase)       Thickness (Caluanzes, Fibregiase)       Water Supply (Caluanzes, Fibregiase)       Thickness (Caluanzes, Fibregiase)       Water Supply (Caluanzes, Fibregiase)       Recharge Weil (Caluanzes, Fibregiase)       Recharge Weil (Caluanzes	Boring	Digging		Cooling	& Air Conditioning	Final water level end of pu	mping (m/ft)	10	10	
Instate       Open Hole OR Material       Wall       Depth (m/t)       Water Supply         Dameler       (Genvind, Elmoster)       From       To       Plote Hole       Plote Hole       25       25         (Grind)       Concrete, Plact, Steel)       To       Plote Hole       Recommended pump rate       30       30         (Grind)       Genvind, Elmosta       Step Hole       Recommended pump rate       30       30         (Grind)       Genvind, Elmosta       Step Hole       Recommended pump rate       40       40         (Grind)       Genvind, Elmosta       Step Hole       Recommended pump rate       30       30         (Grind)       Genvinted, Elmosta       Step Hole       Recommended pump rate       40       40         (Grind)       Genvinted, Elmosta       Step Hole       Recommended pump rate       30       30         (Grind)       Depth (m/t)       Recommended pump rate       30       30       30         (Grind)       Material       Step Hole       Recommended pump rate       40       40         (Grind)       Material       Step Hole       Recommended pump rate       40       40         (Grind)       Material       Step Hole       Recommended pump rate <td< td=""><td></td><td>ecify</td><td> Other, spec</td><td></td><td></td><td>If flowing give rate (I/min /</td><td>GPM)</td><td>15</td><td>15</td><td></td></td<>		ecify	Other, spec			If flowing give rate (I/min /	GPM)	15	15	
cmmin       Concrete, Plasto, Steel)       (mmin)       From       To       Test Hole       Recharge Well	Inside		_			Recommended pump de	pth ( <i>m/ft</i> )	20	20	
4.0       7.0       Beckarge Well       30       30         4.0       30       30       40       40         4.0       Construction Record - Screen       Construction Record - Screen       40       40         0.0       Departing Well       Observations and/or Monitoring Hole       Abandoned, North Post       60       60         0.0       Departing Well       Observations and/or Monitoring Hole       Departing Well       Departing Well       60       60         0.0       Departing Well       Construction Record - Screen       Depth (m/R)       Depth Record - Screen       Depth (m/R)       Depth Record - Screen       Depth (m/R)       Depth Record - Screen         0.0       Mater Guality       Prese provide a map below following instructions on the back.       Perse provide a map below following instructions on the back.         0       Mater Guality       Depth (m/R)       Diameter       Perse provide a map below following instructions on the back.         0       Mater Screech       Other, specify       Other, specify       The Screech         0       Mater Screech       Screech       Screech       The Screech         0       Mater Screech       Screech       Screech       Screech         0       Mater Screech       Screech       Scr				To				25	25	
Image: State Postal Code       Image: State Postal Postal Code       Image: State Postal PostaPostaPostaPostal Postal Postal Postal Postal PostaPo	4.03	PUC	.368 0	7.01	1 <u> </u>		e  -	30	30	·····
Image: State of the specify       Image: State of the specify       State of the specify       State of the specify         Image: State of the specify       Image: State of the specify       Image: State of the specify       State of the specify         Image: State of the specify       Image: State of the specify       Image: State of the specify       Image: State of the specify         Image: State of the specify       Image: State of the specify       Image: State of the specify       Image: State of the specify         Image: State of the specify       Image: State of the specify       Image: State of the specify       Image: State of the specify         Image: State of the specify       Image: State of the specify       Image: State of the specify       Image: State of the specify         Image: State of the specify       Image: State of the specify       Image: State of the specify       Image: State of the specify         Image: State of the specify       Image: State of the specify       Image: State of the specify       Image: State of the specify         Image: State of the specify       Image: State of the specify       Image: State of the specify       Image: State of the specify         Image: State of the specify       Image: State of the specify       Image: State of the specify       Image: State of the specify         Image: State of the specify       Image: State of the specify       Image: State of the specify       <					Observation and/or	Well production (I/min / G	PM)			
Outside (minif)       Material (Plastic, Galvanized, Steel)       Stot No.       Depth (m/ti) From       Depth (m/ti) (m/ti)       Map of Well Location         Vater Quality (m/ti)       Mater Quality       Abandoned, thor, specify       Depth (m/ti)       Plastic, Galvanized, Steel)       Stot No.       From       To         Vater Quality       Abandoned, thor, specify       Abandoned, thor, specify       Depth (m/ti)       Depth (m/ti)       Depth (m/ti)       Plastic Galvanized, Steel)       No       Form       To         Water found at Depth Kind of Water:       Fresh       Untested       Depth (m/ti)       Diameter From       To       Contractor         Water found at Depth Kind of Water:       Fresh       Untested       Value       7, 6,7       7, 6,7         Water found at Depth Kind of Water:       Fresh       Untested       7, 6,7       7, 6,7       7, 6,7         Water found at Depth Kind of Water:       Fresh       Untested       7, 6,7       7, 6,7       7, 6,7         Water found at Depth Kind of Water:       Fresh       Untested       7, 6,7       7, 6,7       7, 6,7         Business Name of Well Contractor       Well Contractor       Well Contractor and Well Technician Information       8,7       8,7       8,7       8,7       8,7       9,7       6,6       9,7					Alteration	Disinfected?				
Outside Diameter (cm/in)       Material (Plastic, Galvanized, Steel)       Stot No.       Depth (m/it) From       Water Quality Abandoned, other, specify         Vater Duality (m/it)       Abandoned, other, specify       Depth (m/it)       Abandoned, other, specify         Water found at Depth (m/it)       Gas       Other, specify       Diameter From       To (cm/in)         Water found at Depth (m/it)       Gas       Other, specify       Diameter From       Diameter From         Water found at Depth (m/it)       Gas       Other, specify       Diameter From       Diameter From       To (cm/in)         Water found at Depth (m/it)       Gas       Other, specify       Diameter From       To (cm/in)       The diameter From       To (cm/in)         Water found at Depth Kind of Water:       Fresh       Untested       J       J       J         Water found at Depth Kind of Water:       Fresh       Untested       J       J       J         Business Name of Well Contractor       Well Contractor       Well Contractor S Licence No.       Sinter Municipality       Comments:         Province       Postal Code       Business E-mail Address       J       Municipality       Well owner's       Date Package Delivered       Ministry Use Only         Multi Hongan Sinchure of Technjdan and/or Contractor Date Submitted					Abandoned,					
Danker       (Plastic, Galvarized, Steel)       Soft NO       From       To       Abandoned, other, specify         4.63       PUC       10       7.01       10.06       other, specify       other, specify         Water found at Depth       Kind of Water:       Fresh       Untested       Depth (m/tl)       Diameter         (m/tl)       Gas       Other, specify       0       7.01       7.02       7.01         Water found at Depth       Kind of Water:       Fresh       Untested       0       7.11       7.03         (m/tl)       Gas       Other, specify       3.110.45       7.62       7.62       7.62         Water found at Depth       Kind of Water:       Fresh       Untested       3.110.45       7.62         (m/tl)       Gas       Other, specify       3.110.45       7.62       7.62         Water found at Depth       Kind of Water:       Fresh       Untested       7.62         (m/tl)       Gas       Other, specify       3.110.45       7.62         Water found at Depth       Kind of Water:       Fresh       Untested       7.62         Water found at Depth       Kind of Water:       Fresh       Municipality       7.62         Business Name of Well Con			D	epth ( <i>m/ft</i> )						Å
Water Details       Hole Diameter         Water found at Depth       Water Details       Hole Diameter         (m/R)       Gas       Other, specify       Depth (m/R)         Water found at Depth       Kind of Water:       Fresh       Untested         (m/R)       Gas       Other, specify       O       I. (I. U)         Water found at Depth       Kind of Water:       Fresh       Untested       O       I. (I. U)         (m/R)       Gas       Other, specify       O       I. (I. U)       Gas       Tm       Sm         Water found at Depth       Kind of Water:       Fresh       Untested       O       I. (I. U)       Gas       Tm       Sm         Water found at Depth       Kind of Water:       Fresh       Untested       O       Tm       Sm         Water found at Depth       Kind of Water:       Fresh       Untested       Tm       Sm         Water found at Depth       Kind of Water:       Fresh       Untested       Tm       Sm         Well Contractor       Well Contractor       Well Contractor       Well Contractor       Ministry Use Only         Business Address       Main       Main       Main       Main       Main       Main       Main		(Plastic, Galvanized, Steel)	Fron		specify	I	494 m ( 1979 ) 1979 ( 1 m m 1974 ) 1970 ( 1979 ) 1970 ( 1979 )	You looked Heroney and the solution of the space	7	, T
Water found at Depth       Kind of Water:       Fresh       Untested       Depth (m/tl)       Diameter         (m/tl)       Gas       Other, specify       To       (cm/in)         Water found at Depth       Kind of Water:       Fresh       Untested       21       1/.43         (m/tl)       Gas       Other, specify       3.       10.45       7.62         Water found at Depth       Kind of Water:       Fresh       Untested       7.62         (m/tl)       Gas       Other, specify       3.       10.45       7.62         Water found at Depth       Kind of Water:       Fresh       Untested       7.62         (m/tl)       Gas       Other, specify       3.       10.45       7.62         Well Contractor       Well Contractor       Well Contractor       7.62       7.62         Struct       Mag       Mag       Municipality       7.62       7.62         Business Name of Well Contractor       Well Contractor S Licence No.       Municipality       Comments:         Struct       Struct       Mag       Mag       Mag       Mag         Province       Postal Code       Business E-mail Address       Mag       Mag       Mag       Mag <t< td=""><td>4.82</td><td>PUC</td><td>10 7,</td><td>01 10.06</td><td></td><td></td><td></td><td></td><td></td><td>N</td></t<>	4.82	PUC	10 7,	01 10.06						N
Water found at Depth       Kind of Water:       Fresh       Untested       Depth (m/tl)       Diameter         (m/tl)       Gas       Other, specify       To       (cm/in)         Water found at Depth       Kind of Water:       Fresh       Untested       21       1/.43         (m/tl)       Gas       Other, specify       3.       10.45       7.62         Water found at Depth       Kind of Water:       Fresh       Untested       7.62         (m/tl)       Gas       Other, specify       3.       10.45       7.62         Water found at Depth       Kind of Water:       Fresh       Untested       7.62         (m/tl)       Gas       Other, specify       3.       10.45       7.62         Well Contractor       Well Contractor       Well Contractor       7.62       7.62         Struct       Mag       Mag       Municipality       7.62       7.62         Business Name of Well Contractor       Well Contractor S Licence No.       Municipality       Comments:         Struct       Struct       Mag       Mag       Mag       Mag         Province       Postal Code       Business E-mail Address       Mag       Mag       Mag       Mag <t< td=""><td><u></u></td><td></td><td></td><td></td><td></td><td></td><td>7</td><td>7551</td><td></td><td></td></t<>	<u></u>						7	7551		
(m/ft)       Gas       Other, specify         Water found at Depth       Kind of Water:       Fresh       Untested         (m/ft)       Gas       Other, specify       3.       10.45       7.62         Water found at Depth       Kind of Water:       Fresh       Untested       3.       10.45       7.62         Water found at Depth       Kind of Water:       Fresh       Untested       3.       10.45       7.62         Water found at Depth       Kind of Water:       Fresh       Untested       3.       10.45       7.62         Water found at Depth       Kind of Water:       Fresh       Untested       3.       10.45       7.62         Water found at Depth       Kind of Water:       Fresh       Untested       3.       10.45       7.62         Well Contractor and Well Technician Information       Well Contractor's Licence No.       Municipality       Right Mark (Mark	Water found	the second s		ted Dep	th (m/ft) Diameter		vanish ( ) A M			
(m/ft)       Gas       Other, specify       3.       10.45       7.62         Water found at Depth       Kind of Water:       Fresh       Untested       7.62         (m/ft)       Gas       Other, specify       7.62       7.62         Well Contractor and Well Technician Information       Ridmand       Ridmand       11.11         Business Name of Well Contractor       Well Contractor's Licence No.       Ridmand       11.11         State       Mark das       Municipality       Comments:       Comments:         Province       Postal Code       Business E-mail Address       Mark dam       Vir Ministry Use Only         Multi condition's Licence No.       Signature of Technician and/or Contractor Date Submitted       Vir Ministry Use Only         Well Technician's Licence No.       Signature of Technician and/or Contractor Date Submitted       Date Work Completed         Well Technician's Licence No.       Signature of Technician and/or Contractor Date Submitted       Date Work Completed         Bable N 7 4 0 2 4       Received       Received       DEC U 5 2017					To $(cm/in)$			And the second sec		
Water found at Depth       Kind of Water:       Fresh       Untested       Image: Contractor and Well Technician Information         Well Contractor and Well Technician Information       Business Name of Well Contractor       Well Contractor's Licence No.         Business Address (Street Number/Name)       Municipality       Comments:         Province       Postal Code       Business E-mail Address         Image: Street Number/Name)       Municipality       Municipality         Bus. Telephone No. (inc. area code)       Name of Well Technician (Last Name, First Name)       Mult S         Mell Technician's Licence No.       Signature of Technician and/or Contractor       Date Submitted         Bus Telephone No. Signature of Technician and/or Contractor       Date Submitted       Date Work Completed         Mell Technician's Licence No.       Signature of Technician and/or Contractor       Date Submitted       Date Work Completed         Bus Telephone No.       Signature of Technician and/or Contractor       Date Submitted       Date Work Completed       DEC U 5 2017         Received       Received       No       Mult be       Received       Received					10 02 7 67		la contraction of the second s		or the ac	
Well Contractor and Well Centractor and Well Centractor's Licence No.         Business Name of Well Contractor       Well Contractor's Licence No.         Struct       Municipality         Business Address (Street Number/Name)       Municipality         Province       Postal Code         Business E-mail Address       Municipality         Bus. Telephone No. (inc. area code)       Name of Well Technician (Last Name, First Name)         Bus. Telephone No. (inc. area code)       Name of Well Technician and/or Contractor         Well Technician's Licence No.       Signature of Technician and/or Contractor         Bus Telephone No.       Signature of Technician and/or Contractor		•		ited	Car Ser Car Carpe	2000/1000/00/00/00/00/00/00/00/00/00/00/0	1	1247 13	fawy www.www.	~
Struke       Municipality         Business Address (Street Number/Name)       Municipality         Business Address (Street Number/Name)       Municipality         Province       Postal Code         Business E-mail Address       Municipality         Municipality       Municipality         Municipality       Municipality         Province       Postal Code         Business E-mail Address       Municipality         Municipality       Municipality         Well owner's       Date Package Delivered         Information       Package         Bus.Telephone No. (inc. area code)       Name of Well Technician (Last Name, First Name)         Mell Technician's Licence No.       Signature of Technician and/or Contractor       Date Submitted         Mell Technician's Licence No.       Signature of Technician and/or Contractor       Date Submitted         No       No       DEC       V 5         DEC       V 5       2017         Received       No       Received		Well Contract		— I cian Informa	tion	] Kil	Imend			
Business Address (Street Number/Name)       Municipality         Business Address (Street Number/Name)       Municipality         Province       Postal Code       Business E-mail Address         M       Free Contractor       Business E-mail Address         M       Free Contractor       Contractor         Bus. Telephone No. (inc. area code)       Name of Well Technician (Last Name, First Name)         Province       Municipality         Multicipality       Municipality         Well owner's       Date Package Delivered         Importantion       Municipality         Province       Multicipality         Multicipality       Multicipality         Well owner's       Date Package Delivered         Important       Multicipality         Multicipality       Multicipality         Business E-mail Address       Multicipality         Multicipality       Multicipality	Business Na	$\ell \in X \in \mathcal{N}$	Geos)	We	ell Contractor's Licence No.					
Province Postal Code Business E-mail Address Business	Business Ac	dress (Street Number/N	ame) 🧹 /			Comments:				
Bus.Telephone No. (inc. area code)       Name of Well Technician (Last Name, First Name)       Information         Participanti and and andinterpetetetetetetetetetetetetetetetetetet	イログ Province			Address 3	MASIC MAMA	-				
Bis. Telephone No.     Inc. Inc. area cond.     Inc. area co		4 BRBU	A wrs cord	25/ Cata	50 , 1. 60 A	- information	age Delivered			ATTA
Well Technician's Licence No. Signature of Technician and/or Contractor Date Submitted 3 6 5 6 DEC U 5 2017 3 0 1 7 1 10 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1901	4101111	KCC (m )	AURES		delivered Date Work	سمية محمد المحادث المحادث		<i>≝ L</i> ∪	
		an's Licence No. Signatur	e of Technician and/o			Yes	17101A			2017
	0506E (2014/1	11)	/ /					© Qu	een's Printer fo	or Ontario, 2014

Ministry of the Environment and Climate Change	Well Tag No. (Place Sticker and			ell Record
Measurements recorded in: 🛛 Metric 🔲 Imperial	1,87639 Tag	g#:A182639	20442 Page_	of
Well Owner's Information			e <u>18-</u> 19. Sen <u>ar Grandena</u> ra	
First Name / Organizati		E-mail Address		Well Constructed by Well Owner
Mailing Address (Street Number/Name)	Municipality	Province Postal Code	Telephone N	lo. (inc. area code)
255 Kickmond Road	O Be-	BN		
Well Location Address of Well Location (Street Number/Name)	Township	Lot	Concession	<u></u>
235 Richman Kuld	Township			
County/District/Municipality	City/Town/Village		Province Ontario	Postal Code
UTM Coordinates Zone , Easting , Northing	Municipal Plan and Suble	ot Number	Other	
NAD 8 3 1 84912505026	6 9 7 7 7			
Overburden and Bedrock Materials/Abandonment S		back of this form) General Description		Depth ( <i>m/ft</i> )
General Colour Most Common Material	Other Materials	÷	******	From To
VER asphall g	r ave	den SZ.		31 7.17
	Save	Jaf	&	2, 13 10, 56
GRY limistone s	in a R	1042550	A	
	,			
		·····		
Annular Space           Depth Set at (m/ft)         Type of Sealant Used	Volume Placed	After test of well yield, water was:	BII Yield Testing	Recovery
From To (Material and Type)	(m³/ft³)	Clear and sand free Other, specify	Time Water Leve (min) (m/ft)	Time Water Level
U.S. Concrite/ Mishi	mesn	If pumping discontinued, give reason:	Static	
. SI 1.01 Bentonle	•		Level 1	1
7.01 10.36 byter send		Pump intake set at (m/ft)	2	
				2
Method of Construction	Well Use	Pumping rate (I/min / GPM)	3	3
Cable Tool Diamond Public	Commercial Not used	Duration of pumping	4	4
Rotary (Conventional)     Jetting     Domestic     Rotary (Reverse)     Driving     Livestock	Municipal Dewatering	hrs +min	5	5
Boring     Digging     Irrigation       Air percussion     Industrial	Cooling & Air Conditioning	Final water level end of pumping (m/ft)	10	10
Other, specify Other, specify	y	If flowing give rate (I/min / GPM)	15	15
Construction Record - Casing			20	20
Diameter (Galvanized, Fibreglass, Thickness	pth ( <i>m/ft</i> ) Ukter Supply	Recommended pump depth (m/ft)	25	25
	Test Hole 7 7 / □ Recharge Well	Recommended pump rate	30	30
4.03 PUC .369 0	Dewatering Well	(I/min / GPM)	40	40
	Observation and/or Monitoring Hole	Well production (I/min / GPM)		
	Alteration (Construction)	Disinfected?	50	50
	Abandoned, insufficient Supply	Yes No	60	60
Construction Record - Screen	Abandoned, Poor	Map of W Please provide a map below following	ell Location	<u>hack</u>
Outside Material Diameter (Plastic, Galvanized, Steel) Slot No. From	pth ( <i>m/ft</i> ) Water Quality To Abandoned, other,			
4.32 PUC 10 73	1 10.36		and a second state of the	N.
	Other, specify	(John)		
		T /	200	
Water Details	Hole Diameter ed Depth ( <i>m/ft</i> ) Diameter	15° any homen	and the second	
(m/ft) Gas Other, specify	From To (cm/in)			
Water found at Depth Kind of Water: Fresh Unteste		2 Production and a figure of the second s		
( <i>m/ft</i> ) Gas Other, <i>specify</i> Water found at Depth Kind of Water: Fresh Unteste	= 3, / 10.367.62	and the second		and the second
( <i>m/ft</i> ) Gas Other, <i>specify</i>	_	Richmond	Koad	
Well Contractor and Well Technic	the second s			
Business Name of Well Contractor Spranta Hilling Group	Well Contractor's Licence No.			
Business Address (Street Number/Name)	Municipality	Comments:		
165 Shields Court	Morkehdy			
Province Postal Code Business E-mail A	address . SOSTratesol.com	Well owner's Date Package Deliver	ed Minis	try Use Only
Bus. Telephone No. (inc. area code) Name of Well Techniciar	n (Last Name, First Name)	information	Audit No.	
191051914019119 14 Con,	JAMES	delivered		
Well Technician's Licence No. Signature of Technician and/or	Contractor Date Submitted	Yes 2014 7010	DEC	0 5 2017
0506E (2014/11)	Ministry's Cop		فمستستعينا الشكيب	s Printer for Ontario, 2014
	and a second	w <sup>2</sup>		

) D On	itario		/ of the Er mate Cha			<b>ig No.</b> (Place Sticker a	nd/or Print Below)	Regulation	n 903 O	-		lecord
Measuremen	its recorde	edin: 🗌 🛙	Vietric [	] Imperia	a Kre	267 <b>Та</b>	g#:A182	<u>631</u>	5-200	∯_Pag	ie	of
Well Owne	er's Infor	mation										
First Name		Ľ	ast Name	66 ~		and Holdin	E-mail Addres	5			L	Constructed
Mailing Addre	ess (Street	Number/Nai	me)	<u> </u>		Municipality	Province	Postal Code	•  1	elephon	e No. (inc.	area code)
455		Kmind	K62	2 cl	and the second	2 mar 1 1						
Well Locati Address of W	ell Locatio					Township		Lot	<u>1999/90</u> /90	Concess	ion	<u>Anny Competentia</u>
255	Rich	uicad	R.J.	ich		City/Town/Village			Provin		Postal	Code
County/Distri	comunicipa	anty			1	OHAN A			Onta			
UTM Coordina	1 6	Easting	743		16460	Municipal Plan and Sub	ot Number		Other			
NAD 8		rock Materi	ials/Aban	donmen	t Sealing Rec	ord (see instructions on th	e back of this form)					
General Cold	our	Most Comr	non Mater	ial	Øt	her Materials	Ge	neral Description	ר 		Erom	th ( <i>m/ft</i> )
BLK	6.50	Malt			grave	1 	drage				Contrad	. >/
BRN	<u>s ón</u>				Gewe		\$ 17				<u>/ )  </u>	1 55
<u>6Ry</u>		1			c/ wy		den se		·····		5, 25	1.00
<u> </u>					, , , , , , , , , , , , , , , , , , ,							
					1							
	 		Annu	lar Space	é			Results of W	ell Yiel	d Testir	ıg	
Depth Set	at ( <i>m/ft)</i> To		Type of S	Sealant Us and Type	sed	Volume Placed (m³/ft³)	After test of well yie			aw Down Water Le	******	есоvегу Water Level
0	. 31	CONCO	j;	713	6 mount		Other, specify		(min) Static	(m/ft)	1 1	(m/ft)
314	1.27	620	Prince 4	1 1 1 1 0			If pumping disconti	nued, give reason:	Level			
427	7.62	Citt	( S2	.d					1		1	
<u>- [+ 2~ ]</u>	<u>. 6 × 0 gr</u>		) and the				Pump intake set a	t ( <i>m/tt)</i>	2	<b></b>	2	
Metho	d of Con	struction			Well U	Se	Pumping rate (i/mi	n / GPM)	- 3		3	
Cable Tool		Diamono		Public	Comm	ercial 🗌 Not used	Duration of pumpi	na	4		4	
Rotary (Co		U Jetting		Domestic Livestock	☐ Munici ☑ Test H	· · ·	hrs +	min	5		5	
Air percuss	sion	🗌 Digging	5	Irrigation Industrial	Cooling	g & Air Conditioning	Final water level en	d of pumping (m/ft,	10		10	
Other, spec	cify			Other, spe	ecify		If flowing give rate	(I/min / GPM)	15		15	
Inside		struction R OR Material	lecord - C Wall		Depth (m/ft)	Status of Well	Recommended pu	imp depth <i>(m/ft)</i>	20		20	
Diameter (cm/in)	(Galvanized	, Fibreglass, lastic, Steel)	Thicknes (cm/in)		om To	Replacement Well			25		25	
7.03	PUC		.36	9 (	5 45	Recharge Well	Recommended pu (I/min / GPM)	imp rate	30		30	
						Dewatering Well     Observation and/or	Well production (//	min / GPM)	40		40	
						Monitoring Hole			50		50	
						(Construction)	Disinfected?		60		60	
7000000000	Coi	nstruction R	lecord - S	creen		Insufficient Supply		Map of W				
Outside Diameter		erial anized, Steel)	Slot No	- Fro	Depth ( <i>m/ft)</i>	Water Quality	Please provide a m	ap below following	; instructi	ons on th	e back.	- Alian - Alia
(cm/in) 4.92	PUL		10	45	77.6	specify	and the second of the second		www.mit/colored.com	CONSTRACTOR AND A DESCRIPTION OF	1	0
						Other, specify		24+10-magnetic-100/00/00/00/00/00/00/00/00/00/00/00/00/	···			
		Water De	faile			Hole Diameter			10	55	and for some state of the	
Water found	at Depth			h 🗌 Unte	ested De	oth (m/ft) Diameter			~	A. 5.	Prof & Pro IIIInadog (Fearm	
(m/fi Water found		Other, spe		h  linte	From	To (cm/in)	1 2m		-//	*******	<b>b</b>	
(m/fi	t) 🗌 Gas	Other, spe	ecify				1_10.					
Water found	1			h 🗌 Unte	ested			¢.	74-AR+ANDBARAANDAN		12070011-005004-047-05-07700-0	1999 (Januar
( <i>I</i> D/II		Other, spe		ell Techi	nician Informa	ation		buren &	2 hrs	oac	The second se	
Business Nan	ne of Well (	Contractor	P	A.		/ell Contractor's Licence No.		6) M. C. A>	e			
			<u>ر) دا</u> م (ame	<u> </u>	M	unicipality,	Comments:					
165	Stic	<u>(6) (</u>	.c. m	:	/	Milkhan						
Province	Po	stal Code }}√?∫∫∫		ess E-ma e <i>¢∂(</i> %	il Address	terre and the second	Well owner's Dat	e Package Deliver	ed	in Mir	nistry Use	a Only
Bus.Telephone	e No. (inc. a		ame of We	II Technic	cian (Last Name	, First Name)	- information	y   y   y   x   x   x				6460
Vell Technician	17 12 1/1 n's Licence N		MC0.		Guy 65	ate Submitted	delivered	e Work Completed				
36	$ \overline{S} $					30117020	- r :	614746	69	Received	EC 05	2017
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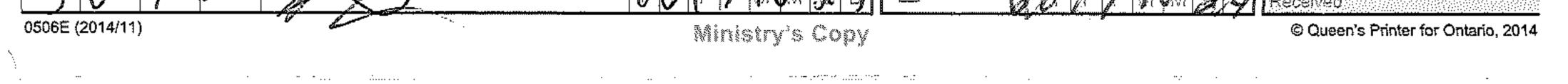
Ministry of the Environmer Ontario and Climate Change		90996 Regulatio	n 903 Ontario V	Vell-Ro Vater Reso	
Measurements recorded in: 🗌 Metric 🗶 Imperial	A19099	16 S-20	992 Pag		of
Address of Well Location (Street Number/Name)	Rd Township	Lot	Concess	ion	
County/District/Municipality UTM Coordinates Zone Easting NAD 8 3 18 4 4 1 2 5 2 5 92	City/Town/Village Ottaun 5939 Municipal Plan and Sub	olot Number	Province Ontario Other	Postal (	Code
Overburden and Bedrock Materials/Abandonment General Colour Most Common Material	Sealing Record (see instructions on the Other Materials	General Description	1	Depti From	n ( <i>m/ft)</i>   To
GRY Concrete	Gravel	herd pac	hed	6	l
· BRN Sad	Ganel	(Fill) 50ff, 100	52	1	9
GRY Linistone		hard		9	25
AnnularSpace		VV Service Control of the Control of Control of Control of the Control of Con	ell Yield Testir		
Depth Set at ( <i>m/ft</i> ) Type of Sealant Use From To ( <i>Material and Type</i> )		After test of well yield, water was:	F F	vel Time V	
0 1 Concrete/filus	hnoint	Other, specify     If pumping discontinued, give reason:	( <i>min</i> ) ( <i>m/ft</i> ) Static	(min)	(m/ft)
1 14 bestonite ?	sejal	- a pamping discontinued, give reason.	Level		
14 25 Filter San	- d	Pump intake set at (m/ft)	2	2	
					<del></del>
Method of Construction	Well Use	Pumping rate (Vmin / GPM)		4	
Cable Tool Diamond Diamond Dublic Domestic	Commercial Not used		5	5	
Rotary (Reverse)     Driving     Livestock     Digging     Irrigation	Cooling & Air Conditioning	hrs + min Final water level end of pumping (m/ft)			
Air percussion				10	
Construction Record - Casing	Status of Well	_ If flowing give rate (I/min / GPM)	15	15	
Diameter (Galvanized, Fibreolass, Thickness	epth ( <i>m/ft</i> )	Recommended pump depth (m/ft)	20	20	
(cm/in) Concrete, Plastic, Steel) (cm/in) From		Recommended pump rate	25	25	·
1.38 PVC .14 0	Constant And	(Vmin / GPM)	30	30	<del></del>
	Monitoring Hole	Well production (I/min / GPM)	40	40	
	Alteration (Construction)	Disinfected?	50	50	
	Abandoned, Insufficient Supply		60	60	
Outside Material Outside Discrete Material	epth ( <i>m/ft</i> ) Depth ( <i>m/ft</i> )	Please provide a map below following	ell Location instructions on th	e back.	<u>anananan</u> &
Diameter (Cm/in) (Plastic, Galvanized, Steel) Slot No. From	To Description Descripti Description Description Description Description Description Descr			16 <sup>1</sup>	N 4,
146 PVC 10 15				-	Fr N
		$ \begin{bmatrix} - & - & - & - & - & - & - & - & - & -$	2000 20		5)
Water Details Water found at Depth Kind of Water: Fresh Untes	ted Depth ( <i>m/ft</i> ) Diameter			i 1	)
( <i>m/ft</i> ) Gas Other, <i>specify</i>	From To (cm/in)		5'-1		X
Water found at Depth Kind of Water: Fresh Untes ( <i>m/ft</i> ) Gas Other, specify	$\frac{1}{100} = \frac{9}{2.815}$	] ] — Pa	rigi		
Water found at Depth Kind of Water: Fresh Untes			ot		
( <i>m/ft</i> ) Gas Other, specify					
Well Contractor and Well Techni Business Name of Well Contractor	Clan Information Well Contractor's Licence, No.	n - 1 1	1		
Stanta Uniting Group Business Address (Street Number/Name)	Municipality	Comments:			·· 
165 Shells Gurt	Marklan	EVn 1	several	Cont	lactors
Province Postal Code Business E-mail		Well owner's Date Package Delivered		istry Use	
	in (Last Name, Eirst Name)	package	Audit No	·Z23{	· · · · · · · · · · · · · · · · · · ·
Well Technician's Licence No. Signature of Technician and/or	Contractor Date Submitted	delivered Date Work Completed		EC 0 5	
	2017 NID215		2. URANA		CUI/

0506E (2014/11)	Ministry's Copy	© Queen's Printer for Ontario, 2014



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	<del>.</del>	·····	
			···
Annular Space	Results of We	I Yield Testing	1
Depth Set at (m/ft) Type of Sealant Used Volume Placed After test of	f well yield, water was:	Draw Down	Recovery
6 31 Concrede / Flus mernet	and sand free specify	( <i>min</i> ) ( <i>m/ft</i> )	Time Water Level (min) (m/ft)
	discontinued, give reason:	Static Level	
31 H.49 Bentonits		1	1
$\frac{7:49}{7.9}$ $\frac{3ah}{ah}$ Pump intal	ke set at (m/ft)	2	2
		3	3
	ate <i>(l/min / GPM</i> )		
Cable Tool Diamond Dublic Commercial Not used Uration of Rotary (Conventional) Jetting Domestic Municipal Dewatering Duration of		4	
Rotary (Reverse)       Driving       Livestock       Test Hole       Monitoring       Image: hrst Hole         Boring       Digging       Image: Hole       Image: Hole       Hole       Hole       Hole	+ min level end of pumping (m/fi)	5	5
Air percussion	lever end or pumping (mm)	10	10
	ive rate (I/min / GPM)	15	15
Construction Record - Casing       Status of Well         Inside       Open Hole OR Material       Wall       Depth (m/ft)       Water Supply	nded pump depth (m/ft)	20	20
Diameter (Galvanized, Fibreglass, Thickness (cm/in) Concrete Plastic Steel) (cm/in) From To Replacement Well		25	25
	nded pump rate	30	30
Dewatering Well		40	40
Monitoring Hole	ction (I/min / GPM)	50	
Alteration Disinfected			50
Abandoned, Abandoned, I Yes	<u>No</u>	60	60
Outside Construction Record - Screen	Map of We /ide a map below following ir	Il Location	rek
Diameter (Plastic, Galvanized, Steel) Slot No. From To Dandoned, other,	,		
$\frac{1}{12}$ $\frac{1}{21}$ $\frac{10}{10}$ $\frac{10}{10}$ specify			
The Other, specify	l 🔍	)	
Water Details         Hole Diameter           Water found at Depth Kind of Water:         Untested         Depth (m/ft)         Diameter			
(m/ft) Gas Other, specify From To (cm/in)			255
Water found at Depth Kind of Water: Fresh Untested		§	
( <i>m/ft</i> ) Gas Other, specify 217 79 56			
(m/ft) Gas Other, specify			
Well Contractor and Well Technician Information	Richmond	121	
Business Name of Well Contractor, Well Contractor's Licence No.	NOMB		
Business Address (Street Number/Name) Municipality Comments:	Som Man -	1	<u> </u>
Province Postal Code Business E-mail Address	sear 100	2	
On Longer weards of Sicks / (Mall owner	s Date Package Delivered	Minist	ry Use Only
Bus.Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) Information package	YYYYYMM C	Audit No. 🍞	
Well Technician's Licence No. Signature of Technician and/or Contractor Date Submitted	Date Work Completed		C C 5 2017
$2\sqrt{1}$	JA Stor Malo	» /I	~~~ <b>C</b> UI/



### **Nick Sullivan**

From:	Public Information Services < publicinformationservices@tssa.org>
Sent:	July 7, 2021 12:01 PM
То:	Nick Sullivan
Subject:	RE: Records Search Request (PE5365)

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.

#### RECORD FOUND

Hello Nick,

Thank you for your request for confirmation of public information.

• We confirm that there are records in our database of fuel storage tanks at the subject addresses:

INSTANCE NUMBER	ADDRESS		POSTAL CODE	T STATUS	FACILITY/DEVICE
10164510	236 RICHMOND RD	OTTAWA ON	K1Z 6W6	CUSTOMER SHUTDOWN	FS GASOLINE STATION - SPLIT SERVE
11342096	236 RICHMOND RD	OTTAWA ON	K1Z 6W6	EXPIRED	FS LIQUID FUEL TANK
11342118	236 RICHMOND RD	OTTAWA ON	K1Z 6W6	EXPIRED	FS LIQUID FUEL TANK
11342137	236 RICHMOND RD	OTTAWA ON	K1Z 6W6	EXPIRED	FS LIQUID FUEL TANK
11342159	236 RICHMOND RD	OTTAWA ON	K1Z 6W6	EXPIRED	FS LIQUID FUEL TANK
11464549	236 RICHMOND RD	OTTAWA ON	K1Z 6W6	ACTIVE	FS LIQUID FUEL TANK
11464568	236 RICHMOND RD	OTTAWA ON	K1Z 6W6	ACTIVE	FS LIQUID FUEL TANK
11464589	236 RICHMOND RD	OTTAWA ON	K1Z 6W6	ACTIVE	FS LIQUID FUEL TANK
9545808	236 RICHMOND RD	OTTAWA ON	K1Z 6W6	EXPIRED	FS GASOLINE STATION - FULL SERVE
10338480	256 RICHMOND RD AT TWEEDSMUIR AVE	OTTAWA ON	K1Z 6W9	ACTIVE	FS CYLINDER EXCHANGE
11106144	256 RICHMOND RD AT TWEEDSMUIR AVE	OTTAWA ON	K1Z 6W9	EXPIRED	FS LIQUID FUEL TANK
11106161	256 RICHMOND RD AT TWEEDSMUIR AVE	OTTAWA ON	K1Z 6W9	EXPIRED	FS LIQUID FUEL TANK
11106181	256 RICHMOND RD AT TWEEDSMUIR AVE	OTTAWA ON	K1Z 6W9	EXPIRED	FS LIQUID FUEL TANK
11106196	256 RICHMOND RD AT TWEEDSMUIR AVE	OTTAWA ON	K1Z 6W9	EXPIRED	FS LIQUID FUEL TANK
11515358	256 RICHMOND RD AT TWEEDSMUIR AVE	OTTAWA ON	K1Z 6W9	INACTIVE	FS LIQUID FUEL TANK
11515366	256 RICHMOND RD AT TWEEDSMUIR AVE	OTTAWA ON	K1Z 6W9	INACTIVE	FS LIQUID FUEL TANK
64732585	256 RICHMOND RD AT TWEEDSMUIR AVE	OTTAWA ON	K1Z 6W9	ACTIVE	FS LIQUID FUEL TANK
64732587	256 RICHMOND RD AT TWEEDSMUIR AVE	OTTAWA ON	K1Z 6W9	ACTIVE	FS LIQUID FUEL TANK
9911539	256 RICHMOND RD AT TWEEDSMUIR AVE	OTTAWA ON	K1Z 6W9	ACTIVE	FS GASOLINE STATION - SELF SERVE

For a further search in our archives please complete our release of public information form found at <u>https://www.tssa.org/en/about-tssa/release-of-public-information.aspx? mid =392</u> and email the completed form to <u>publicinformationservices@tssa.org</u> 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,

Saara



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: <u>publicinformationservices@tssa.org</u> www.tssa.org From: Nick Sullivan <<u>nsullivan@Patersongroup.ca</u>>
Sent: July 7, 2021 11:57 AM
To: Public Information Services <<u>publicinformationservices@tssa.org</u>>
Subject: Records Search Request (PE5365)

**[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 day,

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 <u>Ottawa</u>, <u>Ontario</u>:

Richmond Road: 225, 236, 249, 255, 256, 261, 277; Tweedsmuir Avenue: 372, 403; Athlone Avenue: 369.

Thank you,

Nick Sullivan, B.Sc.

# patersongroup

solution oriented engineering over 60 years serving our clients

154 Colonnade Road South Ottawa, Ontario, K2E 7J5 Tel: (613) 226-7381 Ext. 208 Cell: (613) 913-3608

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

	Office U	Jse Only
Application Number:	Ward Number:	Application Received: (dd/mm/yyyy):
		Historic Land Use Inventory
<b>Ottaw</b>	VA	Application Form

#### **Notice of Public Record**

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

#### **Municipal Freedom of Information and Protection Act**

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

#### **Background Information**

*Site Address or Location:	255 Richmond Road
	* Mandatory Field

#### Applicant/Agent Information:

Name:	Paterson Group Inc.						
Mailing Address:	ss: 154 Colonnade Road South, Ottawa, ON, K2E 7J5						
Telephone:	613-226-7381	Email Address:	nsullivan@patersongroup.ca				
Registered Property Owner Information:							
Name:	2828727 Ontario Inc.						
Mailing Address:	4019 Carling Avenue						
Telephone:	873-353-3584	Email Address:	patrickt@ystreetcapital.com				

#### **Site Details**

Legal Description and PIN:							
What is the land currently used for?	Site is currently occupied with multi-unit commercial retail building.						
	m Lot depth: m Lot area: m <sup>2</sup> area: (irregular lot) 1,167 m <sup>2</sup> e have Full Municipal Services:  ( Yes ( No						
	Required Fees						
Please don't hesitate to visit <u>the Historic Land Use Inventory</u> website more information. Fees must be paid in full at the time of application submission.							
Planning Fee	\$102.00						

#### **Submittal Requirements**

The following are required to be submitted with this application:

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

### Disclaimer For use with HLUI Database

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

The City, in providing information from the HLUI, to Paterson Group Inc.	("the Requester") does so only under the following
conditions and understanding:	

- The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.
- 2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.
- 3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.
- 4. Copyright is reserved to the City.
- 5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.
- 6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.
- 7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed:

Dated (dd/mm/yyyy): 14/07/2021 Per: Nick Sullivan (Please print name) Title: Environmental Engineer Company: Paterson Group Inc.

# paterson group

## **Consulting Engineers**

Ortawa Ortano Canada K2E 7J5 Tel: (613) 226-7381 Fax: (613) 226-6344

Geotechnical Engineering Erhuronmenta Engineering Marogeokogo Béologica Erhoneering Materiats Testing Burraing Sciérice

## Subject: Authorization Letter: HLUI Search Phase I - Environmental Site Assessment 249 & 255 Richmond Road and 372 Tweedsmuir Avenue Ottawa, Ontario

Dear Sir or Madam,

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:

Name of Representative

Authorization of Representative

Date

2828 727 Outario Inc lath Maxson

## **City of Ottawa** 110 Laurier Avenue West

July 14, 2021 File: PE5365-HLUI

Ottawa, Ontario K1P 1J1



# DATABASE REPORT

**Project Property:** 

Project No: Report Type: Order No: Requested by: Date Completed: Phase I ESA 255 Richmond Road Ottawa ON K1Z 6X1 PE5365 Standard Report 21070600514 Paterson Group Inc. July 9, 2021

Environmental Risk Information Services A division of Glacier Media Inc. 1.866.517.5204 | info@erisinfo.com | erisinfo.com

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#### Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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

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# **Executive Summary**

#### Property Information:

**Project Property:** 

Phase I ESA 255 Richmond Road Ottawa ON K1Z 6X1

**Project No:** 

PE5365

#### **Coordinates:**

	Latitude:	45.3939638
	Longitude:	-75.7505177
	UTM Northing:	5,026,990.23
	UTM Easting:	441,254.51
	UTM Zone:	18T
Elevation:		219 FT 66.72 M

#### Order Information:

Order No: Date Requested: Requested by: Report Type: 21070600514 July 6, 2021 Paterson Group Inc. Standard Report

#### Historical/Products:

# Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	1	1
BORE	Borehole	Y	0	1	1
CA	Certificates of Approval	Y	1	6	7
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
СНМ	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	4	4
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	1	2	3
ECA	Environmental Compliance Approval	Y	1	2	3
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	2	31	33
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	11	11
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems	Y	0	0	0
FST	(FIRSTS) Fuel Storage Tank	Y	0	16	16
FSTH	Fuel Storage Tank - Historic	Y	0	2	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	4	17	21
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	2	2
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

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Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	2	2
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	1	1
PINC	Pipeline Incidents	Y	0	10	10
PRT	Private and Retail Fuel Storage Tanks	Y	0	2	2
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	2	2
RST	Retail Fuel Storage Tanks	Y	0	1	1
SCT	Scott's Manufacturing Directory	Y	0	12	12
SPL	Ontario Spills	Y	1	23	24
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	8	18	26
		Total:	18	167	185

# Executive Summary: Site Report Summary - Project Property

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	WWIS		255 RICHMOND RD OTTAWA ON	NW/5.9	0.16	<u>45</u>
			Well ID: 7300863			
<u>2</u>	WWIS		255 RICHMOND RD OTTAWA ON	SSW/6.7	0.08	<u>48</u>
			Well ID: 7300862			
<u>3</u>	EHS		255 Richmond Rd Ottawa ON K1Z6X1	SSW/10.4	0.00	<u>51</u>
<u>4</u>	WWIS		255 RICHMOND RD OTTAWA ON	NNE/11.3	0.08	<u>51</u>
			Well ID: 7300858			
<u>5</u>	EBR	Lusitania Collision Center (1996) Limited	255 Richmond road Ottawa Ontario Ottawa ON	SW/12.8	0.00	<u>54</u>
				011///00		
<u>5</u>	EHS		255 Richmond Road Ottawa ON K1Z 6X1	SW/12.8	0.00	<u>54</u>
5	СА	Lusitania Collision Center	255 Richmond road	SW/12.8	0.00	
-		(1996) Limited	Ottawa ON K1Z 6X1			<u>55</u>
<u>5</u>	GEN	Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	SW/12.8	0.00	55
			Ullawd UN NIZ UAT			
<u>5</u>	GEN	Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	SW/12.8	0.00	<u>55</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>5</u>	GEN	Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	SW/12.8	0.00	55
<u>5</u>	GEN	Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON	SW/12.8	0.00	<u>56</u>
<u>5</u>	ECA	Lusitania Collision Center (1996) Limited	255 Richmond road Ottawa ON K1Z 6X1	SW/12.8	0.00	<u>56</u>
<u>5</u>	SPL		255 Richmond Rd Ottawa; Ottawa ON NA	SW/12.8	0.00	<u>56</u>
<u>6</u>	WWIS		255 RICHMOND RD OTTAWA ON <b>Well ID:</b> 7300860	SSW/14.0	0.00	<u>57</u>
<u>7</u>	WWIS		255 RICHMOND ROAD Ottawa ON <b>Well ID:</b> 7115803	SSE/18.4	0.09	<u>60</u>
<u>8</u>	WWIS		255 RICHMOND RD OTTAWA ON <b>Well ID:</b> 7300859	SE/20.3	0.09	<u>63</u>
<u>9</u>	WWIS		255 RICHMOND ROAD Ottawa ON <b>Well ID:</b> 7295741	SSE/21.2	0.09	<u>65</u>
<u>11</u>	WWIS		255 RICHMOND RD OTTAWA ON <b>Well ID:</b> 7300861	SSW/32.4	0.00	<u>69</u>

# Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>10</u>	SPL	MOTOR VEHICLE	259 RICHMOND RD. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Z 6X1	SSW/30.4	0.00	<u>71</u>
<u>12</u>	SPL	ULTRAMAR	261 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6X1	WSW/33.0	0.03	<u>72</u>
<u>12</u>	SCT	Rose Drapery Ltd.	261 Richmond Rd Ottawa ON K1Z 6X1	WSW/33.0	0.03	<u>72</u>
<u>13</u>	SPL	Enbridge Gas Distribution Inc.	263 Richmond Rd Ottawa ON	WSW/33.0	0.03	<u>72</u>
<u>14</u>	WWIS		ON <b>Well ID:</b> 7336502	S/34.4	0.00	<u>73</u>
<u>15</u>	GEN	LAMBLE PHOTO-LAB SERVICES 24-946	371 ATHLONE AVE. OTTAWA ON K1Z 5M3	W/36.8	0.03	<u>74</u>
<u>15</u>	SCT	Rose Drapery Ltd.	371 Athlone Ave Ottawa ON K1Z 5M3	W/36.8	0.03	<u>74</u>
<u>15</u>	SCT	Rose Draperies Ltd.	371 Athlone Ave Ottawa ON K1Z 5M3	W/36.8	0.03	<u>74</u>
<u>16</u>	CA	OTTAWA CITY	RICHMOND RD./TWEEDSMUIR AVE. OTTAWA CITY ON	ESE/42.8	0.10	<u>74</u>
<u>16</u>	SPL	City of Ottawa	corner of Tweedsmuir Ave & Richmond Road Ottawa ON	ESE/42.8	0.10	<u>75</u>
<u>16</u>	GEN	City of Ottawa	Richmond Rd at Tweedsmuir Avenue Right-of-way Ottawa ON K1Z 6W7	ESE/42.8	0.10	<u>75</u>
<u>16</u>	GEN	City of Ottawa	Richmond Rd at Tweedsmuir Avenue Right-of-way Ottawa ON K1Z 6W7	ESE/42.8	0.10 0: 210706005	<u>76</u>

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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>17</u>	WWIS		TWEEDSMUIR NORTH OF RICHMOND RD. Ottawa ON <i>Well ID:</i> 7136557	SW/45.1	0.03	<u>76</u>
<u>18</u>	WWIS		TWEENMUIR AT CLARE ST Ottawa ON	ESE/47.2	0.04	<u>78</u>
<u>19</u>	SPL	SUNOCO	<i>Well ID:</i> 7139974 256 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6W9	SSE/62.1	1.09	<u>85</u>
<u>19</u>	PRT	C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	SSE/62.1	1.09	<u>85</u>
<u>19</u>	CA	C CORP (ONTARIO) INC.	256 RICHMOND ROAD, WINKS, SWM OTTAWA CITY ON K1Z 6W9	SSE/62.1	1.09	<u>86</u>
<u>19</u>	FSTH	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	SSE/62.1	1.09	<u>86</u>
<u>19</u>	GEN	MACS CONVENIENCE STORES INC.	256 RICHMOND RD., OTTAWA ON K1Z 6W9	SSE/62.1	1.09	<u>86</u>
<u>19</u>	FSTH	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	SSE/62.1	1.09	<u>87</u>
<u>19</u>	DTNK	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	SSE/62.1	1.09	<u>87</u>
<u>19</u>	DTNK	MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	SSE/62.1	1.09	<u>88</u>
<u>19</u>	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	<u>88</u>
<u>19</u>	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	<u>89</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Numbei
<u>19</u>	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	<u>89</u>
<u>19</u>	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	<u>90</u>
<u>19</u>	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	<u>90</u>
<u>19</u>	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	<u>90</u>
<u>19</u>	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	SSE/62.1	1.09	<u>91</u>
<u>19</u>	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	SSE/62.1	1.09	9 <u>1</u>
<u>19</u>	INC	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD,AT TWEEDSMUIR AVE,OTTAWA,ON,K1Z 6W9,CA ON	SSE/62.1	1.09	<u>92</u>
<u>19</u>	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	<u>93</u>
<u>19</u>	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	<u>93</u>
<u>19</u>	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	<u>93</u>
<u>19</u>	FST		256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	SSE/62.1	1.09	<u>94</u>
<u>19</u>	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	<u>94</u>
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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>19</u>	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	<u>95</u>
<u>19</u>	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	<u>95</u>
<u>20</u>	WWIS		TWEEDSMURI NORTH OF RICHMOND RD. Ottawa ON <i>Well ID:</i> 7136558	SE/64.9	1.12	<u>96</u>
<u>21</u>	WWIS		TWEEDSMUIR R NORTH OF RICHMOND RD. ON <i>Well ID:</i> 7136559	ESE/65.2	0.04	<u>98</u>
<u>22</u>	SPL	PETRO-CANADA	236 RICHMOND ROAD SERVICE STATION OTTAWA CITY ON K1Z 6W6	ESE/73.1	0.06	<u>100</u>
<u>22</u>	PRT	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	ESE/73.1	0.06	<u>101</u>
<u>22</u>	RST	NICK'S SERVICE CENTRE	236 RICHMOND RD OTTAWA ON K1Z6W6	ESE/73.1	0.06	<u>101</u>
<u>22</u>	DTNK	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	ESE/73.1	0.06	<u>101</u>
<u>22</u>	DTNK	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON	ESE/73.1	0.06	<u>101</u>
<u>22</u>	FST	BELWINDY ENT LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	<u>102</u>
<u>22</u>	FST	BELWINDY ENT LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	<u>102</u>
<u>22</u>	FST	BELWINDY ENT LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	<u>103</u>
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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>22</u>	SPL	Enbridge Gas Distribution Inc.	238 Richmond Road Ottawa ON	ESE/73.1	0.06	<u>103</u>
<u>22</u>	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	<u>104</u>
<u>22</u>	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	<u>104</u>
<u>22</u>	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	<u>105</u>
<u>22</u>	EXP	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	<u>105</u>
<u>22</u>	RSC	TWEEDSMUIR AND MAIN URBAN PROPERTIES INC.	236 RICHMOND ROAD, OTTAWA, ON K1Z 6W6 Ottawa ON	ESE/73.1	0.06	<u>105</u>
<u>22</u>	GEN	Tweedsmuir and Main Urban Properties Inc.	236 RICHMOND ROAD OTTAWA ON K1Z 6W6	ESE/73.1	0.06	<u>107</u>
<u>22</u>	EHS		236 Richmond Rd Ottawa ON K1Z6W6	ESE/73.1	0.06	<u>107</u>
<u>22</u>	EHS		236 Richmond Road Ottawa ON K1Z 6W6	ESE/73.1	0.06	<u>107</u>
<u>22</u>	EHS		236 Richmond Road Ottawa ON K1Z 6W6	ESE/73.1	0.06	<u>107</u>
<u>22</u>	EHS		236 Richmond Road Ottawa ON K1Z 6W6	ESE/73.1	0.06	<u>107</u>
<u>22</u>	EXP		236 RICHMOND RD OTTAWA K1Z 6W6 ON	ESE/73.1	0.06	<u>108</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>22</u>	FST	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	<u>108</u>
<u>22</u>	FST	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	<u>109</u>
<u>22</u>	FST	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	<u>109</u>
<u>22</u>	FST	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	<u>109</u>
<u>22</u>	PINC	PIPELINE HIT - 1"	238 RICHMOND ROAD,,OTTAWA,ON,K1Z 6W6,CA ON	ESE/73.1	0.06	<u>110</u>
<u>22</u>	EHS		236 Richmond Road Ottawa ON K1Z 6W6	ESE/73.1	0.06	<u>110</u>
<u>23</u>	CA	Otto's Service Centre Limited	225/245 Richmond Road Ottawa ON	ENE/74.6	-0.88	<u>111</u>
<u>24</u>	HINC		267 Richmond Rd OTTAWA ON	WSW/75.2	1.15	<u>111</u>
<u>24</u>	GEN	850676 ontario Limited	267 Richmond Rd. Ottawa ON K1Z 6X3	WSW/75.2	1.15	<u>111</u>
<u>24</u>	EHS		267 Richmond Road Ottawa ON K1Z 6X3	WSW/75.2	1.15	<u>112</u>
<u>24</u>	EHS		267 Richmond Road Ottawa ON K1Z 6X3	WSW/75.2	1.15	<u>112</u>
<u>24</u>	EHS		267 Richmond Road Ottawa ON K1Z 6X3	WSW/75.2	1.15	<u>112</u>
<u>24</u>	EHS		267 Richmond Road Ottawa ON K1Z 6X3	WSW/75.2	1.15	<u>112</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>25</u>	EHS		236 Richmond Road Ottawa ON K1Z 6W6	ESE/78.4	0.06	<u>112</u>
<u>26</u>	WWIS		ON <b>Well ID:</b> 7242470	SSE/83.1	1.10	<u>113</u>
<u>27</u>	EHS		270 Richmond Rd Ottawa ON K1Z6X2	SW/85.9	1.11	<u>113</u>
<u>28</u>	BORE		ON	ESE/87.4	1.14	<u>114</u>
<u>29</u>	WWIS		ON Well ID: 1508932	ESE/87.6	1.14	<u>115</u>
<u>30</u>	WWIS		ON <b>Well ID:</b> 1532963	W/91.4	0.32	<u>117</u>
<u>31</u>	WWIS		277 RICHMOND RD Ottawa ON <b>Well ID:</b> 7317351	WSW/95.4	1.14	<u>120</u>
<u>32</u>	SPL	PRIVATE BUSINESS (N.O.S.)	225 RICHMOND RD. OTTAWA OTTAWA CITY ON K1Z 6W7	ENE/96.2	-0.85	<u>123</u>
<u>32</u>	EBR	Otto's Service Centre Limited	225/245 Richmond Road Ottawa Ontario K1Z 6W7 Ottawa ON	ENE/96.2	-0.85	<u>124</u>
<u>32</u>	CA	3526097 Canada Inc.	225 Richmond Road Ottawa ON K1Z 6W7	ENE/96.2	-0.85	<u>124</u>
<u>32</u>	EBR	Otto's Service Centre Limited	225 Richmond Road Ottawa K1Z 5H1 CITY OF OTTAWA ON	ENE/96.2	-0.85	<u>125</u>
<u>32</u>	ECA	Otto's Service Centre Limited	225/245 Richmond Road Ottawa ON K1Z 6W7	ENE/96.2	-0.85	<u>125</u>
<u>32</u>	ECA	3526097 Canada Inc.	225 Richmond Road Ottawa ON K1Z 6W7	ENE/96.2	-0.85	<u>125</u>
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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>33</u>	SPL		222 Richmond Road Ottawa ON K1Z 6W6	E/101.2	0.26	<u>126</u>
<u>33</u>	SPL		222 Richmond Rd. Ottawa ON	E/101.2	0.26	<u>126</u>
<u>34</u>	WWIS		SCOTT ST. / TWEEDSMUIR AVE. OTTAWA ON <b>Well ID:</b> 7245885	WNW/104.9	-0.87	<u>127</u>
<u>35</u>	EHS		238 Richmond Rd Ottawa ON K1Z6W6	ESE/107.2	1.18	<u>128</u>
<u>36</u>	WWIS		281 RICHMOND RD Ottawa ON <b>Well ID:</b> 7317352	WSW/107.4	1.14	<u>129</u>
<u>37</u>	SCT	FINE PRINT INC.	345A ATHLONE AVE OTTAWA ON K1Z 5M3	NW/110.9	-0.78	<u>132</u>
<u>38</u>	SPL	8596239 Canada Inc. <unofficial></unofficial>	400 Athlone Ave Ottawa ON	SSW/129.6	1.87	<u>132</u>
<u>39</u>	SCT	Y'S OWL CO-OPERATIVE INC	290 PICTON AVE OTTAWA ON K1Z 8P8	WSW/129.7	0.15	<u>133</u>
<u>39</u>	SCT	Orezone Resources Inc.	290 Picton St Suite 201 Ottawa ON K1Z 8P8	WSW/129.7	0.15	<u>133</u>
<u>39</u>	SCT	Apption Software Inc.	290 Picton Ave Suite 104 Ottawa ON K1Z 8P8	WSW/129.7	0.15	<u>133</u>
<u>39</u>	SCT	Orezone Gold Corporation	290 Picton Ave Suite 201 Ottawa ON K1Z 8P8	WSW/129.7	0.15	<u>133</u>
<u>40</u>	PINC		412 Tweedsmuir Ave. Ottawa ON	SSE/130.5	1.80	<u>133</u>
<u>41</u>	SPL	Enbridge Gas Distribution Inc.	415 Tweedsmuir Avenume Ottawa ON K1Z 5N6	SE/137.6	1.14	<u>134</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>41</u>	INC		415 Tweedsmuir Avenue, Ottawa ON K1Z 5N6	SE/137.6	1.14	<u>134</u>
<u>41</u>	EHS		415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SE/137.6	1.14	<u>135</u>
<u>41</u>	EHS		415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SE/137.6	1.14	<u>135</u>
<u>41</u>	EHS		415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SE/137.6	1.14	<u>135</u>
<u>41</u>	EHS		415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SE/137.6	1.14	<u>136</u>
<u>41</u>	EHS		415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SE/137.6	1.14	<u>136</u>
<u>42</u>	EHS		277 Richmond Rd Ottawa On Ottawa ON K1Z6X3	WSW/148.0	1.28	<u>136</u>
<u>43</u>	SPL		342 Athlone Avenue Ottawa ON K1Z 5M4	WNW/148.0	-0.77	<u>136</u>
<u>44</u>	EHS		336 Tweedsmuir Ottawa ON	NNW/154.7	-1.87	<u>137</u>
<u>45</u>	WWIS		ON <i>Well ID</i> : 7224473	WSW/156.6	1.28	<u>137</u>
<u>46</u>	EHS		288 Richmond Road Ottawa ON K1Z 6X5	SW/160.1	1.12	<u>138</u>
<u>47</u>	EHS		361 McRae Avenue Ottawa ON K1Z 8P4	NE/160.5	-1.80	<u>138</u>
<u>48</u>	WWIS		298 Richmond Road Ottawa ON	SW/162.0	1.12	<u>138</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7346073			
<u>49</u>	SPL		359 McRae Street <unofficial> Ottawa ON K1Z 8P4</unofficial>	NE/165.1	-1.87	<u>141</u>
<u>49</u>	HINC		359 McRAE STREET OTTAWA ON	NE/165.1	-1.87	<u>142</u>
<u>50</u>	PINC	ZONE 5 LANDSCAPING INC	409 EDGEWOOD AVE,,OTTAWA,ON,K1Z 5K6,CA ON	SSW/166.4	2.16	<u>142</u>
<u>50</u>	SPL	Enbridge Gas Distribution Inc.	409 Edgewood Avenue Ottawa ON	SSW/166.4	2.16	<u>143</u>
<u>51</u>	WWIS		298 Richmond Road Ottawa ON <i>Well ID:</i> 7346074	SW/171.9	1.16	<u>143</u>
<u>52</u>	SPL		335 Tweedsmuir Ave Ottawa ON	N/174.5	-1.92	<u>146</u>
<u>52</u>	PINC	TSSA INCIDENTS	335 TWEEDSMUIR AVE,,OTTAWA,ON, K1Z 5N3,CA ON	N/174.5	-1.92	<u>147</u>
<u>53</u>	GEN	Leimerk Developments Ltd.	205 Richmond Road Ottawa ON K1Z 6W4	ENE/175.4	-1.53	<u>147</u>
54	WWIS		320 McRae Ave Ottawa ON <i>Well ID</i> : 7334764	NNE/184.0	-2.39	<u>148</u>
<u>55</u>	PINC	BEAVER CONSTRUCTION GROUP INC	422 ATHLONE AVE,,OTTAWA,ON,K1Z 5M5,CA ON	S/184.2	2.43	<u>151</u>
<u>56</u>	SPL	DRUMMOND FUELS	JAYS GAS BAR, 320 MCRAE AVE (SCOTT AND MCRAE) TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 5R8	N/189.3	-2.42	<u>151</u>
<u>56</u>	SCT	AUTO REB-EX INTERNATIONAL	320 McRae St Ottawa ON K1Z 5R8	N/189.3	-2.42	<u>152</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>56</u>	AUWR	AUTO REB-EX INTERNATIONAL INC	320 MCRAE AVE OTTAWA ON K1Z 5R8	N/189.3	-2.42	<u>152</u>
<u>56</u>	GEN	CARSON'S BODY REPAIRS LTD.	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	N/189.3	-2.42	<u>152</u>
<u>56</u>	GEN	CARSON'S BODY REPAIRS (OUT OF BUSINESS)	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	N/189.3	-2.42	<u>153</u>
<u>56</u>	GEN	CARSON'S BODY REPAIRS LTD. 08-817	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	N/189.3	-2.42	<u>153</u>
<u>56</u>	EASR	320 MCRAE GP INC.	320 MCRAE AVE OTTAWA ON K1Z 5R8	N/189.3	-2.42	<u>153</u>
<u>57</u>	GEN	Bushtukah	203 Richmond rd Ottawa ON K1Z 6W4	ENE/190.9	-1.53	<u>153</u>
<u>57</u>	GEN	Bushtukah	203 Richmond rd Ottawa ON	ENE/190.9	-1.53	<u>154</u>
<u>57</u>	GEN	Bushtukah	203 Richmond rd Ottawa ON	ENE/190.9	-1.53	<u>154</u>
<u>58</u>	SPL	PRIVATE RESIDENCE	325 TWEEDSMUIR AVE, OTTAWA FURNACE OIL TANK OTTAWA CITY ON K1Z 5N3	N/198.1	-2.65	<u>154</u>
<u>59</u>	PINC	ENBRIDGE GAS INC	401 EDEN AVE,,OTTAWA,ON,K1Z 5J1,CA ON	SW/198.9	1.49	<u>155</u>
<u>60</u>	EHS		305 Picton Avenue Ottawa ON K1Z 6V4	WSW/199.8	0.14	<u>155</u>
<u>61</u>	SPL		424 Athlone St Ottawa ON	S/201.2	3.11	<u>156</u>
<u>61</u>	PINC	GARY PATRICK GEHL	424 ATHLONE AVE,,OTTAWA,ON,K1Z 5M5,CA ON	S/201.2	3.11	<u>156</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>62</u>	SPL	Enbridge Gas Distribution Inc.	412 Edgewood Avenue Ottawa ON	SSW/201.6	2.12	<u>156</u>
<u>62</u>	PINC	PIPELINE HIT 1/2"	412 EDGEWOOD AVE,,OTTAWA,ON,K1Z 5K5,CA ON	SSW/201.6	2.12	<u>157</u>
<u>63</u>	SPL		Ottawa ON	NW/205.0	-1.78	<u>157</u>
<u>64</u>	EHS		Mcrae Avenue Ottawa ON	NNE/208.6	-2.39	<u>158</u>
<u>65</u>	PINC	ENBRIDGE GAS INC	306 ELMGROVE AVE,,OTTAWA,ON,K1Z 6V1,CA ON	W/213.8	0.12	<u>158</u>
<u>66</u>	PES	P. & T. EQUIPMENT	311 RICHMOND ROAD, SUITE 308 OTTAWA ON K1Z 6X3	WSW/214.2	1.14	<u>159</u>
<u>66</u>	SCT	GEVC Interactive Inc.	311 Richmond Rd Suite 204 Ottawa ON K1Z 6X3	WSW/214.2	1.14	<u>159</u>
<u>67</u>	SCT	Aland Enterprises	199 Richmond Rd Ottawa ON K1Z 6W4	ENE/214.7	-0.71	<u>159</u>
<u>68</u>	GEN	Cassone Construction	300 Richmond Rd. Ottawa ON	SW/219.9	2.26	<u>159</u>
<u>69</u>	CA	OTTAWA CITY	EDGEWOOD AVE./LINCOLN AVE. OTTAWA CITY ON	SSW/220.5	2.82	<u>160</u>
<u>70</u>	RSC	MCRAE AVENUE (OTTAWA) DEVELOPMENT INC.	319 MCRAE AVENUE, OTTAWA, ON K1Z 5T9 Ottawa ON	NE/222.0	-2.81	<u>160</u>
<u>70</u>	SPL	Construction <unofficial></unofficial>	319 McRae St. Ottawa ON	NE/222.0	-2.81	<u>161</u>
<u>70</u>	GEN	Broccolini Construction Ottawa Inc.	319 McRae ottawa ON K1Z 5R8	NE/222.0	-2.81	<u>162</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>70</u>	GEN	Colonnade Bridgeport	315 - 319 McRae Street Ottawa ON K1Z 0C2	NE/222.0	-2.81	<u>162</u>
<u>70</u>	GEN	Colonnade Bridgeport	315 - 319 McRae Street Ottawa ON K1Z 0C2	NE/222.0	-2.81	<u>162</u>
<u>71</u>	WWIS		1385 woodroffe Ave Ottawa ON <i>Well ID:</i> 7348381	N/223.0	-2.89	<u>162</u>
<u>72</u>	WWIS		320 McRae Ave Ottawa ON <i>Well ID:</i> 7334765	N/225.3	-2.92	<u>165</u>
<u>73</u>	CA	OTTAWA CITY - PT.LOT 31, CONC. 1	ATHLONE AVE./BYRON AVE. OTTAWA CITY ON	SSE/227.7	3.10	<u>168</u>
<u>74</u>	PINC	PIPELINE HIT - 2"	310 ELMGROVE AVE,,OTTAWA,ON,K1Z 6V1,CA ON	W/232.1	0.16	<u>169</u>
<u>74</u>	SPL	Enbridge Gas Distribution Inc.	310 Elmsgrove Ave Ottawa ON	W/232.1	0.16	<u>169</u>
<u>75</u>	EHS		320 McRae Ave, 1976 Scott Street, 311 & 315 Tweensmuir Avenue Ottawa ON K1Z 5N3	N/234.6	-2.99	<u>170</u>
<u>76</u>	EHS		193 Richmond Rd Ottawa ON K1Z6W4	ENE/235.1	-1.82	<u>170</u>
<u>77</u>	WWIS		190 RICHMOND ROAD OTTAWA ON <b>Well ID:</b> 7264947	ESE/237.3	1.34	<u>170</u>
<u>78</u>	EHS		315 Tweedsmuir Ave Ottawa ON K1Z 5N3	N/239.7	-3.01	<u>173</u>
<u>78</u>	EHS		315 Tweedsmuir Ave Ottawa ON K1Z 5N3	N/239.7	-3.01	<u>173</u>
<u>79</u>	EHS		404 Eden Avenue Ottawa ON	SW/239.9	2.26	<u>174</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>80</u>	SCT	Design 1st Inc.	314 Athlone Ave Ottawa ON K1Z 5M4	NW/243.5	-2.81	<u>174</u>
<u>81</u>	EHS		315 Tweedsmuir Ave Ottawa ON K1Z 5N3	NNW/246.5	-2.99	<u>174</u>
<u>81</u>	EHS		315 Tweedsmuir Ave Ottawa ON K1Z 5N3	NNW/246.5	-2.99	<u>175</u>
<u>81</u>	EHS		315 Tweedsmuir Ave Ottawa ON K1Z 5N3	NNW/246.5	-2.99	<u>175</u>

# Executive Summary: Summary By Data Source

#### AUWR - Automobile Wrecking & Supplies

A search of the AUWR database, dated 1999-Dec 31, 2020 has found that there are 1 AUWR site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
AUTO REB-EX INTERNATIONAL INC	320 MCRAE AVE OTTAWA ON K1Z 5R8	Ν	189.33	<u>56</u>

#### **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.

Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
		ESE	87.45	28
	ON			

#### **<u>CA</u>** - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 7 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation Lusitania Collision Center (1996) Limited	Address 255 Richmond road Ottawa ON K1Z 6X1	<u>Direction</u> SW	<u>Distance (m)</u> 12.77	<u>Map Key</u> <u>5</u>
OTTAWA CITY	RICHMOND RD./TWEEDSMUIR AVE. OTTAWA CITY ON	ESE	42.79	<u>16</u>
C CORP (ONTARIO) INC.	256 RICHMOND ROAD, WINKS, SWM OTTAWA CITY ON K1Z 6W9	SSE	62.11	<u>19</u>
OTTAWA CITY	EDGEWOOD AVE./LINCOLN AVE. OTTAWA CITY ON	SSW	220.51	<u>69</u>

Equal/Higher Elevation OTTAWA CITY - PT.LOT 31, CONC. 1	<u>Address</u> ATHLONE AVE./BYRON AVE. OTTAWA CITY ON	<u>Direction</u> SSE	<u>Distance (m)</u> 227.68	<u>Map Key</u> <u>73</u>
Lower Elevation Otto's Service Centre Limited	Address 225/245 Richmond Road Ottawa ON	Direction ENE	<u>Distance (m)</u> 74.58	<u>Map Key</u> <u>23</u>
3526097 Canada Inc.	225 Richmond Road Ottawa ON K1Z 6W7	ENE	96.20	<u>32</u>

#### **DTNK** - Delisted Fuel Tanks

A search of the DTNK database, dated Jul 31, 2020 has found that there are 4 DTNK site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation MAC'S CONVENIENCE STORES INC**	<u>Address</u> 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	Direction SSE	<u>Distance (m)</u> 62.11	<u>Map Key</u> <u>19</u>
MAC'S CONVENIENCE STORES	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	SSE	62.11	<u>19</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON	ESE	73.10	<u>22</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	ESE	73.10	<u>22</u>

#### **EASR** - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-May 31, 2021 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
320 MCRAE GP INC.	320 MCRAE AVE OTTAWA ON K1Z 5R8	Ν	189.33	<u>56</u>

erisinfo.com	Environmental	Risk	Information	Services
<u>CH3H10.0011</u>		1,101	monnation	001110003

#### **EBR** - Environmental Registry

A search of the EBR database, dated 1994-Apr 30, 2021 has found that there are 3 EBR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation Lusitania Collision Center (1996) Limited	Address 255 Richmond road Ottawa Ontario Ottawa ON	Direction SW	<u>Distance (m)</u> 12.77	<u>Map Key</u> <u>5</u>
Lower Elevation Otto's Service Centre Limited	<u>Address</u> 225/245 Richmond Road Ottawa Ontario K1Z 6W7 Ottawa ON	Direction ENE	<u>Distance (m)</u> 96.20	<u>Map Key</u> <u>32</u>
Otto's Service Centre Limited	225 Richmond Road Ottawa K1Z 5H1 CITY OF OTTAWA ON	ENE	96.20	<u>32</u>

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

A search of the ECA database, dated Oct 2011- May 31, 2021 has found that there are 3 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	Distance (m)	<u>Map Key</u>
Lusitania Collision Center (1996) Limited	255 Richmond road Ottawa ON K1Z 6X1	SW	12.77	5
Lower Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
3526097 Canada Inc.	225 Richmond Road Ottawa ON K1Z 6W7	ENE	96.20	<u>32</u>
Otto's Service Centre Limited	225/245 Richmond Road	ENE	96.20	32

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

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 33 EHS site(s) within approximately 0.25 kilometers

### of the project property.

Equal/Higher Elevation	<u>Address</u> 255 Richmond Rd Ottawa ON K1Z6X1	Direction SSW	<u>Distance (m)</u> 10.38	<u>Map Key</u> <u>3</u>
	255 Richmond Road Ottawa ON K1Z 6X1	SW	12.77	<u>5</u>
	236 Richmond Rd Ottawa ON K1Z6W6	ESE	73.10	<u>22</u>
	236 Richmond Road Ottawa ON K1Z 6W6	ESE	73.10	<u>22</u>
	236 Richmond Road Ottawa ON K1Z 6W6	ESE	73.10	<u>22</u>
	236 Richmond Road Ottawa ON K1Z 6W6	ESE	73.10	<u>22</u>
	236 Richmond Road Ottawa ON K1Z 6W6	ESE	73.10	<u>22</u>
	267 Richmond Road Ottawa ON K1Z 6X3	WSW	75.22	<u>24</u>
	267 Richmond Road Ottawa ON K1Z 6X3	WSW	75.22	<u>24</u>
	267 Richmond Road Ottawa ON K1Z 6X3	WSW	75.22	<u>24</u>
	267 Richmond Road Ottawa ON K1Z 6X3	WSW	75.22	<u>24</u>

Address 236 Richmond Road Ottawa ON K1Z 6W6	Direction ESE	<u>Distance (m)</u> 78.38	<u>Map Key</u> <u>25</u>
270 Richmond Rd Ottawa ON K1Z6X2	SW	85.92	<u>27</u>
238 Richmond Rd Ottawa ON K1Z6W6	ESE	107.19	<u>35</u>
415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SE	137.64	<u>41</u>
415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SE	137.64	<u>41</u>
415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SE	137.64	<u>41</u>
415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SE	137.64	<u>41</u>
415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SE	137.64	<u>41</u>
277 Richmond Rd Ottawa On Ottawa ON K1Z6X3	wsw	147.95	<u>42</u>
288 Richmond Road Ottawa ON K1Z 6X5	SW	160.10	<u>46</u>
305 Picton Avenue Ottawa ON K1Z 6V4	wsw	199.76	<u>60</u>
404 Eden Avenue Ottawa ON	SW	239.86	<u>79</u>

Equal/Higher Elevation

Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
Lower Elevation	<u>Address</u> 336 Tweedsmuir Ottawa ON	Direction NNW	<u>Distance (m)</u> 154.74	<u>Map Key</u> <u>44</u>
	361 McRae Avenue Ottawa ON K1Z 8P4	NE	160.50	<u>47</u>
	Mcrae Avenue Ottawa ON	NNE	208.57	<u>64</u>
	320 McRae Ave, 1976 Scott Street, 311 & 315 Tweensmuir Avenue Ottawa ON K1Z 5N3	Ν	234.57	<u>75</u>
	193 Richmond Rd Ottawa ON K1Z6W4	ENE	235.09	<u>76</u>
	315 Tweedsmuir Ave Ottawa ON K1Z 5N3	Ν	239.73	<u>78</u>
	315 Tweedsmuir Ave Ottawa ON K1Z 5N3	Ν	239.73	<u>78</u>
	315 Tweedsmuir Ave Ottawa ON K1Z 5N3	NNW	246.52	<u>81</u>
	315 Tweedsmuir Ave Ottawa ON K1Z 5N3	NNW	246.52	<u>81</u>
	315 Tweedsmuir Ave Ottawa ON K1Z 5N3	NNW	246.52	<u>81</u>

## $\underline{\text{EXP}}$ - List of Expired Fuels Safety Facilities

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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.

Equal/Higher Elevation MAC'S CONVENIENCE STORES INC	<u>Address</u> 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	Direction SSE	<u>Distance (m)</u> 62.11	<u>Map Key</u> <u>19</u>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE	62.11	<u>19</u>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE	62.11	<u>19</u>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE	62.11	<u>19</u>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE	62.11	<u>19</u>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE	62.11	<u>19</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE	73.10	<u>22</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE	73.10	<u>22</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE	73.10	<u>22</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE	73.10	<u>22</u>

Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
	236 RICHMOND RD OTTAWA K1Z 6W6 ON	ESE	73.10	<u>22</u>

### 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.

Equal/Higher Elevation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE	62.11	<u>19</u>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE	62.11	<u>19</u>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE	62.11	<u>19</u>
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	SSE	62.11	<u>19</u>
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	SSE	62.11	<u>19</u>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE	62.11	<u>19</u>
	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	SSE	62.11	<u>19</u>
MAC'S CONVENIENCE STORES	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA	SSE	62.11	<u>19</u>
29 <u>erisinfo.com</u>   Envir	onmental Risk Information Services			Order No: 21070600514

Equal/Higher Elevation	<u>Address</u> ON	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE	62.11	<u>19</u>
BELWINDY ENT LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE	73.10	<u>22</u>
BELWINDY ENT LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE	73.10	<u>22</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE	73.10	<u>22</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE	73.10	<u>22</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE	73.10	<u>22</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE	73.10	<u>22</u>
BELWINDY ENT LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE	73.10	<u>22</u>

### **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.

Equal/High	ner Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
MAC'S CON INC	VENIENCE STORES	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	SSE	62.11	<u>19</u>
30	erisinfo.com   Envir	onmental Risk Information Services			Order No: 21070600514

Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
MAC'S CONVENIENCE STORES	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	SSE	62.11	<u>19</u>

### **<u>GEN</u>** - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 21 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation Tall Tree Technologies Inc.	<u>Address</u> 255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	<u>Direction</u> SW	<u>Distance (m)</u> 12.77	<u>Map Key</u> <u>5</u>
Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	SW	12.77	<u>5</u>
Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	SW	12.77	<u>5</u>
Tall Tree Technologies Inc.	255 Richmond Rd. Unit 1 Ottawa ON	SW	12.77	<u>5</u>
LAMBLE PHOTO-LAB SERVICES 24-946	371 ATHLONE AVE. OTTAWA ON K1Z 5M3	W	36.83	<u>15</u>
City of Ottawa	Richmond Rd at Tweedsmuir Avenue Right-of-way Ottawa ON K1Z 6W7	ESE	42.79	<u>16</u>
City of Ottawa	Richmond Rd at Tweedsmuir Avenue Right-of-way Ottawa ON K1Z 6W7	ESE	42.79	<u>16</u>
MACS CONVENIENCE STORES INC.	256 RICHMOND RD., OTTAWA ON K1Z 6W9	SSE	62.11	<u>19</u>
Tweedsmuir and Main Urban Properties Inc.	236 RICHMOND ROAD OTTAWA ON K1Z 6W6	ESE	73.10	<u>22</u>

Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
850676 ontario Limited	267 Richmond Rd. Ottawa ON K1Z 6X3	WSW	75.22	<u>24</u>
Cassone Construction	300 Richmond Rd. Ottawa ON	SW	219.90	<u>68</u>

Lower Elevation	<u>Address</u>	<b>Direction</b>	Distance (m)	<u>Map Key</u>
Leimerk Developments Ltd.	205 Richmond Road Ottawa ON K1Z 6W4	ENE	175.44	<u>53</u>
CARSON'S BODY REPAIRS LTD.	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	Ν	189.33	<u>56</u>
CARSON'S BODY REPAIRS (OUT OF BUSINESS)	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	Ν	189.33	<u>56</u>
CARSON'S BODY REPAIRS LTD. 08-817	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	Ν	189.33	<u>56</u>
Bushtukah	203 Richmond rd Ottawa ON K1Z 6W4	ENE	190.85	<u>57</u>
Bushtukah	203 Richmond rd Ottawa ON	ENE	190.85	<u>57</u>
Bushtukah	203 Richmond rd Ottawa ON	ENE	190.85	<u>57</u>
Broccolini Construction Ottawa Inc.	319 McRae ottawa ON K1Z 5R8	NE	222.04	<u>70</u>
Colonnade Bridgeport	315 - 319 McRae Street Ottawa ON K1Z 0C2	NE	222.04	<u>70</u>

Colonnade Bridgeport	315 - 319 McRae Street	NE	222.04	70
	Ottawa ON K1Z 0C2			_

### HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009\* has found that there are 2 HINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u> 267 Richmond Rd OTTAWA ON	Direction WSW	<u>Distance (m)</u> 75.22	<u>Map Key</u> <u>24</u>
Lower Elevation	<u>Address</u> 359 McRAE STREET OTTAWA ON	<u>Direction</u> NE	<u>Distance (m)</u> 165.13	<u>Map Key</u> <u>49</u>

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

A search of the INC database, dated Jul 31, 2020 has found that there are 2 INC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD,AT TWEEDSMUIR AVE,OTTAWA,ON,K1Z 6W9,CA ON	SSE	62.11	<u>19</u>
	415 Tweedsmuir Avenue, Ottawa ON K1Z 5N6	SE	137.64	<u>41</u>

### PES - Pesticide Register

A search of the PES database, dated Oct 2011-May 31, 2021 has found that there are 1 PES site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
P. & T. EQUIPMENT	311 RICHMOND ROAD, SUITE 308 OTTAWA ON K1Z 6X3	WSW	214.25	<u>66</u>

<u>Map Key</u>

### **<u>PINC</u>** - Pipeline Incidents

A search of the PINC database, dated Oct 31, 2020 has found that there are 10 PINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation PIPELINE HIT - 1"	<u>Address</u> 238 RICHMOND ROAD,,OTTAWA,ON, K1Z 6W6,CA ON	<u>Direction</u> ESE	<u>Distance (m)</u> 73.10	<u>Map Key</u> 22
	412 Tweedsmuir Ave. Ottawa ON	SSE	130.48	<u>40</u>
ZONE 5 LANDSCAPING INC	409 EDGEWOOD AVE,,OTTAWA,ON, K1Z 5K6,CA ON	SSW	166.37	<u>50</u>
BEAVER CONSTRUCTION GROUP INC	422 ATHLONE AVE,,OTTAWA,ON, K1Z 5M5,CA ON	S	184.15	<u>55</u>
ENBRIDGE GAS INC	401 EDEN AVE,,OTTAWA,ON,K1Z 5J1,CA ON	SW	198.93	<u>59</u>
GARY PATRICK GEHL	424 ATHLONE AVE,,OTTAWA,ON, K1Z 5M5,CA ON	S	201.16	<u>61</u>
PIPELINE HIT 1/2"	412 EDGEWOOD AVE,,OTTAWA,ON, K1Z 5K5,CA ON	SSW	201.61	<u>62</u>
ENBRIDGE GAS INC	306 ELMGROVE AVE,,OTTAWA,ON, K1Z 6V1,CA ON	W	213.82	<u>65</u>
PIPELINE HIT - 2"	310 ELMGROVE AVE,,OTTAWA,ON, K1Z 6V1,CA ON	W	232.12	<u>74</u>

Lower Elevation	<u>Address</u>	<b>Direction</b>	Distance (m)	<u>Map Key</u>
TSSA INCIDENTS	335 TWEEDSMUIR AVE,,OTTAWA, ON,K1Z 5N3,CA ON	Ν	174.45	<u>52</u>

### 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.

Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	SSE	62.11	<u>19</u>
NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	ESE	73.10	<u>22</u>

### **<u>RSC</u>** - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-May 2021 has found that there are 2 RSC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
TWEEDSMUIR AND MAIN URBAN PROPERTIES INC.	236 RICHMOND ROAD, OTTAWA, ON K1Z 6W6 Ottawa ON	ESE	73.10	<u>22</u>

Lower Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
MCRAE AVENUE (OTTAWA) DEVELOPMENT INC.	319 MCRAE AVENUE, OTTAWA, ON K1Z 5T9 Ottawa ON	NE	222.04	<u>70</u>

### **<u>RST</u>** - 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.

Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
NICK'S SERVICE CENTRE	236 RICHMOND RD OTTAWA ON K1Z6W6	ESE	73.10	<u>22</u>

### SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 12 SCT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation Rose Drapery Ltd.	Address 261 Richmond Rd Ottawa ON K1Z 6X1	Direction WSW	<u>Distance (m)</u> 32.98	<u>Map Key</u> <u>12</u>
Rose Draperies Ltd.	371 Athlone Ave Ottawa ON K1Z 5M3	W	36.83	<u>15</u>
Rose Drapery Ltd.	371 Athlone Ave Ottawa ON K1Z 5M3	W	36.83	<u>15</u>
Orezone Gold Corporation	290 Picton Ave Suite 201 Ottawa ON K1Z 8P8	WSW	129.74	<u>39</u>
Apption Software Inc.	290 Picton Ave Suite 104 Ottawa ON K1Z 8P8	WSW	129.74	<u>39</u>
Orezone Resources Inc.	290 Picton St Suite 201 Ottawa ON K1Z 8P8	WSW	129.74	<u>39</u>
Y'S OWL CO-OPERATIVE INC	290 PICTON AVE OTTAWA ON K1Z 8P8	WSW	129.74	<u>39</u>
GEVC Interactive Inc.	311 Richmond Rd Suite 204 Ottawa ON K1Z 6X3	WSW	214.25	<u>66</u>

Lower Elevation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
FINE PRINT INC.	345A ATHLONE AVE OTTAWA ON K1Z 5M3	NW	110.87	<u>37</u>
AUTO REB-EX INTERNATIONAL	320 McRae St Ottawa ON K1Z 5R8	Ν	189.33	<u>56</u>

Aland Enterprises	199 Richmond Rd Ottawa ON K1Z 6W4	ENE	214.67	<u>67</u>
Design 1st Inc.	314 Athlone Ave Ottawa ON K1Z 5M4	NW	243.50	<u>80</u>

### SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 24 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u> 255 Richmond Rd Ottawa; Ottawa ON NA	<u>Direction</u> SW	<u>Distance (m)</u> 12.77	<u>Map Key</u> <u>5</u>
MOTOR VEHICLE	259 RICHMOND RD. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Z 6X1	SSW	30.36	<u>10</u>
ULTRAMAR	261 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6X1	WSW	32.98	<u>12</u>
Enbridge Gas Distribution Inc.	263 Richmond Rd Ottawa ON	WSW	33.04	<u>13</u>
City of Ottawa	corner of Tweedsmuir Ave & Richmond Road Ottawa ON	ESE	42.79	<u>16</u>
SUNOCO	256 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6W9	SSE	62.11	<u>19</u>
PETRO-CANADA	236 RICHMOND ROAD SERVICE STATION OTTAWA CITY ON K1Z 6W6	ESE	73.10	<u>22</u>
Enbridge Gas Distribution Inc.	238 Richmond Road Ottawa ON	ESE	73.10	<u>22</u>
	222 Richmond Rd. Ottawa ON	E	101.24	<u>33</u>

Equal/Higher Elevation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
	222 Richmond Road Ottawa ON K1Z 6W6	E	101.24	<u>33</u>
8596239 Canada Inc. <unofficial></unofficial>	400 Athlone Ave Ottawa ON	SSW	129.60	<u>38</u>
Enbridge Gas Distribution Inc.	415 Tweedsmuir Avenume Ottawa ON K1Z 5N6	SE	137.64	<u>41</u>
Enbridge Gas Distribution Inc.	409 Edgewood Avenue Ottawa ON	SSW	166.37	<u>50</u>
	424 Athlone St Ottawa ON	S	201.16	<u>61</u>
Enbridge Gas Distribution Inc.	412 Edgewood Avenue Ottawa ON	SSW	201.61	<u>62</u>
Enbridge Gas Distribution Inc.	310 Elmsgrove Ave Ottawa ON	W	232.12	<u>74</u>
Lower Elevation	<u>Address</u>	<b>Direction</b>	Distance (m)	<u>Map Key</u>
PRIVATE BUSINESS (N.O.S.)	225 RICHMOND RD. OTTAWA OTTAWA CITY ON K1Z 6W7	ENE	96.20	<u>32</u>
	342 Athlone Avenue Ottawa ON K1Z 5M4	WNW	148.00	<u>43</u>
	359 McRae Street <unofficial> Ottawa ON K1Z 8P4</unofficial>	NE	165.13	<u>49</u>
	335 Tweedsmuir Ave Ottawa ON	Ν	174.45	<u>52</u>

DRUMMOND FUELS	JAYS GAS BAR, 320 MCRAE AVE (SCOTT AND MCRAE) TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 5R8	Ν	189.33	<u>56</u>
PRIVATE RESIDENCE	325 TWEEDSMUIR AVE, OTTAWA FURNACE OIL TANK OTTAWA CITY ON K1Z 5N3	Ν	198.05	<u>58</u>
	Ottawa ON	NW	205.00	<u>63</u>
Construction <unofficial></unofficial>	319 McRae St. Ottawa ON	NE	222.04	<u>70</u>

### WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 26 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address 255 RICHMOND RD OTTAWA ON Well ID: 7300863	Direction NW	<u>Distance (m)</u> 5.92	<u>Map Key</u> <u>1</u>
	255 RICHMOND RD OTTAWA ON <i>Well ID:</i> 7300862	SSW	6.72	2
	255 RICHMOND RD OTTAWA ON <i>Well ID:</i> 7300858	NNE	11.32	<u>4</u>
	255 RICHMOND RD OTTAWA ON <i>Well ID:</i> 7300860	SSW	13.98	<u>6</u>
	255 RICHMOND ROAD Ottawa ON <i>Well ID:</i> 7115803	SSE	18.40	<u>7</u>
	255 RICHMOND RD OTTAWA ON <b>Well ID:</b> 7300859	SE	20.31	<u>8</u>

<u>Address</u> 255 RICHMOND ROAD Ottawa ON	Direction SSE	<u>Distance (m)</u> 21.25	<u>Map Key</u> 9
Well ID: 7295741			
255 RICHMOND RD OTTAWA ON	SSW	32.35	<u>11</u>
Well ID: 7300861			
ON	S	34.41	<u>14</u>
Well ID: 7336502			
TWEEDSMUIR NORTH OF RICHMOND RD. Ottawa ON <i>Well ID:</i> 7136557	SW	45.14	<u>17</u>
TWEENMUIR AT CLARE ST Ottawa ON	ESE	47.19	<u>18</u>
<b>Well ID:</b> 7139974			
TWEEDSMURI NORTH OF RICHMOND RD. Ottawa ON <i>Well ID:</i> 7136558	SE	64.86	<u>20</u>
TWEEDSMUIR R NORTH OF RICHMOND RD. ON <b>Well ID:</b> 7136559	ESE	65.17	<u>21</u>
ON	SSE	83.06	<u>26</u>
<b>Well ID:</b> 7242470			
ON	ESE	87.60	<u>29</u>
Well ID: 1508932			
ON	W	91.39	<u>30</u>
Well ID: 1532963			
277 RICHMOND RD Ottawa ON	WSW	95.38	<u>31</u>
<b>Well ID:</b> 7317351			
281 RICHMOND RD Ottawa ON	WSW	107.43	<u>36</u>

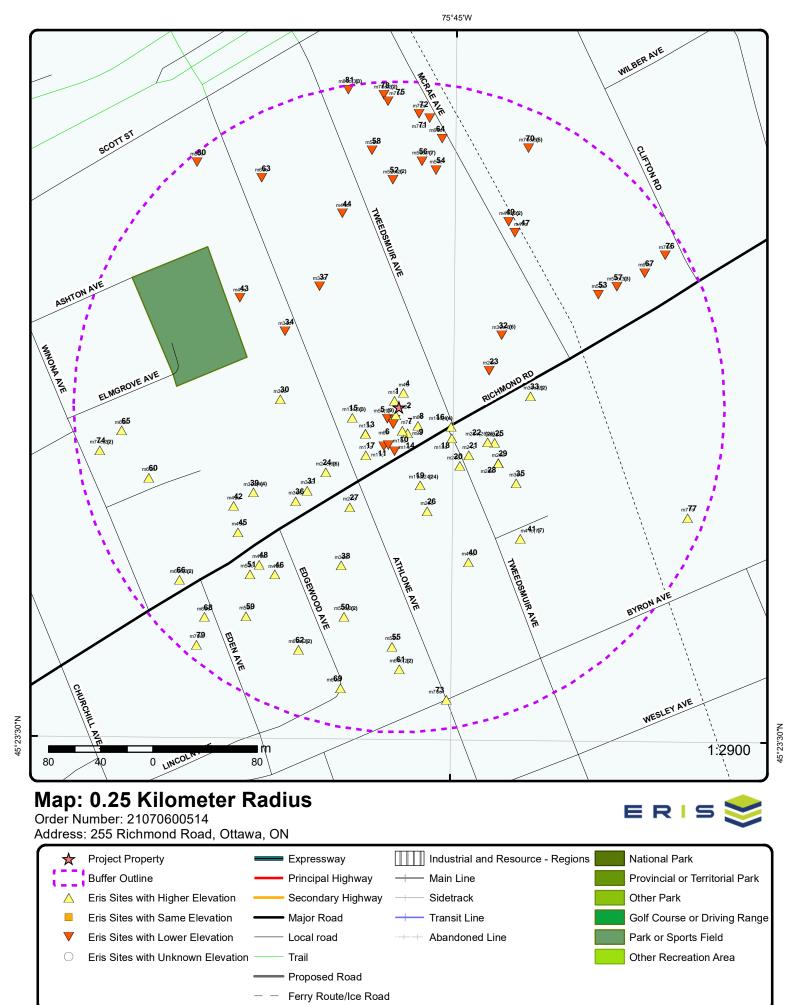
Equal/Higher Elevation

Equal/Higher Elevation	Address Well ID: 7317352	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON <i>Well ID:</i> 7224473	WSW	156.58	<u>45</u>
	298 Richmond Road Ottawa ON <b>Well ID:</b> 7346073	SW	162.04	<u>48</u>
	298 Richmond Road Ottawa ON <i>Well ID:</i> 7346074	SW	171.92	<u>51</u>
	190 RICHMOND ROAD OTTAWA ON	ESE	237.32	<u>77</u>

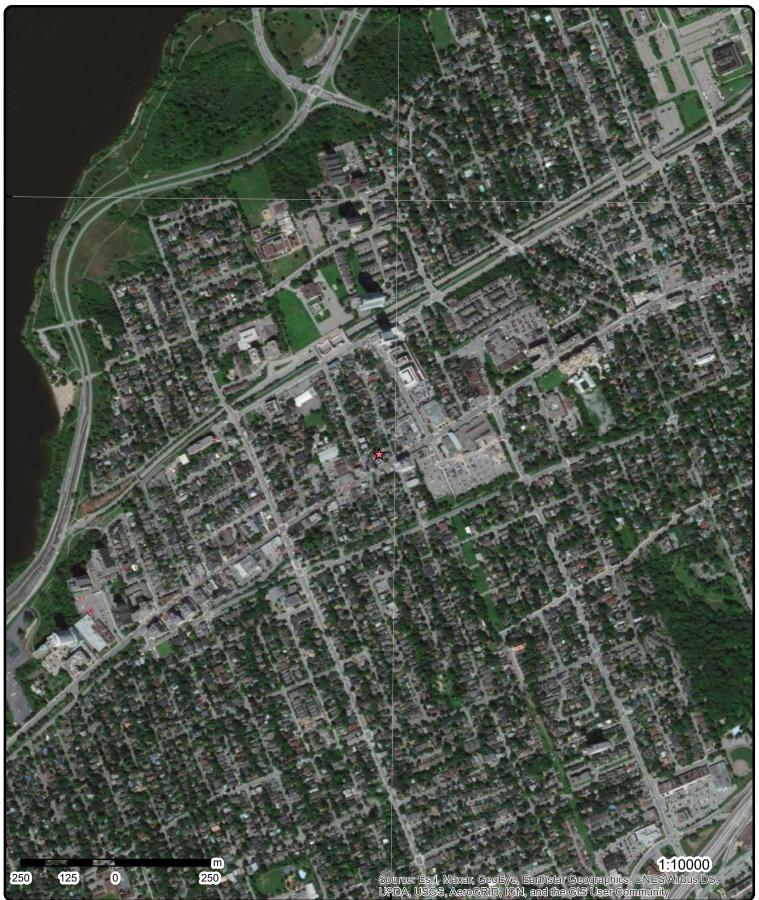
Well ID: 7264947

Lower Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
	SCOTT ST. / TWEEDSMUIR AVE. OTTAWA ON	WNW	104.86	<u>34</u>
	Well ID: 7245885			
	320 McRae Ave Ottawa ON	NNE	183.98	<u>54</u>
	Well ID: 7334764			
	1385 woodroffe Ave Ottawa ON	Ν	223.01	<u>71</u>
	Well ID: 7348381			
	320 McRae Ave Ottawa ON	Ν	225.30	<u>72</u>

Well ID: 7334765



### © ERIS Information Limited Partnership



Aerial Year: 2020

Address: 255 Richmond Road, Ottawa, ON

Source: ESRI World Imagery

45°24'N

Order Number: 21070600514

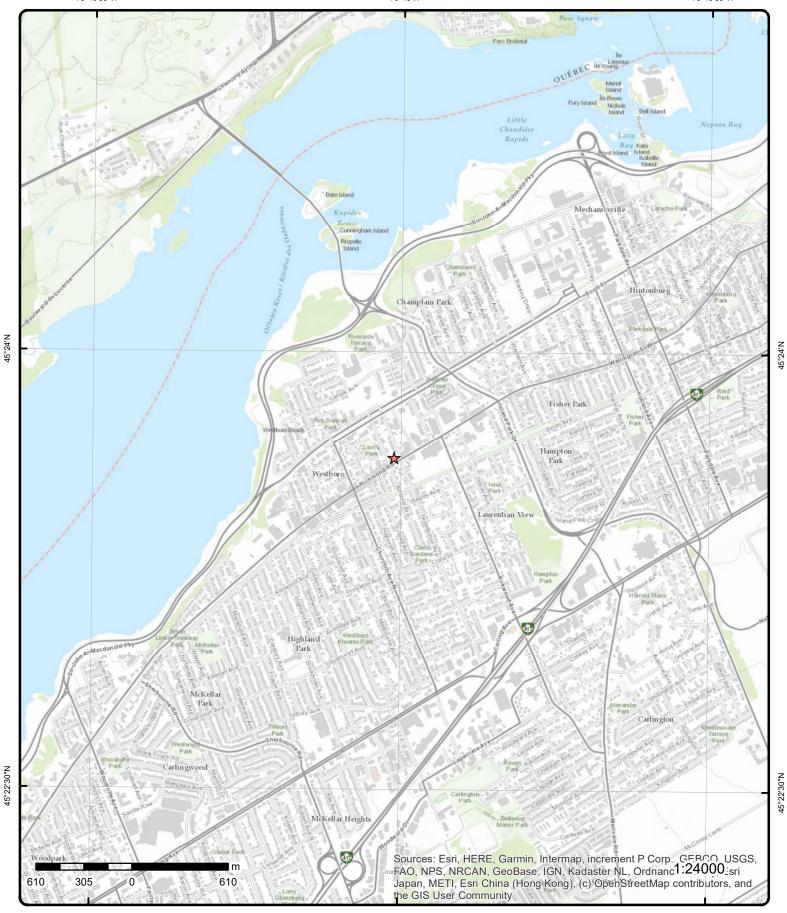
© ERIS Information Limited Partnership



45°24'N



75°43'30"W



# **Topographic Map**

# Order Number: 21070600514



Address: 255 Richmond Road, ON

Source: ESRI World Topographic Map

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# Detail Report

Map Key	Numbe Record		Elev/Diff ) (m)	Site		D
<u>1</u>	1 of 1	NW/5.9	66.9 / 0.16	255 RICHMOND RD OTTAWA ON		wwi:
Well ID:		7300863		Data Entry Status:		
Constructio	n Date:			Data Src:		
Primary Wa	ter Use:	Test Hole		Date Received:	12/5/2017	
Sec. Water l	Use:	Monitoring		Selected Flag:	True	
Final Well S	tatus:	Observation Wells		Abandonment Rec:		
Water Type:	:			Contractor:	7241	
Casing Mate	erial:			Form Version:	7	
Audit No:		Z238087		Owner:		
Tag:		A199203		Street Name:	255 RICHMOND RD	
Constructio	n			County:	OTTAWA	
Method:						
Elevation (n	n):			Municipality:	OTTAWA CITY	
Elevation Re	eliability:			Site Info:		
Depth to Be				Lot:		
Well Depth:				Concession:		
Overburden	/Bedrock:			Concession Name:		
Pump Rate:				Easting NAD83:		
Static Water	r Level:			Northing NAD83:		
Flowing (Y/I	N):			Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloud	ly:					
PDF URL (Ma	ap):	https://d2khazk8e	83rdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/730\7300863.pd	lf
Additional D	etail(s) (Ma	<u>p)</u>				
Well Comple	ted Date:	2017/10/24				
Year Comple		2017				
Depth (m):	, cour	7.9				
Latitude:		45.394006394519	97			
ongitude:		-75.75056314520				
Path:		730\7300863.pdf				
Bore Hole In	formation					
Bore Hole IL	D:	1006858117		Elevation:	65.586868	
DP2BR:				Elevrc:		
Spatial State	us:			Zone:	18	
Code OB:				East83:	441251.00	
Code OB De	esc:			North83:	5026995.00	
Open Hole:				Org CS:	UTM83	
Cluster Kind	d:			UTMRC:	4	
Date Compl		24-Oct-2017 00:00:00		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:				Location Method:	wwr	
Elevrc Desc:	÷					
Location Sol						
mprovemen		Source:				
mprovemen						
Source Revi						
Source Revis		ent:				

Supplier Comment:

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Overburden Materials Inte	and Bedrock				
Formation ID	);	1007050448			
Layer: Color:		3 2			
General Colo		GREY			
Mat1:	и.	15			
Most Commo	on Material:	LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		73			
Mat3 Desc:		HARD			
Formation To		4.5			
Formation E		7.90000095367432			
Formation E	nd Depth UOM:	m			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID	):	1007050446			
Layer:		1			
Color:		6			
General Cold	or:	BROWN			
Mat1:		06			
Most Commo	on Material:	SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3: Mat3 Desc:		66 DENSE			
Formation To	on Denth:	0.0			
Formation E		2.0			
	nd Depth UOM:	m			
<u>Overburden a</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID	):	1007050447			
Layer:		2			
Color:		2			
General Colo	or:	GREY			
Mat1:					
	n Material				
	in material.				
Mat2:	in material.				
Mat2: Mat2 Desc:		70			
Mat2: Mat2 Desc: Mat3:		73 HARD			
Mat2: Mat2 Desc: Mat3: Mat3 Desc:		HARD			
Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation El	op Depth:	HARD 2.0			
Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation El	op Depth:	HARD			
Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation El Annular Space	op Depth: nd Depth: nd Depth UOM: ce/Abandonment	HARD 2.0 4.5			
Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Te Formation El Formation El <u>Annular Spaces</u>	op Depth: nd Depth: nd Depth UOM: ce/Abandonment	HARD 2.0 4.5 m			
Mat2: Mat2 Desc: Mat3: Formation Te Formation El Formation El <u>Annular Spac</u> Sealing Recc Plug ID:	op Depth: nd Depth: nd Depth UOM: ce/Abandonment	HARD 2.0 4.5 m 1007050457			
Mat2: Mat2 Desc: Mat3: Formation To Formation El Formation El <u>Annular Spaces</u> Sealing Recco Plug ID: Layer:	op Depth: nd Depth: nd Depth UOM: ce/Abandonment	HARD 2.0 4.5 m 1007050457 1			
Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Te Formation El Formation El <u>Annular Spaces</u>	op Depth: nd Depth: nd Depth UOM: ce/Abandonment	HARD 2.0 4.5 m 1007050457			

### Annular Space/Abandonment Sealing Record

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DI
Plug ID:		1007050458			
Layer:		2			
Plug From: Plug To:		0.31000002384186 4.48999977111816			
Plug Depth U	IOM:	m			
<u>Annular Spaces Sealing Recc</u>	<u>ce/Abandonment</u> ord				
Plug ID:		1007050459			
Layer: Plug From:		3 4.48999977111816			
Plug To:		7.90000009536743			
Plug Depth U	IOM:	m			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	struction ID: struction Code:	1007050456 7			
Method Cons		7 Diamond			
Pipe Informa	<u>tion</u>				
Pipe ID:		1007050445			
Casing No:		0			
Comment: Alt Name:					
Construction	n Record - Screen				
Screen ID:		1007050453			
Layer: Slot:		1 10			
Screen Top L	Depth:	10			
Screen End I	Depth:				
Screen Mater		5			
Screen Deptl Screen Diam		m cm			
Screen Diam		4.21000003814697			
Water Details	5				
		1007050451			
Water ID:					
Water ID: Layer:					
Water ID: Layer: Kind Code:					
Water ID: Layer: Kind Code: Kind:	Depth:				
Water ID: Layer: Kind Code: Kind: Water Found	l Depth: l Depth UOM:	m			
Water ID: Layer: Kind Code: Kind: Water Found	I Depth UOM:	m			
Water ID: Layer: Kind Code: Kind: Water Found Water Found Hole Diamete Hole ID:	I Depth UOM:	1007050450			
Water ID: Layer: Kind Code: Kind: Water Found Water Found Hole Diamete Hole ID: Diameter:	l Depth UOM: <u>er</u>	1007050450 5.599999904632568	3		
Water ID: Layer: Kind Code: Kind: Water Found Water Found Mater Found Diameter: Depth From: Depth From:	l Depth UOM: <u>er</u>	1007050450	3		
Water ID: Layer: Kind Code: Kind: Water Found Water Found Mater Found Hole Diameter Diameter: Depth From:	I Depth UOM: er IOM:	1007050450 5.599999904632568 2.1700000762939453	3		

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Hole Diameter							
Hole ID: Diameter: Depth From: Depth To: Hole Depth UO Hole Diameter			1007050449 8.25 0.0 2.17000007629394 m cm	53			
<u>2</u>	1 of 1		SSW/6.7	66.8 / 0.08	255 RICHMOND RD OTTAWA ON		WWIS
Well ID: Construction I Primary Water Sec. Water Us Final Well Stat Water Type: Casing Materia Audit No: Tag: Construction Method: Elevation (m): Elevation Relia Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:	r Use: se: tus: jal: jability: rock: Bedrock: .evel:	7300862 Test Hole Monitoring Observati Z238059 A190996	9		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/5/2017 True 7241 7 255 RICHMOND RD OTTAWA OTTAWA CITY	
PDF URL (Map			https://d2khazk8e8	3rdv.cloudfront.n	et/moe_mapping/downloads/2	2Water/Wells_pdfs/730\7300862.pdf	
Additional Deta	ail(s) (Map	ц)					
Well Complete Year Complete Depth (m): Latitude:			2017/10/24 2017 7.62 45.3939074726371				

### Bore Hole Information

Longitude:

Path:

Bore Hole ID: DP2BR:	1006858114	Elevation: Elevrc:	65.692939
Spatial Status:		Zone:	18
Code OB:		East83:	441252.00
Code OB Desc:		North83:	5026984.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	24-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 Method: Source Revision Comment: Supplier Comment:

Improvement Location Source:

-75.750549059939 730\7300862.pdf

### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	1007050431 1 2 GREY 11 GRAVEL
Mat2 Desc: Mat3: Mat3 Desc:	73 HARD
Formation Top Depth:	ПАКД 0.0
Formation End Depth: Formation End Depth UOM:	1.0 ft

### Overburden and Bedrock

Materials Interval

1007050432 2 6 BROWN 28 SAND 11 GRAVEL 85 SOFT 1.0 9.0
ft

## Overburden and Bedrock

Materials Interval

Formation ID:	1007050433
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material: Mat2: Mat2 Desc:	LIMESTONE
<i>Mat3:</i>	73
Mat3 Desc:	HARD
Formation Top Depth:	9.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

### <u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	1007050444
Layer:	3
Plug From:	14
Plug To:	25
Plug Depth UOM:	ft

#### Annular Space/Abandonment

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Sealing Record	<u>d</u>				
Plug ID:		1007050442			
Layer:		1			
Plug From:		0			
Plug To: Plug Depth UC	л <i>и</i> -	1 ft			
Flug Depth OC	////.	п			
<u>Annular Space</u> <u>Sealing Recore</u>	e/Abandonment_ d				
Plug ID:		1007050443			
Layer:		2			
Plug From:		1			
Plug To:		14			
Plug Depth UC	)///:	ft			
<u>Method of Con</u> Use	nstruction & Well	-			
Method Const	ruction ID:	1007050441			
Method Const	ruction Code:	D			
Method Const		Direct Push			
Other Method	Construction:				
Pipe Information	<u>on</u>				
Pipe ID:		1007050430			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction I</u>	<u> Record - Screen</u>				
Screen ID:		1007050438			
Layer:		1			
Slot:		10			
Screen Top De Screen End De	epth:	15 25			
Screen End De		5			
Screen Depth		ft			
Screen Diamet	ter UOM:	inch			
Screen Diamet	ter:	1.6599999666214			
<u>Water Details</u>					
Water ID:		1007050436			
Layer:					
Kind Code:					
Kind: Water Found L	Denth:				
Water Found L	Depth UOM	ft			
		in and the second se			
<u>Hole Diameter</u>					
Hole ID:		1007050434			
Diameter:		2.875			
Depth From:		0.0			
Depth To: Hole Depth UC	<i>M</i> .	9.0 ft			
	/111.				
Hole Diameter	UOM:	inch			

Map Key Number Records				Site	Site		
Hole Diamete	r						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete		1007050435 2.375 9.0 25.0 ft inch					
<u>3</u>	1 of 1	SSW/10.4	66.7/ 0.00	255 Richmond Rd Ottawa ON K1Z6X1		EHS	
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional Inf	ed: e Name: Size:	20170719027 C Standard Report 25-JUL-17 19-JUL-17		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.750559 45.393875		
<u>4</u>	1 of 1	NNE/11.3	66.8 / 0.08	255 RICHMOND RD OTTAWA ON		WWIS	
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Method: Elevation (m) Elevation Rei Depth to Bed Well Depth: Overburden// Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy PDF URL (Ma)	er Use: Ise: atus: rial: liability: liability: liability: Bedrock: Bedrock: Level: ):	7300858 Test Hole Monitoring Observation Wells Z206457 A182637 https://d2khaz	k8e83rdv.cloudfront.	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/5/2017 True 7241 7 255 RICHMOND RD OTTAWA OTTAWA CITY 2Water/Wells_pdfs/730\7300858.p	odf	
Additional De Well Complet Year Complet Depth (m): Latitude: Longitude: Path:	ed Date:	2) 2017/10/16 2017 7.62 45.394060985 -75.75047443 730\7300858.]	74109				

### Bore Hole Information

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
•	s: ted: 16-Oct-20 rce Date: Location Source: Location Method: fon Comment:	02 017 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	65.766708 18 441258.00 5027001.00 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Overburden a</u> Materials Inte						
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	: n Material: o Depth: d Depth:	1007050376 2 6 BROWN 28 SAND 11 GRAVEL 85 SOFT 0.310000002384185 2.130000114440918 m				
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	: n Material: o Depth: d Depth:	1007050375 1 6 BROWN 02 TOPSOIL 77 LOOSE 0.0 0.310000002384185 m	58			
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID: Layer: Color: General Color Mat1: Most Commol Mat2: Mat2 Desc: Mat3 Desc:	: n Material:	1007050377 3 2 GREY 15 LIMESTONE 17 SHALE 74 LAYERED				

52

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation To Formation En Formation En		2.130000114440918 7.619999885559082 m			
	a Depar Com.				
<u>Annular Spac</u> Sealing Reco	<u>e/Abandonment</u> <u>rd</u>				
Plug ID:		1007050387			
Layer: Plug From:		2 0.31000002384186			
Plug To:		4.26999998092651			
Plug Depth U	OM:	m			
<u>Annular Spac</u> Sealing Reco	<u>e/Abandonment</u> <u>rd</u>				
Plug ID:		1007050388			
Layer:		3			
Plug From: Plug To:		4.26999998092651 7.61999988555908			
Plug Depth U	ОМ:	m			
Annular Spac Sealing Reco	e/Abandonment rd				
Plug ID:		1007050386			
Layer:		1			
Plug From: Plug To:		0 0.31000002384186			
Plug Depth U	ОМ:	m			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction ID:	1007050385			
	truction Code:	5			
Method Cons Other Method	truction: Construction:	Air Percussion			
Pipe Informat	tion				
Pipe ID:		1007050374			
Casing No:		0			
Comment: Alt Name:					
<u>Construction</u>	Record - Screen				
Screen ID:		1007050382			
Layer: Slot:		1 10			
Siot. Screen Top D	Pepth:	4.57000017166138			
Screen End D	Depth:	7.61999988555908			
Screen Mater		5 m			
Corner Der th		m			
Screen Depth Screen Diame		cm			

### Water Details

Мар Кеу	Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Water ID: Layer: Kind Code: Kind:		1007050380			
Water Found Water Found		: m			
Hole Diamete	<u>er</u>				
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	IOM:	1007050378 11.430000305175 0.0 3.09999999046325 m cm			
Hole Diamete	<u>er</u>				
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	JOM:	1007050379 7.6199998855590 3.09999999046325 1.6200000047683 m cm	5684		
<u>5</u>	1 of 9	SW/12.8	66.7/ 0.00	Lusitania Collision Center (1996) Limited 255 Richmond road Ottawa Ontario Ottawa ON	EBR
EBR Registr Ministry Ref Notice Type: Notice Stage Notice Date: Proposal Da	No: : e: :	IA03E1015 2830-5P9NYS Instrument Decision April 02, 2004 July 15, 2003		Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:	
Year: Instrument T Off Instrume	ype:	2003 (EPA s. 9) - Appro	oval for discharge i	nto the natural environment other than water (i.e. Air)	
Posted By: Company Na Site Address Location Oth		Lusitania Collisior	n Center (1996) Lin	nited	
Proponent Na Proponent A Comment Pe URL:	ddress:	255 Richmond Rc	ad, Ottawa Ontario	o, K1Z 6X1	
Site Location	n Details:				
255 Richmond	d road Ottawa	a Ontario Ottawa			
5	2 of 9	SW/12.8	66.7/ 0.00	255 Richmond Road Ottawa ON K1Z 6X1	EHS
Order No: Status:		20081003007 C		Nearest Intersection: Municipality	

Order No: Status: Report Type: Report Date: Date Received: Previous Site Name:

C Standard Report 10/14/2008 10/3/2008 Municipality: Client Prov/State: Search Radius (km): X: Y:

Order No: 21070600514

ON

0.25 -75.750479

45.393735

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Additional In		:	Fire Insur. Maps a	nd/or Site Plans		
<u>5</u>	3 of 9		SW/12.8	66.7 / 0.00	Lusitania Collision Center (1996) Limited 255 Richmond road Ottawa ON K1Z 6X1	СА
Certificate #. Application Issue Date: Approval Ty, Status: Application Client Name. Client Addre Client City: Client Postal Project Desta Contaminant Emission Co	Year: pe: Type: : sss: I Code: cription: ts:		8610-5XFJMF 2004 3/26/2004 Air Approved			
<u>5</u>	4 of 9		SW/12.8	66.7/ 0.00	Tall Tree Technologies Inc. 255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	GEN
Generator N	lo:	ON3292	2507		PO Box No:	
Status: Approval Ye Contam. Fac MHSW Facil	cility:	2009			Country: Choice of Contact: Co Admin: Phone No Admin:	
SIC Code: SIC Descript	tion:	451110	Sporting Goods S	tores		
<u>Detail(s)</u>						
Waste Class Waste Class			251 OIL SKIMMINGS	& SLUDGES		
<u>5</u>	5 of 9		SW/12.8	66.7 / 0.00	Tall Tree Technologies Inc. 255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	GEN
Generator N Status:	lo:	ON3292	2507		PO Box No: Country:	
Approval Ye Contam. Fac	cility:	2011			Choice of Contact: Co Admin:	
MHSW Facil SIC Code: SIC Descript	-	451110			Phone No Admin:	
<u>Detail(s)</u>						
Waste Class Waste Class			251 OIL SKIMMINGS	& SLUDGES		
<u>5</u>	6 of 9		SW/12.8	66.7/0.00	Tall Tree Technologies Inc. 255 Richmond Rd. Unit 1 Ottawa ON K1Z 6X1	GEN

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Generator N Status: Approval Ye Contam. Fac MHSW Facill SIC Code: SIC Descripti	ars: :ility: ity:	ON32925 2012 451110	507 Sporting Goods St	0765	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
Sic Descripti	011.		Sporting Goods St	ores			
<u>Detail(s)</u>							
Waste Class: Waste Class			251 OIL SKIMMINGS &	& SLUDGES			
<u>5</u>	7 of 9		SW/12.8	66.7/0.00	Tall Tree Technologie 255 Richmond Rd. Un Ottawa ON		GEN
Generator N Status:	o:	ON32925	507		PO Box No: Country:		
Approval Ye Contam. Fac		2013			Choice of Contact: Co Admin:		
MHSW Facili SIC Code: SIC Descripti	•	451110	SPORTING GOOD	DS STORES	Phone No Admin:		
<u>Detail(s)</u>							
Waste Class: Waste Class			251 OIL SKIMMINGS 8	& SLUDGES			
<u>5</u>	8 of 9		SW/12.8	66.7/ 0.00	Lusitania Collision Ce 255 Richmond road Ottawa ON K1Z 6X1	enter (1996) Limited	ECA
Approval No Approval Da Status: Record Type Link Source. SWP Area N Approval Type Project Type.	te: 2: : ame: 5e:	8610-5XI 2004-03- Approved ECA IDS Rideau V	26 J		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	Ottawa -75.750565 45.39386	
Business Na Address: Full Address Full PDF Link	:		Lusitania Collision 255 Richmond roa https://www.access	d	nited .gov.on.ca/instruments/2830-	5P9NYS-14.pdf	
5	9 of 9		SW/12.8	66.7/ 0.00	255 Richmond Rd Ottawa; Ottawa ON N	VA	SPL
Ref No: Site No: Incident Dt: Year: Incident Cau Incident Eve		6084-BB NA; 0874 4/11/201	1-5JVLVA		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved:	0 - No Impact	
Contaminan Contaminan Contaminan Contam Lim	t Code: t Name: t Limit 1:				Nearest Watercourse: Site Address: Site District Office: Site Postal Code:	255 Richmond Rd Ottawa; Ottawa NA	

Map Key	Number o Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Contaminant	UN No				Site Region:	Eastern	
1:							
Environment	Impact:				Site Municipality:	Ottawa; Ottawa	
Nature of Imp	act:				Site Lot:		
Receiving Me	dium:				Site Conc:	NA	
Receiving En	v:				Northing:	NA	
MOE Respons	se:	No			Easting:	NA	
Dt MOE Arvl o					Site Geo Ref Accu:	NA	
MOE Reporte	d Dt:	4/11/2019			Site Map Datum:	NA	
Dt Document		4/29/2019			SAC Action Class:		
Incident Reas	ion:				Source Type:		
Site Name:		2	36 Richmond Road	<pre>d<unofficial></unofficial></pre>	; Lusitania Collision Center		
Site County/Di	istrict:	Ν	IA				
Site Geo Ref M		Ν	IA				
Incident Summ	narv:	C	Contaminated Site -	Potential Off-Sit	e Impacts		
Contaminant (	•						

<u>6</u>	1 of 1	SSW/14.0	66.7 / 0.00	255 RICHMOND RD OTTAWA ON		WWIS
Well ID:		7300860		Data Entry Status:		
	tion Date:			Data Src:		
Primary I	Water Use:	Test Hole		Date Received:	12/5/2017	
Sec. Wat		Monitoring		Selected Flag:	True	
Final We	ll Status:	Observation Wells		Abandonment Rec:		
Water Ty	pe:			Contractor:	7241	
Casing N	laterial:			Form Version:	7	
Audit No.	:	Z206459		Owner:		
Tag:		A182639		Street Name:	255 RICHMOND RD	
Construc	tion			County:	OTTAWA	
Method:				-		
Elevation	n (m):			Municipality:	OTTAWA CITY	
Elevation	Reliability:			Site Info:		
Depth to	Bedrock:			Lot:		
Well Dep	th:			Concession:		
Overburg	den/Bedrock:			Concession Name:		
Pump Ra	nte:			Easting NAD83:		
Static Wa	ater Level:			Northing NAD83:		
Flowing (	(Y/N):			Zone:		
Flow Rat				UTM Reliability:		
Clear/Clo	oudy:					
	<i>(</i>		00 1 1 1 1		2) Mata # (Malla	

### PDF URL (Map):

 $https://d2 khazk8e83 rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/730\7300860.pdf$ 

### 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: DP2BR:	1006858108	Elevation: Elevrc:	65.746757
Spatial Status:		Zone:	18
Code OB:		East83:	441250.00
Code OB Desc:		North83:	5026977.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Improvement	rce Date: Location Source: Location Method: ion Comment:	-2017 00:00:00		UTMRC Desc: Location Method:	margin of error : 30 m - 100 m wwr	
<u>Overburden a</u> Materials Inte						
Formation ID: Layer: Color: General Coloi		1007050405 2 2 GREY				
Mat1: Most Commo Mat2:		15 LIMESTONE 17				
<i>Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En Formation En</i>	p Depth: d Depth: d Depth UOM:	SHALE 74 LAYERED 2.130000114440918 10.359999656677246 m	6			
Overburden a Materials Inte						
Formation ID: Layer: Color: General Color Mat1: Most Commo. Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En	r: n Material: p Depth:	1007050404 1 6 BROWN 28 SAND 11 GRAVEL 85 SOFT 0.0 2.130000114440918 m				
<u>Annular Spac</u> Sealing Recol	e/Abandonment rd					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1007050416 3 7.01000022888184 10.3599996566772 m				
Annular Spac Sealing Reco	e/Abandonment rd					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ом:	1007050414 1 0 0.310000002384186 m				
Annular Spac	e/Abandonment					
58	erisinfo.com   Env	vironmental Risk Inforr	mation Servic	es	Order No: 2107	060051

Map Key	Number of Records	Direction/ Elev/ Distance (m) (m)	Diff Site	DE
Sealing Reco	ord			
Plug ID:		1007050415		
Layer:		2		
Plug From: Plug To:		0.31000002384186 7.01000022888184		
Plug Depth U	IOM:	m		
	•••••			
<u>Method of Co</u> <u>Use</u>	onstruction & Well			
Method Cons		1007050413		
Method Cons Method Cons	struction Code:	5 Air Derevenien		
	d Construction:	Air Percussion		
<u>Pipe Informa</u>	tion			
Pipe ID:		1007050403		
Casing No:		0		
Comment: Alt Name:				
<u>Construction</u>	n Record - Screen			
Screen ID:		1007050410		
Layer:		1		
Slot: Screen Top L	Denth:	10 7.30999994277954		
Screen End L		10.3599996566772		
Screen Mater		5		
Screen Dept		m		
Screen Diam	eter UOM:	cm		
Screen Diam	eter:	4.82000017166138		
Water Details	5			
Water ID:		1007050408		
Layer:				
Kind Code:				
Kind: Water Found	Donthi			
Water Found		m		
<u>Hole Diamete</u>	<u>er</u>			
Hole ID:		1007050407		
Diameter:		7.619999885559082		
Depth From:		3.0999999046325684		
Depth To: Hole Depth U	IOM·	10.359999656677246 m		
Hole Diamete		cm		
Hole Diamete	<u>ər</u>			
Hole ID:		1007050406		
Diameter:		11.430000305175781		
Depth From:		0.0		
Depth To:		3.0999999046325684		
Hole Depth U	IOM:	m		
Hole Diamete	er UUW:	cm		
	ariainfa anna I Env	vironmental Rick Information	<b>2</b> ·	Order No: 2107060051

71 orWell ID:Construction DatePrimary Water Use:Sec. Water Use:Final Well Status:Water Type:Casing Material:Audit No:Tag:ConstructionMethod:Elevation ReliabiliDepth to Bedrock:Well Depth:Overburden/BedroPump Rate:Static Water LevelFlowing (Y/N):Flow Rate:Clear/Cloudy:PDF URL (Map):Additional Detail(sVeell Completed DateDepth (m):.atitude:	7115803 e: Monitorin : Test Hole M02900 A074567 lity: ::	•	66.8 / 0.09	255 RICHMOND ROA Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name:	11/24/2008 True 1844 5 255 RICHMOND ROAD OTTAWA OTTAWA CITY	WWI
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.ongitude: Path:	ate:	2008/10/17 2008 7.5 45.393799885986 -75.75048375713 711\7115803.pdf				
Bore Hole Informa	ation					
Bore Hole ID:	1001905	250		Elevation:	66.004470	
DP2BR:				Elevrc:		
Spatial Status:				Zone:	18	
Code OB:				East83:	441257.00	
Code OB Desc:	Nie			North83:	5026972.00	
Open Hole:	No			Org CS: UTMRC:	UTM83	
Cluster Kind: Date Completed:	17 Oct 20	008 00:00:00		UTMRC: UTMRC Desc:	3 margin of error : 10 - 30 m	
Remarks:	17-001-20	008 00.00.00		Location Method:	wwr	
Elevrc Desc:				Location method.	WW1	
ocation Source D	Date:					
mprovement Loca						
mprovement Loca						
Source Revision C						
Supplier Comment	t:					
<u>Dverburden and B</u> Materials Interval	Bedrock					
Formation ID:		1002783022				
ayer:		2				
Color:		6				
General Color:		BROWN				

60

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		01			
Most Commo Mat2:	on Materiai:	FILL 13			
Mat2 Desc:		BOULDERS			
Mat2 Desc. Mat3:		DOOLDEINO			
Mat3 Desc:					
Formation To	op Depth:	2.299999952316284			
Formation Er		4.5			
Formation Er	nd Depth UOM:	m			
<u>Overburden a</u> Materials Inte					
Formation ID	÷	1002783021			
Layer:		1			
Color:		6			
General Colo	r:	BROWN			
Mat1:	•• • • •	01			
Most Commo	on Material:	FILL			
Mat2: Mat2 Desc:		28 SAND			
Matz Desc. Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation To	op Depth:	0.0			
Formation Er		2.299999952316284			
	nd Depth UOM:	m			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID	:	1002783023			
Layer:		3			
Color:		2			
General Colo	r:	GREY			
Mat1:		26			
Most Commo	on Material:	ROCK			
Mat2:					
Mat2 Desc: Mat3:		LIMESTONE			
Mats. Mats Desc:					
Formation To	op Depth:	4.5			
Formation Er		7.5			
	nd Depth UOM:	m			
<u>Annular Spac</u> Sealing Reco	ce/Abandonment ord				
Plug ID:		1002783026			
Layer:		1			
Plug From:		0			
Plug To:		0.300000011920929			
Plug Depth U	IOM:	m			
<u>Annular Spac</u> Sealing Reco	ce/Abandonment ord				
Plug ID:		1002783027			
Layer:		2			
Plug From: Plug To:		4.80000019073486 5			
Plug To: Plug Depth U	IOM·	o m			
		111			

Method of Construction Use Method Construction Method Construction Method Construction Other Method Construction Other Method Construction Other Method Construction Other Method Construction Other Method Construction Comment: Alt Name: Construction Record - Screen ID: Layer: Slot: Screen Top Depth: Screen Top Depth: Screen Diameter Screen Diameter UOM Screen Diameter Screen Diameter: Results of Well Yield 1 Pump Test ID: Pump Set At: Static Level: Final Level After Pump Recommended Pump Pumping Rate: Flowing Rate: Recommended Pump Levels UOM: Rate UOM: Water State After Test Water State After Test Water State After Test Pumping Duration MIN Flowing:	D: 1002783030 Code: 7 Diamond Action: HSA 1002783019 0 Screen 1002783028 1 10 5 m cm 5.800000190734 Testing 1002783020 6.699999809265		
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Results of Well Yield 1 Pump Test ID: Pump Set At: Static Level: Final Level After Pump Recommended Pump Pumping Rate: Flowing Rate: Recommended Pump Levels UOM: Rate UOM: Water State After Test Pumping Test Method Pumping Duration HR. Pumping Duration MIN	<b>"esting</b> 1002783020 6.699999809265 <b>Ding:</b>		
Pump Test ID: Pump Set At: Static Level: Final Level After Pump Recommended Pump Pumping Rate: Flowing Rate: Recommended Pump Levels UOM: Water State After Test Water State After Test Pumping Test Method Pumping Duration HR. Pumping Duration MIN	1002783020 6.699999809265 <b>bing:</b>	5137	
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Final Level After Pump Recommended Pump Pumping Rate: Flowing Rate: Recommended Pump Levels UOM: Rate UOM: Water State After Test Water State After Test Pumping Test Method Pumping Duration HR Pumping Duration MIN	ping:	5137	
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Pumping Rate: Flowing Rate: Recommended Pump Levels UOM: Rate UOM: Water State After Test Water State After Test Pumping Test Method Pumping Duration HR Pumping Duration MIN			
Flowing Rate: Recommended Pump Levels UOM: Rate UOM: Water State After Test Water State After Test Pumping Test Method Pumping Duration HR Pumping Duration MIN	Depth:		
Recommended Pump Levels UOM: Rate UOM: Water State After Test Water State After Test Pumping Test Method Pumping Duration HR Pumping Duration MIN			
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Water State After Test Pumping Test Method Pumping Duration HR Pumping Duration MIN			
Pumping Test Method Pumping Duration HR. Pumping Duration MIN	<b>Code:</b> 0		
Pumping Duration HR Pumping Duration MIN			
Pumping Duration MIN	: 0		
	l:		
<u>Hole Diameter</u>			
Hole ID:	1002783024		
Diameter:	20.0		
Depth From:	0.0		
Depth To:	4.570000171661	1377	
Hole Depth UOM:	m		
Hole Diameter UOM:	cm		
Hole Diameter			
Hole ID:	1002783025		
Diameter:	10.0		
Depth From:	4.570000171661	1377	
Depth To:	7.5		
Hole Depth UOM:	m		

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Hole Diamete	er UOM:	Cr	n				
<u>8</u>	1 of 1		SE/20.3	66.8 / 0.09	255 RICHMOND RD OTTAWA ON		www
Well ID:		7300859			Data Entry Status:		
Construction	1 Date:				Data Src:		
Primary Wate		Test Hole			Date Received:	12/5/2017	
Sec. Water U		Monitoring			Selected Flag:	True	
Final Well St		Observation	n Wells		Abandonment Rec:		
Water Type:					Contractor:	7241	
Casing Mate	rial·				Form Version:	7	
Audit No:		Z206458			Owner:		
Tag:		A182638			Street Name:	255 RICHMOND RD	
Construction	1				County:	OTTAWA	
Method:	•				countyr	••••••	
Elevation (m	)-				Municipality:	OTTAWA CITY	
Elevation Re					Site Info:	•••••••••	
Depth to Bec					Lot:		
Well Depth:					Concession:		
Overburden/	Bedrock <sup>.</sup>				Concession Name:		
Pump Rate:	200/00/11				Easting NAD83:		
Static Water	I ovol.				Northing NAD83:		
Flowing (Y/N					Zone:		
Flow Rate:	·)-				UTM Reliability:		
Clear/Cloudy	<i>ı</i> :				o nin Kenabinty.		
PDF URL (Ma	ıp):	ht	ttps://d2khazk8e83	Brdv.cloudfront.n	et/moe_mapping/downloads/2	2Water/Wells_pdfs/730\7300859.pdf	
Additional De	etail(s) (Ma	<u>p)</u>					
Well Complet		20	017/10/16				
Year Comple		20	017				
Depth (m):		1(	0.06				
Latitude:		4	5.3938368952678				
Longitude:		-7	75.7503309382317	7			
Path:		7'	30\7300859.pdf				

## Bore Hole Information

Bore Hole ID:	1006858105	Elevation:	66.196189
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441269.00
Code OB Desc:		North83:	5026976.00
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	n Source:		
Improvement Location	n Method:		
Source Revision Com	iment:		
Supplier Comment:			

## Overburden and Bedrock Materials Interval

 Formation ID:
 1007050391

 Layer:
 2

 Color:
 2

General Color:         GREY           Mat:         15           Most Common Material:         LIMESTONIE           Mat2         17           Mat2 Desc:         SHALE           Mat3         T4           Mat3         T4           Mat3         T4           Mat3 Desc:         SHALE           Formation Top Depth:         LAYERED           Ororbunden and Bedrock         Mat20000198167           Formation ID:         1007050390           Layer:         1           Color:         B           General Color:         BROWN           Mat2         SAND           Formation Top Depth:         D.0           Formation Find Depth:         D.0 <th>Map Key Numbe Record</th> <th></th> <th>Elev/Diff (m)</th> <th>Site</th> <th>DI</th>	Map Key Numbe Record		Elev/Diff (m)	Site	DI
Mark 2:         LIME STONE           Mark 2:         7           Mark 2:         74           Mark 2:         74           Mark 2:         74           Mark 2:         14           Promation End Depth UOM:         1           Destination End Depth UOM:         1           Destination End Depth UOM:         1           Optimized Color:         6           General Color:         BROWN           Mark 2:         28           Mark 2:         SAND           Mark 2:         SAND           Mark 2:         SAND           Mark 3:         SAND           Mark 2:         SAND <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
Match         17           Match         74           Match         74           Match         74           Match         74           Match         244100057220453           Formation Top Depth:         244000057220453           Formation End Depth         10000057220453           Formation End Depth         10000057220453           Match         m           Overlander and Bedrock.         Sama           Match         8           Formation End Depth         1007050300           Layer:         6           Goneral Color:         8           Goneral Color:         8           Goneral Color:         8           Match         8           Goneral Color:         20           Match         8           Goneral Color:         8           Match         85           Goneral Color:         0           Match         85           Goneral Color:         0           Match         85           Goneral Color:         0           Match         9           Match         9           Goneral Color: <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
War2 Desc:         SHALE           War3 Desc:         A           War3 Desc:         LAYERED           Formation End Dapht:         100600001520459           Formation End Dapht:         1007050390           Downburden and Bodrock.         m           War3 Desc:         1           Downburden and Bodrock.         1           Wats Desc:         1           Downburden and Bodrock.         1           Semail Color:         B           Semail Color:         BOWN           Mart:         28           Semail Color:         BOWN           War3:         SO           Semail Color:         BOWN           War3:         SO           Semail Color:         BOWN           War4:         SO           Semail Color:         SO           War3:         SO           War3:         SO           War3:         SO           Semailer:         SO           Formation End Depth:         2.4000005720459           Formation End Depth:         0.010000002384186           Plug Forn:         0.3100000002384186           Plug Forn:         0.3100000002384186					
Marka Desc:         LAYERED           Sommation End Depth:         2.44000057220459           Sommation End Depth UOM:         m           Destruction and Bedrock.         m           Materials Interval         1007050390           Sommation End Depth UOM:         m           Destruction and Bedrock.         1007050390           Ager:         1           Sommation ID:         1007050390           Sommation ID:         28           Sommation ID:         1007050390           Sommation ID:         28           Sommation ID:         1007050390           Sommation ID:         28           Sommation ID:         000000000000000000000000000000000000					
Formation Top Depth:         2.440000057220459           Formation End Depth:         10.0650004195157           Formation End Depth:         10.0650004195157           Formation End Depth:         10.0650004195157           Statistic Interval         6           Formation ID:         6           Semeral Color:         BR/VNN           Wat:         2.8           Materials Interval         6           Semeral Color:         BR/VNN           Wat:         0.5           Wat:         CLVY           Wat:         0.5           Wat:         0.07050400           Wat:         0.1007050402					
Formation End Depth:         10.060004198167           Formation End Depth UOM:         m           Diverburden and Bedrock.         Materialis Interval           Materialis Interval         1007050390           Lyper:         1           Doverburden and Bedrock.         BROWN           Materialis Interval         6           Bonead Color:         BROWN           Wat:         28           Most Common Material:         SAND           Mat2 Desc:         05           Mat2 Desc:         05           Wat2:         SOFT           Formation Top Depth:         0.0           Formation Find Depth:         0.1           Formation Find Depth:         0.2           Formation Find Depth:         0.0           Plug Fior:         1007050400           Lyper:         1           Plug Porn:         0.710000002384186           Plug Depth UOM:         m           Annular Space/Abandonment.           Saling Record           Plug			-0		
Formation End Depth UOM:         m           Ovarburden and Bedrock. Materials Interval         007050390           Formation ID:         1007050390           Caper:         6           Color:         6           Color:         6           Materials Interval         6           Materials Interval         6           Material:         5           Material:         6           Materi Deepth UOM:         m <tr< td=""><td></td><td></td><td></td><td></td><td></td></tr<>					
Waterials Interval           Formation ID:         1007050390           Layer:         6           Color:         6           General Color:         8           Wat:         28           Most Common Material:         SAND           Mat2:         05           Mat2:         05           Mat2:         05           Mat2:         05           Mat3:         85           Formation To Depth:         0.0           Formation To Depth:         0.1           Formation End Depth UOM:         m           Annular Space/Abandonment         Saling Record           Plug ID:         1007050400           Layer:         1           Plug Form:         0           Nug Form:         0           Plug Point:         0.31000002384186           Plug Port:         1007050402           Layer:         3           Plug ID:         1007050402           Layer:         3           Plug Form:         6.71000003814687           Plug Form:         0.310000023841867           Plug Depth UOM:         m           Annular Space/Abandonment         Saling Record	Formation End Depth L				
Layer:       1         Color:       6         General Color:       BROWN         Mat:       28         Most Common Material:       SAND         Mat:       05         Formation Top Depth:       0.0         Formation End Depth:       0.40000057220459         Formation End Depth:       0.400000057220459         Formation End Depth:       0.400000000000000000000000000000000000		<u>ck</u>			
Color: 6 General Color: 8 General Color: 8 General Color: 9 Mart: 2 SaND Mart: 6 SAND Mart: 6 SAND MA					
General Color:         BROWN           Wat1:         28           Was1 Common Material:         SAND           Was2         05           Was2         CLAY           Was3 Desc:         CLAY           Was3 Desc:         SOFT           Formation Top Depth:         0.0           Formation Top Depth:         0.4           Commation End Depth UOM:         m           Annular Space/Abandonment.         2.440000057220459           Formation End Depth UOM:         m           Annular Space/Abandonment.         2.4400000057220459           Formation End Depth UOM:         m           Annular Space/Abandonment.         2.4400000002384186           Plug To:         1007050400           Layer:         1           Plug To:         0.000002384186           Plug To:         1007050402           Layer:         3           Plug To:         1007050401           Layer:         1           Plug To:         1007050401           Layer:         2           Plug To:         1007050401           Layer:         3           Plug To:         1007050401           Layer:         2 <td></td> <td></td> <td></td> <td></td> <td></td>					
Watt:         28           Wost Common Material:         SAND           Watz:         05           Watz:         SAND           Watz:         05           Watz:         SAND           Sanding Record         NO7050400           Purg:         To:           Purg:         To:           Sanding Record         NO7050402           Purg:         Sanding Record           Purg:         To:           Sanding Record         ST0000023841867           Purg:         To:         10000502401           Purg:         Sanding Record         Sanding Record           Purg:         To:					
West Common Material:         SAND           Wat2:         05           Wat2 Desc:         CLAY           Wat3:         85           Wat3:         2.440000057220459           Formation End Depth:         2.440000057220459           Formation End Depth:         8.4000000000000000000000000000000000000					
Wat2 Desc:         CLAY           Wat3 Desc:         S5           Wat3 Desc:         SOFT           Formation Top Depth:         0.0           Formation Top Depth:         2.440000057220459           Formation End Depth:         0           Plug ID:         1007050400           Layer:         1           Plug To:         0.310000002384186           Plug Depth UOM:         m           Annular Space/Abandonment         Saling Record           Plug To:         1007050402           Layer:         3           Plug To:         10.0600004186167           Plug Depth UOM:         m           Annular Space/Abandonment         Saling Record           Plug ID:         1007050401           Layer:         2           Plug Form:         0.310000002384186           Plug To:         0.310000002384186           Plug To:         0.3100000023841867           Plug Depth UOM:         m <t< td=""><td>Most Common Materia</td><td>SAND</td><td></td><td></td><td></td></t<>	Most Common Materia	SAND			
Math         85           Math Desc:         SOFT           Formation Fod Depth:         0.0           Formation End Depth:         2.440000057220459           Formation End Depth:         2.440000057220459           Formation End Depth:         2.440000057220459           Formation End Depth:         0.0           Sealing Record         m           Plug ID:         1007050400           Layer:         1           Plug Form:         0           Plug To:         0.31000002384186           Plug To:         0.310000003814697           Plug To:         1007050402           Layer:         3           Plug To:         10.060004196167           Plug To:         10.0600004196167           Plug Depth UOM:         m           Annular Space/Abandonment.         Sealing Record           Plug To:         0.01000002384186           Plug To:         0.31000002384186           Plug To:         6.71000003814697           Plug To:					
Wait Desc:         SOFT           Formation End Depth:         0.           Formation End Depth:         2.440000057220459           Formation End Depth:         2.440000057220459           Formation End Depth:         2.440000057220459           Formation End Depth:         2.440000057220459           Formation End Depth:         0.           Plug ID:         1007050400           Layer:         1           Plug Form:         0.           Plug To:         0.31000002384186           Plug Depth UOM:         m           Annular Space/Abandonment         Sealing Record           Plug ID:         1007050402           Layer:         3           Plug ID:         1007050402           Layer:         3           Plug Depth UOM:         m           Annular Space/Abandonment           Sealing Record         m           Plug Depth UOM:         m           Annular Space/Abandonment         Sealing Record           Plug Depth UOM:         m           Annular Space/Abandonment         Sealing Record           Plug Depth UOM:         m           Annular Space/Abandonment         Sealing Record           Plug Depth UOM: <td></td> <td></td> <td></td> <td></td> <td></td>					
Formation Top Depth:         0.0           Formation Top Depth:         2.440000057220459           Formation End Depth:         2.440000057220459           Formation End Depth:         2.440000057220459           Formation End Depth:         2.440000057220459           Formation End Depth:         0.07050400           Layer:         1           Plug From:         0           Plug To:         0.310000002384186           Plug ID:         1007050402           Layer:         3           Plug ID:         1007050402           Layer:         3           Plug From:         6.71000003814697           Plug To:         10.0600004196167           Plug To:         1007050401           Layer:         2           Plug From:         0.310000002384186           Plug To:         1007050401           Layer:         2           Plug From:         0.310000002384186           Plug To:         5.71000003814697           Plug To:         6.71000003814697           Plug From:         0.310000002384186           Plug From:         0.31000003814697           Plug From:         0.31000003814697           Plug Popth UOM: <td></td> <td></td> <td></td> <td></td> <td></td>					
Formation End Depth UOM:         m           Annular Space/Abandonment         007050400           Layer:         1           Plug ID:         0.310000002384186           Plug Tor:         0.310000002384186           Plug Tor:         0.310000002384186           Plug Tor:         0.310000002384186           Plug ID:         0.07050402           Layer:         3           Plug Tor:         0.000003814697           Plug Tor:         1.007050402           Layer:         3           Plug Tor:         1.000003814697           Plug Tor:         1.007050401           Layer:         3           Plug Tor:         1.007050401           Layer:         2           Plug Tor:         1.007050401           Layer:         2           Plug Tor:         0.310000002381186           Plug Tor:         0.310000002381186           Plug Tor:         6.71000003814697	Formation Top Depth:				
Annular Space/Abandonment.           Sealing Record           Plug ID:         1007050400           Layer:         1           Plug From:         0           Plug To:         0.31000002384186           Plug Depth UOM:         m           Annular Space/Abandonment.         Sealing Record           Plug ID:         1007050402           Layer:         3           Plug From:         6.71000003814697           Plug To:         10.0600004196167           Plug Depth UOM:         m           Annular Space/Abandonment.         Sealing Record           Plug From:         6.71000003814697           Plug To:         10.0600002384186           Plug ID:         1007050401           Layer:         2           Plug ID:         0.310000002384186           Plug To:         6.71000003814697           Plug Depth UOM:         m           Method Construction ID:         100705039           Wethod Construction ID:         5           Wethod Construction:         5           Wethod Construction:         Air Percussion			59		
Sealing Record           Plug ID:         1007050400           Layer:         1           Plug From:         0           Plug To:         0.31000002384186           Plug Depth UOM:         m           Annular Space/Abandonment.         Sealing Record           Sealing Record         1007050402           Layer:         3           Plug To:         1007050402           Layer:         6.71000003814697           Plug To:         10.0600004196167           Plug Depth UOM:         m           Annular Space/Abandonment.         Sealing Record           Plug To:         10.07050401           Layer:         2           Plug To:         0.31000002384186           Plug To:         0.31000002384186           Plug To:         0.31000002384186           Plug To:         6.71000003814697           Plug Depth UOM:         m           Wethod of Construction & Well.         Jave:           Wethod Construction ID:         1007050399           Wethod Construction:         Air Percussion           Other Method Construction:         Air Percussion	Formation End Depth U	<i>IOM:</i> m			
Layer:       1         Plug Form:       0         Plug To:       0.310000002384186         Plug Depth UOM:       m         Annular Space/Abandonment.       Sealing Record         Plug ID:       1007050402         Layer:       3         Plug From:       6.71000003814697         Plug To:       10.0600004196167         Plug To:       10.0600004196167         Plug Depth UOM:       m         Annular Space/Abandonment.       Sealing Record         Sealing Record       1007050401         Layer:       2         Plug To:       0.07050401         Layer:       2         Plug To:       0.310000002384186         Plug To:       0.310000002384186         Plug To:       6.71000003814697         Plug Depth UOM:       m         Method of Construction & Well       Use         Wethod Construction ID:       1007050399         Wethod Construction:       A: Percussion         Other Wethod Construction:       A: Percussion		nment_			
Plug From:       0         Plug To:       0.31000002384186         Plug Depth UOM:       m         Annular Space/Abandonment.       m         Sealing Record       1007050402         Layer:       3         Plug Fom:       6.71000003814697         Plug Form:       6.71000003814697         Plug To:       10.0600004196167         Plug Depth UOM:       m         Annular Space/Abandonment.       Sealing Record         Plug ID:       1007050401         Layer:       2         Plug Fom:       0.310000002384186         Plug To:       0.310000002384186         Plug To:       0.310000003814697         Plug Depth UOM:       m         Method of Construction & Well.       Use         Wethod Construction ID:       1007050399         Method Construction:       Air Percussion         Other Method Construction:       Air Percussion					
Plug To:         0.31000002384186           Plug Depth UOM:         m           Annular Space/Abandonment.					
Annular Space/Abandonment           Sealing Record           Plug ID:         1007050402           Layer:         3           Plug From:         6.71000003814697           Plug To:         10.0600004196167           Plug Depth UOM:         m           Annular Space/Abandonment         Sealing Record           Plug ID:         1007050401           Layer:         2           Plug From:         0.31000002384186           Plug To:         6.71000003814697           Plug Depth UOM:         m           Method of Construction & Well.         m           Use         1007050399           Method Construction:         Air Percussion           Other Method Construction:         Air Percussion		-	36		
Sealing Record           Plug ID:         1007050402           Layer:         3           Plug From:         6.7100003814697           Plug To:         10.0600004196167           Plug Depth UOM:         m           Annular Space/Abandonment	Plug Depth UOM:	m			
Layer:       3         Plug From:       6.7100003814697         Plug To:       10.0600004196167         Plug Depth UOM:       m         Annular Space/Abandonment         Sealing Record         Plug ID:       1007050401         Layer:       2         Plug From:       0.31000002384186         Plug To:       6.7100003814697         Plug Dom:       0.31000002384186         Plug To:       6.7100003814697         Plug Depth UOM:       m         Method of Construction & Well       Use         Method Construction ID:       1007050399         Method Construction:       5         Method Construction:       Air Percussion		nment			
Plug From:       6.71000003814697         Plug To:       10.0600004196167         Plug Depth UOM:       m         Annular Space/Abandonment	Plug ID:				
Plug To:       10.0600004196167         Plug Depth UOM:       m         Annular Space/Abandonment.			7		
Plug Depth UOM:       m         Annular Space/Abandonment					
Sealing Record         Plug ID:       1007050401         Layer:       2         Plug From:       0.31000002384186         Plug To:       6.71000003814697         Plug Depth UOM:       m         Method of Construction & Well         Use       1007050399         Method Construction Code:       5         Method Construction:       Air Percussion         Other Method Construction:       Air Percussion					
Layer:2Plug From:0.31000002384186Plug To:6.71000003814697Plug Depth UOM:mMethod of Construction & WellUseMethod Construction ID:1007050399Method Construction Code:5Method Construction:Air PercussionOther Method Construction:		nment_			
Layer:2Plug From:0.31000002384186Plug To:6.71000003814697Plug Depth UOM:mMethod of Construction & Well Use	Plug ID:	1007050401			
Plug To:       6.71000003814697         Plug Depth UOM:       m         Method of Construction & Well         Use         Method Construction ID:       1007050399         Method Construction Code:       5         Method Construction:       Air Percussion         Other Method Construction:       Fercussion	Layer:				
Plug Depth UOM:     m       Method of Construction & Well					
Use       Method Construction ID:       1007050399         Method Construction Code:       5         Method Construction:       Air Percussion         Other Method Construction:       Vercussion	Plug To: Plug Depth UOM:				
Method Construction ID: 1007050399 Method Construction Code: 5 Method Construction: Air Percussion Other Method Construction:		n & Well			
Method Construction:       Air Percussion         Other Method Construction:       Image: Construction and the second secon	Method Construction II				
Other Method Construction:	Method Construction C	<b>:ode:</b> 5			
64 erisinfo.com   Environmental Risk Information Services Order No: 2107060	erisinfo	om   Environmental Risk Inf	ormation Service	3	Order No: 21070600514

# Pipe Information

Pipe ID:	1007050389
Casing No:	0
Comment:	
Alt Name:	

## **Construction Record - Screen**

Screen ID: Layer:	1007050396 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

<u>9</u>	1 of 1	SSE/21.2	66.8 / 0.09	255 RICHMOND ROAD Ottawa ON		WWIS
Well ID:		7295741		Data Entry Status:		
Construction	Date:			Data Src:		
Primary Water	r Use:	Test Hole		Date Received:	9/29/2017	
Sec. Water Us	se:			Selected Flag:	True	
Final Well Sta	tus:	Monitoring and Test Hole		Abandonment Rec:		
Water Type:		-		Contractor:	7241	
Casing Materi	ial:			Form Version:	7	
Audit No:		Z206434		Owner:		
Tag:		A182735		Street Name:	255 RICHMOND ROAD	
Construction				County:	OTTAWA	
Method:				-		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Elevation (m, Elevation Re Depth to Beo Well Depth: Overburden// Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	liability: Irock: Bedrock: Level: ):			Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA CITY	
PDF URL (Ma	p):					
Additional De	etail(s) (Map)					
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:		2017/08/04 2017 2.322576 45.3937822206677 -75.7504324204293				
Bore Hole Inf	ormation					
Improvement	s: sc: ted: 04-Aug rce Date: Location Source: Location Method: ion Comment:	8407 2017 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	66.124946 18 441261.00 5026970.00 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	r: n Material: p Depth:	1006884190 2 6 BROWN 28 SAND 12 STONES 0.310000002384185 3.349999904632568 ft	-			
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID: Layer:		1006884191 3				

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	8 BLACK 05 CLAY 06 SILT 85 SOFT 3.349999904632568 4.570000171661377 ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>				
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	1006884192 4 2 GREY 15 LIMESTONE 74 LAYERED 4.570000171661377 7.619999885559082 ft			
Overburden and Bedrock Materials Interval				
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	1006884189 1 8 BLACK 11 GRAVEL 66 DENSE 0.0 0.310000002384185 ft	58		
<u>Annular Space/Abandonment</u> <u>Sealing Record</u>				
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	1006884202 3 5.17999982833862 7.61999988555908 ft			
<u>Annular Space/Abandonment</u> <u>Sealing Record</u>				
Plug ID: Layer: Plug From: Plug To:	1006884201 2 0.310000002384186 5.17999982833862	)		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth U	IOM:	ft			
<u>Annular Spaces Sealing Reco</u>	ce/Abandonment ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1006884200 1 0 0.310000002384186 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	1006884199 5 Air Percussion			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1006884188 0			
<u>Construction</u>	Record - Screen				
Screen ID: Layer: Slot: Screen Top L Screen End L Screen Mater Screen Diam Screen Diam	Depth: rial: n UOM: eter UOM:	1006884197 1 10 5.48999977111816 7.61999988555908 5 ft inch 6.03000020980835			
Water Details Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth:	1006884195 ft			
Hole Diamete	<u>er</u>				
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete		1006884193 11.43000030517578 0.0 4.570000171661377 ft inch			
Hole Diamete	<u>er</u>				
Hole ID: Diameter:		1006884194 7.619999885559082			
68	erisinfo.com   Env	ironmental Risk Infor	mation Services		Order No: 21070600514

Map Key Num Rece	nber of ords	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Depth From: Depth To: Hole Depth UOM: Hole Diameter UOM:	:	4.57000017166137 7.61999988555908 ft inch				
<u>11</u> 1 of :	1	SSW/32.4	66.7/ 0.00	255 RICHMOND RD OTTAWA ON		wwis
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability Depth to Bedrock: Well Depth: Overburden/Bedroc Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	Monitorin Observat Z206460 A182631	g ion Wells		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/5/2017 True 7241 7 255 RICHMOND RD OTTAWA OTTAWA CITY	
PDF URL (Map):		https://d2khazk8e8	3rdv.cloudfront.ne	et/moe_mapping/downloads/	/2Water/Wells_pdfs/730\7300861.pdf	
Additional Detail(s)	<u>(Map)</u>					
Well Completed Date Year Completed: Depth (m): Latitude: Longitude: Path:	e:	2017/10/16 2017 7.62 45.393690704346 -75.750661171727 730\7300861.pdf				
Bore Hole Informatio	on					

Bore Hole ID:	1006858111	Elevation:	66.081222
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441243.00
Code OB Desc:		North83:	5026960.00
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	n Source:		
Improvement Location	n Method:		
Source Revision Com	ment:		

Overburden and Bedrock Materials Interval

Supplier Comment:

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:	•	1007050419			
Layer:		2			
Color:		2			
General Colo	r.	GREY			
Mat1:	•	06			
Most Commo	n Matorial:	SILT			
Mat2:	n material.	05			
Mat2 Desc:		CLAY			
Mat2 Desc. Mat3:		66			
Mat3 Desc:		DENSE			
	n Donthi	3.349999904632568	л		
Formation To		7.619999885559082			
Formation En			-		
Formation En	d Depth UOM:	m			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID:		1007050418			
		1007050418			
Layer: Color:		6			
General Color	<i>.</i>	BROWN			
Mat1:	•	28			
Most Commo	n Material	SAND			
Mat2:	n material.	11			
Mat2 Desc:		GRAVEL			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation To	n Denth:	0.0			
Formation En	d Depth:	3.349999904632568	34		
	d Depth UOM:	m			
<u>Annular Spac</u> Sealing Reco	e/Abandonment rd				
Diver ID.		1007050428			
Plug ID: Layer:		2			
Plug From:		0.31000002384186			
Plug To:		4.26999998092651	)		
Plug Depth U	OM-	m			
riug Deptil O	01.				
<u>Annular Spac</u> <u>Sealing Reco</u>	<u>e/Abandonment</u> r <u>d</u>				
Plug ID:		1007050427			
Layer:		1			
Plug From:		0			
Plug To:		0.31000002384186	6		
Plug Depth U	ОМ:	m			
<u>Annular Spac</u> Sealing Reco	e/Abandonment rd				
Diver ID.		1007050400			
Plug ID:		1007050429			
Layer:		3			
Plug From:		4.26999998092651			
Plug To: Plug Dopth II	OM-	7.61999988555908			
Plug Depth U		m			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction ID:	1007050426			

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Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Method Cons Method Cons Other Method	struction:		5 Air Percussion				
<u>Pipe Informa</u>	<u>tion</u>						
Pipe ID: Casing No: Comment: Alt Name:			1007050417 0				
<u>Construction</u>	n Record - S	<u>creen</u>					
Screen ID: Layer: Slot: Screen Top I Screen Mate Screen Mate Screen Diam Screen Diam	Depth: rial: h UOM: eter UOM:		1007050423 1 10 4.57000017166138 7.61999988555908 5 m cm 4.82000017166138				
Water Details	<u>6</u>						
Water ID: Layer: Kind Code: Kind:	Dentha		1007050421				
Water Found Water Found		1:	m				
Hole Diamete	<u>er</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	IOM:		1007050420 8.25 0.0 7.619999885559082 m cm				
<u>10</u>	1 of 1		SSW/30.4	66.7/0.00	MOTOR VEHICLE 259 RICHMOND RD. N (OPERATING FLUID) OTTAWA CITY ON K1		SPL
Ref No: Site No:		65543			Discharger Report: Material Group:		
Incident Dt: Year:		12/25/19	91		Health/Env Conseq: Client Type:		
Incident Cau Incident Even Contaminant Contaminant Contaminant Contam Limi Contaminant Environment Nature of Imp Receiving Er	nt: t Code: t Name: t Limit 1: t Freq 1: t UN No 1: t Impact: pact: edium:	POSSIBI	Water Pollution		Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing:	20101	
MOE Respon					Easting:	OTTAWA PUC	

Order No: 21070600514

Map Key Numb Reco	per of Direction/ rds Distance (m)	Elev/Diff (m)	Site		DI
Dt MOE Arvl on Scn:			Site Geo Ref Accu:		
MOE Reported Dt:	12/25/1991		Site Map Datum: SAC Action Class:		
Dt Document Closed: Incident Reason:	DAMAGE BY MOVING EQU	IIPMENT	SAC Action class: Source Type:		
Site Name:			oouloe Type.		
Site County/District:					
Site Geo Ref Meth:					
Incident Summary: Contaminant Qty:	MOTOR VEHICLE	ACCIDENT: GAS	SOLINE LEAK TO CATCHBA	SIN	
<u>12</u> 1 of 2	WSW/33.0	66.8/0.03	ULTRAMAR		SPL
			261 RICHMOND ROAL OTTAWA CITY ON K1	D TANK TRUCK (CARGO) IZ 6X1	
Ref No:	138508		Discharger Report:		
Site No:			Material Group:		
Incident Dt:	3/21/1997		Health/Env Conseq:		
Year:			Client Type:		
Incident Cause: Incident Event:	CONTAINER OVERFLOW		Sector Type: 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:	00404	
Environment Impact: Nature of Impact:	CONFIRMED Human health		Site Municipality: Site Lot:	20101	
Receiving Medium:	AIR		Site Conc:		
Receiving Env:			Northing:		
MOE Response:			Easting:		
Dt MOE Arvl on Scn:			Site Geo Ref Accu:		
MOE Reported Dt:	3/21/1997		Site Map Datum:		
Dt Document Closed: Incident Reason:	ERROR		SAC Action Class: Source Type:		
Site Name:	ERROR		Source Type.		
Site County/District:					
Site Geo Ref Meth:					
Incident Summary: Contaminant Qty:	ULTRAMAR: 45 L	FUEL TO BASEN	IENT; FUMES AFFECTED N	EIGHBOURS	
<u>12</u> 2 of 2	WSW/33.0	66.8 / 0.03	Rose Drapery Ltd. 261 Richmond Rd		SCT
			Ottawa ON K1Z 6X1		
Established:	1978				
Plant Size (ft²): Employment:	6				
<u>Details</u> Description	Curtain and Linen	Mille			
Description: SIC/NAICS Code:	314120	IVIIIIS			
	014120				
13 1 of 1	WSW/33.0	66.8 / 0.03	Enbridge Gas Distrib	ution Inc.	SPL
—			263 Richmond Rd Ottawa ON		SPL
	0813-B88MWN		Discharger Report:		
Ref No:	NA		Material Group:		
	INA				
Site No: Incident Dt:	2019/01/08		Health/Env Conseq:	2 - Minor Environment	
Site No:			Health/Env Conseq: Client Type:	2 - Minor Environment Corporation	
			Client Type:		

Map Key Number Record		ion/ El nce (m) (n	lev/Diff n)	Site	DB
Incident Cause: Incident Event:	Leak/Break		-	Sector Type: Agency Involved:	Other
Contaminant Code: Contaminant Name: Contaminant Limit 1:	35 NATURAL GAS (ME	THANE)		Nearest Watercourse: Site Address: Site District Office:	263 Richmond Rd Ottawa
Contam Limit Freq 1: Contam Limit Freq 1: Contaminant UN No 1:	1075			Site District Office. Site Postal Code: Site Region:	Eastern
Environment Impact: Nature of Impact:	1010			Site Municipality: Site Lot:	Ottawa
Receiving Medium: Receiving Env: MOE Response:	Air No			Site Conc: Northing: Easting:	
Dt MOE Arvl on Scn: MOE Reported Dt:	2019/01/08			Site Geo Ref Accu: Site Map Datum:	TCCA Fuel Sefety Brench Hydrocothen Fue
Dt Document Closed: Incident Reason:	Operator/Human Er	ror		SAC Action Class: Source Type:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components
Site Name: Site County/District: Site Geo Ref Meth:			e <unofficia< td=""><td></td><td></td></unofficia<>		
Incident Summary: Contaminant Qty:		oridge: 1" steel ee incident de		ged by snowplow	
<u>14</u> 1 of 1	S/34.4	66.	.7/0.00	ON	WWIS
Well ID: Construction Date:	7336502			Data Entry Status: Data Src:	Yes
Primary Water Use:				Date Received:	7/8/2019
Sec. Water Use: Final Well Status:				Selected Flag: Abandonment Rec:	True
Water Type:				Contractor:	1844
Casing Material: Audit No:	C30164			Form Version: Owner:	8
Tag: Construction Mothed	A251269			Street Name:	OTTAWA
<i>Construction Method: Elevation (m): Elevation Reliability:</i>				County: Municipality: Site Info:	OTTAWA OTTAWA CITY
Depth to Bedrock: Well Depth:				Lot: Concession:	
Overburden/Bedrock: Pump Rate:				Concession Name: Easting NAD83:	
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):					
Additional Detail(s) (M	<u>ap)</u>				
Well Completed Date: Year Completed:	2019/06/0 2019	4			
Depth (m): Latitude:	45.39365	53738444			
Longitude: Path:	-75.75055	84984458			
Bore Hole Information					
Bore Hole ID: DP2BR:	1007500416			Elevation: Elevrc:	

Мар Кеу	Numb Recor			Site		DE
Improveme Improveme	Desc: : dd: oleted: c: ource Date: ource Date: ource Date: out Location vision Com	n Source: n Method:	0	Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 441251.00 5026956.00 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>15</u>	1 of 3	W/36.8	66.8 / 0.03	LAMBLE PHOTO-LA 371 ATHLONE AVE. OTTAWA ON K1Z 5		GEN
Generator	No:	ON1597100		PO Box No:		
Status: Approval Y Contam. Fa MHSW Fac SIC Code:	acility:	92,93,94,95,96,97,98 6571	1	Country: Choice of Contact: Co Admin: Phone No Admin:		
SIC Descri	ption:		PHOTO. SUPPLY			
<u>Detail(s)</u>						
Waste Clas Waste Clas		264 PHOTOPR	OCESSING WASTES			
<u>15</u>	2 of 3	W/36.8	66.8 / 0.03	Rose Drapery Ltd. 371 Athlone Ave Ottawa ON K1Z 5M3	3	SCT
Establishe		1978				
Plant Size Employme		6				
<u>Details</u> Descriptio SIC/NAICS		Curtain and 314120	d Linen Mills			
<u>15</u>	3 of 3	W/36.8	66.8 / 0.03	Rose Draperies Ltd. 371 Athlone Ave Ottawa ON K1Z 5M3		SCT
Establishe Plant Size Employme	(ft²):	01-JUN-78 2500				
<u>Details</u> Descriptiol SIC/NAICS		Curtain and 314120	d Linen Mills			
<u>16</u>	1 of 4	ESE/42.8	66.8 / 0.10	OTTAWA CITY RICHMOND RD./TW OTTAWA CITY ON	'EEDSMUIR AVE.	CA
	originfo	com   Environmental F	Piele Information Convi		Order No: 2107	70000544

Map Key	Number Records		Elev/Diff (m)	Site	D
Certificate #: Application Y Issue Date: Approval Typ Status: Application T Client Name: Client Addres Client City: Client Postal Project Descr Contaminants Emission Cor	e: jype: ss: Code: íption: s:	3-0933-93- 93 8/19/1993 Municipal sewage Approved			
<u>16</u>	2 of 4	ESE/42.8	66.8 / 0.10	City of Ottawa corner of Tweedsmuir Ottawa ON	Ave & Richmond Road SPL
Ref No: Site No: Incident Dt:		0522-9KYLRE NA 2014/06/11		Discharger Report: Material Group: Health/Env Conseq:	
Year: Incident Caus Incident Even		Unknown / N/A		Client Type: Sector Type: Agency Involved:	Unknown / N/A
Contaminant Contaminant Contaminant Contam Limit	Name: Limit 1: Freq 1:	15 OIL/GREASE		Nearest Watercourse: Site Address: Site District Office: Site Postal Code:	corner of Tweedsmuir Ave & Richmond Roa
Contaminant Environment Nature of Imp Receiving Me	Impact: act: dium:	Not Anticipated Surface Water Pollution		Site Region: Site Municipality: Site Lot: Site Conc: Northing:	Ottawa
Receiving En MOE Respons Dt MOE Arvl o MOE Reporte	se: on Scn: d Dt:	No Field Response 2014/06/11		Northing: Easting: Site Geo Ref Accu: Site Map Datum:	
<i>Dt Document Incident Reas Site Name: Site County/D</i>	son:	2014/10/22 Unknown / N/A CB <unofficial></unofficial>		SAC Action Class: Source Type:	Land Spills
Site Geo Ref I Incident Sum Contaminant	mary:	City of Ottawa: Oil de 0 other - see inciden		eaning	
<u>16</u>	3 of 4	ESE/42.8	66.8 / 0.10	City of Ottawa Richmond Rd at Twee way Ottawa ON K1Z 6W7	edsmuir Avenue Right-of-
Generator No Status: Approval Yea Contam. Facilit MHSW Facilit SIC Code: SIC Descriptio	rs: lity: y:	ON6345262 Registered As of Jul 2020		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada
<u>Detail(s)</u>					
Waste Class: Waste Class I		221 L Light fuels			

Map Key	Number Records		Elev/Diff (m)	Site		DE
<u>16</u>	4 of 4	ESE/42.8	66.8 / 0.10	City of Ottawa Richmond Rd at Twe way Ottawa ON K1Z 6W7	edsmuir Avenue Right-of-	GEN
Generator N Status: Approval Ye Contam. Faci MHSW Facil SIC Code: SIC Descrip	ears: cility: lity:	ON6345262 Registered As of Apr 2021		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>						
Waste Class Waste Class		221 L Light fuels				
<u>17</u>	1 of 1	SW/45.1	66.8 / 0.03	TWEEDSMUIR NORT Ottawa ON	H OF RICHMOND RD.	www
Well ID:		7136557		Data Entry Status:		
Constructio Primary Wat		Monitoring		Data Src: Date Received:	12/21/2009	
Sec. Water U	Jse:	-		Selected Flag:	True	
Final Well Si Nater Type:		Observation Wells		Abandonment Rec: Contractor:	7241	
Casing Mate	erial:	Z106621		Form Version:	7	
Audit No: Tag: Construction Elevation (m Elevation Re Depth to Be	ı): eliability:	A085405		Owner: Street Name: County: Municipality: Site Info: Lot:	TWEEDSMUIR NORTH OF RIG OTTAWA OTTAWA CITY	CHMOND RI
Well Depth: Overburden, Pump Rate: Static Water Flowing (Y/N Flow Rate:	Level:			Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
Clear/Cloud	y:			OTM Renability.		
PDF URL (M	lap):	https://d2khazk8e	83rdv.cloudfront.ne	et/moe_mapping/downloads/	2Water/Wells_pdfs/713\7136557.p	odf
Additional D	Detail(s) (Maj	<u>o)</u>				
Well Comple Year Comple Depth (m):		2009/11/05 2009				
Latitude: Longitude: Path:		45.393626525082 -75.750839181593 713\7136557.pdf	-			
Bore Hole In	nformation					
Bore Hole II	D:	1002903274		Elevation:	65.916038	
DP2BR:				Elevrc:		
	us:			Zone: East83:	18 441229.00	
Spatial Statu Code OB:						
Spatial Statu	SC:			North83: Org CS:	5026953.00 UTM83	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Improvemen	ted: 05-Nov urce Date: t Location Source: t Location Method: sion Comment:	<i>v-</i> 2009 00:00:00		UTMRC: UTMRC Desc: Location Method:	4 margin of error : 30 m - 100 m wwr	
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1003093741 2 0.5 12 ft				
<u>Annular Spa</u> Sealing Reco	ce/Abandonment ord					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1003093742 3 12 23 ft				
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord					
Plug ID: Layer: Plug From: Plug To: Plug Depth L	IOM:	1003093740 1 0 0.5 ft				
<u>Method of Co Use</u>	onstruction & Well					
Method Cons	struction Code:	1003093747 5 Air Percussion				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		1003093737 0				
<u>Constructior</u>	n Record - Casing					
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam		1003093744 1 5 PLASTIC 0 13 1.25				

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Casing Diam Casing Depth			inch ft				
Construction	Record - S	<u>creen</u>					
Screen ID:			1003093745				
Layer:			1				
Slot: Saraan Tan I	Janth.		10				
Screen Top [ Screen End [			13 23				
Screen Mater			5				
Screen Depti			ft				
Screen Diam			inch				
Screen Diam	eter:		1.5				
Water Details	5						
Water ID:			1003093743				
Layer:							
Kind Code:							
Kind: Water Found	Denth:						
Water Found		1:	ft				
Hole Diamete	<u>er</u>						
Hole ID:			1003093739				
Diameter:			3.25				
Depth From:			0.0				
Depth To:			23.0				
	IOM:		ft				
	er UOM:		inch				
	er UOM:		INCh				
Hole Depth U Hole Diamete	er UOM: 1 of 1		ESE/47.2	66.8 / 0.04	TWEENMUIR AT CLA Ottawa ON	ARE ST	wwis
Hole Diamete		7139974		66.8 / 0.04		ARE ST	wwis
Hole Diamete <u>18</u> Well ID: Construction	1 of 1 Date:	7139974		66.8 / 0.04	Ottawa ON Data Entry Status: Data Src:		wwis
Hole Diamete <u>18</u> Well ID: Construction Primary Wate	1 of 1 n Date: er Use:	7139974		66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received:	2/16/2010	wwis
Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U	1 of 1 n Date: er Use: lse:			66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag:		wwis
Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta	1 of 1 n Date: er Use: lse:	7139974 0		66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received:	2/16/2010	wwis
Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater	1 of 1 Date: er Use: se: atus:	0		66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	2/16/2010 True	wwis
Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No:	1 of 1 Date: er Use: se: atus:	0 M05527	ESE/47.2	66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	2/16/2010 True 1844 5	wwis
Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag:	1 of 1 Date: er Use: se: atus: rial:	0	ESE/47.2	66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name:	2/16/2010 True 1844 5 TWEENMUIR AT CLARE ST	wwis
Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction	1 of 1 Date: er Use: 'se: atus: rial: Method:	0 M05527	ESE/47.2	66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County:	2/16/2010 True 1844 5 TWEENMUIR AT CLARE ST OTTAWA	wwis
Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m)	1 of 1 Date: er Use: lse: atus: rial: Method: ):	0 M05527	ESE/47.2	66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name:	2/16/2010 True 1844 5 TWEENMUIR AT CLARE ST	wwis
Hole Diameter <u>18</u> Well ID: Construction Primary Water Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed	1 of 1 Date: er Use: lse: atus: rial: Method: ): liability:	0 M05527	ESE/47.2	66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	2/16/2010 True 1844 5 TWEENMUIR AT CLARE ST OTTAWA	wwis
Hole Diameter <u>18</u> Well ID: Construction Primary Water Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rei Depth to Bed Well Depth:	1 of 1 a Date: er Use: lse: atus: rial: a Method: ): liability: lrock:	0 M05527	ESE/47.2	66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	2/16/2010 True 1844 5 TWEENMUIR AT CLARE ST OTTAWA	wwis
Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/I	1 of 1 a Date: er Use: lse: atus: rial: a Method: ): liability: lrock:	0 M05527	ESE/47.2	66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name:	2/16/2010 True 1844 5 TWEENMUIR AT CLARE ST OTTAWA	wwis
Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rei Depth to Bed Well Depth: Overburden/I Pump Rate:	1 of 1 Date: er Use: lse: atus: rial: Method: ): liability: lrock: Bedrock:	0 M05527	ESE/47.2	66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83:	2/16/2010 True 1844 5 TWEENMUIR AT CLARE ST OTTAWA	wwis
Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N,	1 of 1 Date: er Use: se: atus: rial: Method: iiability: frock: Bedrock: Level:	0 M05527	ESE/47.2	66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	2/16/2010 True 1844 5 TWEENMUIR AT CLARE ST OTTAWA	wwis
Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation (m) Flow (m) Construction (m) Construction (m) Construction (m) Construction (m) Construction (m) Construction (m) Construction (m) Construction (m) Construction (m) Elevation (m) Elevation (m) Elevation (m) Elevation (m) Elevation (m) Elevation (m) Elevation (m) Construction (m) Elevation (m) Construction (m) Elevation (m) Construction (m) Construction (m) Elevation (m) Construction (m)	1 of 1 Date: er Use: se: atus: rial: Method: liability: lrock: Bedrock: Level: ):	0 M05527	ESE/47.2	66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:	2/16/2010 True 1844 5 TWEENMUIR AT CLARE ST OTTAWA	wwis
Hole Diamete <u>18</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N)	1 of 1 Date: er Use: se: atus: rial: Method: liability: lrock: Bedrock: Level: ):	0 M05527	ESE/47.2	66.8 / 0.04	Ottawa ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	2/16/2010 True 1844 5 TWEENMUIR AT CLARE ST OTTAWA	wwis

Additional Detail(s) (Map)

Well Completed Date:

2009/08/17

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D	B
Year Comple Depth (m): Latitude: Longitude: Path:	ted:	2009 6 45.388035984057 -75.7468306361947				
PDF URL (Ma	ap):					
Additional De	etail(s) (Map)					
Well Comple Year Comple Depth (m): Latitude: Longitude: Path:		2009/08/14 2009 45.3937490714296 -75.749997607498				
PDF URL (Ma	ap):					
Additional De	etail(s) (Map)					
Well Comple Year Comple Depth (m): Latitude: Longitude: Path:		2009/08/14 2009 45.382702236259 -75.7434521392639				
<u>Bore Hole In</u>	formation					
Improvement	s: sc: ted: ted: ted: tocation Source: tocation Method: sion Comment:	9939 a record from cluster log 2009 00:00:00	g sheet	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	67.598548 18 441295.00 5026966.00 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	юм:	1003269943				
<u>Method of Co Use</u>	onstruction & Well					
	struction Code:	1003269942				
Method Cons Other Metho	struction: d Construction:	HSA				
79	erisinfo.com   Envi	ronmental Risk Infor	mation Service	9S	Order No: 21070600514	4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	 D
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1003269944 0			
<u>Construction</u>	n Record - Casing				
Casing ID:		1003269946			
Layer:					
Material:		1			
Open Hole or	r Material:	STEEL			
Depth From:					
Depth To:		4.5			
Casing Diam	eter:				
Casing Diam Casing Dept		m			
<b>Construction</b>	<u> Record - Screen</u>				
Saraan ID.		1002260045			
Screen ID:		1003269945			
Layer: Slot:					
Screen Top L	Denth:	4.5			
Screen End L	Depth:	6.09999990463257			
Screen Mater					
Screen Dept		m			
Screen Diam					
Screen Diam	eter:				
<u>Results of W</u>	ell Yield Testing				
Pump Test IL	);	1003269947			
Pump Set At:					
Static Level:					
	fter Pumping:				
	ed Pump Depth:				
Pumping Rat					
Flowing Rate					
Recommende Levels UOM:	ed Pump Rate:				
Rate UOM:	After Test Code:				
Rate UOM: Water State A	After Test Code: After Test				
Rate UOM: Water State A Water State A	After Test:				
Rate UOM: Water State A Water State A Pumping Tes	After Test: st Method:				
Rate UOM: Water State A Water State A Pumping Tes Pumping Dui	After Test: St Method: ration HR:				
Rate UOM:	After Test: St Method: ration HR:				
Rate UOM: Water State A Water State A Pumping Tes Pumping Dur Pumping Dur Flowing:	After Test: at Method: ration HR: ration MIN:				
Rate UOM: Water State A Water State A Pumping Tes Pumping Dui Pumping Dui	After Test: at Method: ration HR: ration MIN:	1003269941			
Rate UOM: Water State A Pumping Tes Pumping Dur Pumping Dur Flowing: Hole Diamete	After Test: at Method: ration HR: ration MIN:	1003269941 20.0			
Rate UOM: Water State A Pumping Tes Pumping Dur Pumping Dur Flowing: Hole Diamete Hole ID: Diameter: Depth From:	After Test: at Method: ration HR: ration MIN:				
Rate UOM: Water State A Pumping Tes Pumping Dur Pumping Dur Flowing: Hole Diamete Hole ID: Diameter: Depth From: Depth To:	After Test: at Method: ration HR: ration MIN:		3		
Rate UOM: Water State A Pumping Tes Pumping Dur Pumping Dur Flowing: Hole Diamete Hole ID: Diameter: Depth From:	After Test: at Method: ration HR: ration MIN: <u>er</u> IOM:	20.0	3		

# Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Improvement	s: c: This is red: 14-Aug rce Date: Location Source: Location Method: ion Comment:	39930 a record from cluster lo -2009 00:00:00	g sheet	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	76.155502 18 441796.00 5025734.00 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Annular Space</u> Sealing Recor	e/Abandonment rd					
Plug ID: Layer: Plug From: Plug To: Plug Depth U0	ОМ:	1003269934				
<u>Method of Col Use</u>	nstruction & Well					
Method Const	truction Code:	1003269933 HSA				
Pipe Informati	<u>ion</u>					
Pipe ID: Casing No: Comment: Alt Name:		1003269935 0				
Construction	Record - Casing					
Casing ID: Layer: Material:		1003269937 1				
Open Hole or Depth From: Depth To:	Material:	STEEL 3.5				
Casing Diame Casing Diame Casing Depth	eter UOM:	m				
<u>Construction</u>	<u> Record - Screen</u>					
Screen ID: Layer:		1003269936				
Slot: Screen Top De Screen End D		3.5 5.09999990463257				

Screen Diameter UOM: Screen Diameter:

## Results of Well Yield Testing

Pump Test ID: 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:	1003269932
Diameter:	20.0
Depth From:	
Depth To:	5.099999904632568
Hole Depth UOM:	m
Hole Diameter UOM:	cm

#### Bore Hole Information

Bore Hole ID:	1002938374	Elevation:	76.755279
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441537.00
Code OB Desc:		North83:	5026329.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	17-Aug-2009 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:	ů.	Location Method:	wwr
Elevrc Desc:			
Location Source Date			

Levrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Overburden and Bedrock Materials Interval

Formation ID:	1003269951
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	06
Mat3 Desc:	SILT

Formation Top Depth:0.400000059604645Formation End Depth UOM:1.39999976158142Pormation End Depth UOM:mOverburden and Bedrock Materials Interval1003269952Layer:4Color:2General Color:GREY Matt:Matt05Matz:84Matz:05Matz:05Matz:05Matz:05Matz:05Matz:05Matz:05Matz:05Matz:05Matz:05Matz:05Matz:05Matz:05Matz:05Matz:05Matz:05Matz:0000095367432Formation Top Depth:1.39999976158142Formation Top Depth:1.39999976158142Formation Top Depth:4.40000095367432Formation ID:1003269953Layer:5Color:2General Color:GREYMatz:15Matz:15Matz:1003269950Layer:2Color:2Color:2Color:2Color:2Color:2Color:2Color:2Color:2Color:2Color:2Color:2Color:2Color:2Color:2Color: <td< th=""><th>DB</th></td<>	DB
Materials Interval         Formation ID:       1003269952         Layer:       4         Color:       2         General Color:       GREY         Matt:       05         Matt:       05         Matt:       05         Matt:       05         Matt:       04         Matt:       05         Matt:       04         Matt:       05         Matt:       04         Matt:       04         Matt:       05         Formation Fop Depth:       1.399999976158142         Formation Fond Depth:       4.40000095367432         Formation ID:       1003269953         Layer:       5         Color:       2         General Color:       GREY         Matt:       26         Most Common Material:       15         Matt:       15         Matt:       6.0         Formation End Depth:       6.0         Formation E	
Layer:4Color:2General Color:GREYMatt:05Most Common Material:CLAYMat2:84Mat2 Desc:SILTYMat3:-Mat3 Desc:-Formation Top Depth:1.399999376158142Formation End Depth:4.40000095367432Formation End Depth:4.40000095367432Formation Inth Depth:1.003269953Layer:5Color:2General Color:GREYMat1:26Most Common Material:ROCKMat2:15Mat2:15Mat2:15Mat2:15Mat2:15Mat2:15Mat2:15Mat2:15Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat2:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat4:-Mat4: </td <td></td>	
Layer:4Color:2General Color:GREYMatt:05Most Common Material:CLAYMat2:84Mat2 Desc:SILTYMat3:-Mat3 Desc:-Formation Top Depth:1.399999376158142Formation End Depth:4.40000095367432Formation End Depth:4.40000095367432Formation Inth Depth:1.003269953Layer:5Color:2General Color:GREYMat1:26Most Common Material:ROCKMat2:15Mat2:15Mat2:15Mat2:15Mat2:15Mat2:15Mat2:15Mat2:15Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat2:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat3:-Mat4:-Mat4: </td <td></td>	
Color:         2           General Color:         GREY           Mat1:         05           Mas2:         84           Mal2:         84           Mat2:         SILTY           Mat3:	
Mart:         05           Most Common Material:         CLAY           Mat2:         84           Mat2 Dess:         SILTY           Mat3 Dess:         Formation Top Depth:           Formation Top Depth:         1.399999976158142           Formation End Depth:         4.40000095367432           Formation End Depth:         4.40000095367432           Formation End Depth:         0.003269953           Layer:         5           Color:         2           General Color:         6           Mat2:         15           Mat2:         15           Mat2:         15           Mat2:         15           Mat3 Desc:         Formation Top Depth:           Formation Top Depth:         4.40000095367432           Formation Top Depth:         4.40000095367432           Formation Top Depth:         6.0           Formation Top Depth:         6.0           Formation End Depth UOM:         m           Overburden and Bedrock.         Mat2 Desc:           Layer:         2           Color:         2           General Color:         2           General Color:         2           General	
Most Common Material:CLAYMat284Mat2 Desc:SILTYMat3	
Mat2:84Mat2:SILTYMat3:	
Mat3:	
Mat3 Desc:I.39999976158142Formation Top Depth:4.40000095367432Formation End Depth UOM:mOverburden and Bedrock Materials Interval1003269953Formation ID:1003269953Layer:5Color:2General Color:GREYMat1:26Most Common Material:ROCKMat2:15Mat3 Desc:LIMESTONEFormation ID:4.40000095367432Formation Top Depth:4.40000095367432Formation Top Depth:6.0Formation End Depth UOM:mOverburden and Bedrock Mat2:1003269950Layer:2Cotor:2Cotor:2Cotor:2Cormation ID:1003269950Layer:2Color:2Color:2Color:2Color:2Mat2:3TONESMat2:3TONESMat2:3TONESMat2:3TONESMat2:3TONESMat2:3TONESMat2:3TONESMat3:0.2000000298023224Formation Top Depth:0.2000000298023224Formation Top Depth:0.2000000298023224Formation Top Depth:0.400000059804645	
Formation Top Depth:1.399999976158142Formation End Depth:4.40000095367432Formation End Depth UOM:mOverburden and Bedrock Materials Interval1003269953Layer:5Color:2General Color:GREY Mat1:Mat2:15Mat2:15Mat2:15Mat3:4.40000095367432Formation ID:0.03269950Color:2General Color:GREYMat1:26Most Common Material:ROCKMat2:15Mat3:1003269950Formation ID:0.03269950Layer:2Color:2Color:2Color:2Color:2Mat2:1003269950Layer:2Color:2Color:2Color:2Mat1:12Mat1:12Mat1:12Mat1:12Mat2:3Mat3:3Mat3:0.2000000298023224Formation Top Depth:0.2000000298023224Formation Top Depth:0.400000059604645	
Formation End Depth:4.40000095367432Formation End Depth UOM:mOverburden and Bedrock Materials IntervalFormation ID:1003269953Layer:5Color:2General Color:GREYMat1:26Most Common Material:ROCKMat215Mat2 Desc:LIMESTONEMat3 Desc:4.40000095367432Formation ID:0.003269950Color:2General Color:6.0Formation End Depth6.0Formation ID:1003269950Layer:2Color:2General Color:GREYMat1:1003269950Layer:2Color:2General Color:GREYMat1:12Most Common Material:STONESMat2:3Mat3:4Mat2:2General Color:2Mat2:3Mat3:4Mat2:1003269950Layer:2General Color:2Mat3:Mat2:Mat3:	
Overburden and Bedrock.         Materials Interval         Formation ID:       1003269953         Layer:       5         Color:       2         General Color:       GREY         Matt:       26         Most Common Material:       ROCK         Mat2:       15         Mat3 Desc:       IIMESTONE         Formation Top Depth:       4.40000095367432         Formation End Depth UOM:       m         Overburden and Bedrock       m         Materials Interval       1003269950         Layer:       2         General Color:       2         Mat2:       10         Mat2:       12         Most Common Material:       STONES         Mat3       -         Mat3       0.20000000298023224         Formation Top Depth:	
Materials IntervalFormation ID:1003269953Layer:5Color:2General Color:GREYMat1:26Most Common Material:ROCKMat2:15Mat3:IMESTONEMat3 Desc:	
Layer:5Color:2General Color:GREYMatt:26Most Common Material:ROCKMat2:15Mat2 Desc:LIMESTONEMat3 Desc:6.0Formation End Depth:6.0Formation ID:1003269950Layer:2Color:2General Color:GREYMat1:12Mat2:STONESMat3:STONESMaterials IntervalNoncompositionFormation DD:1003269950Layer:2General Color:GREYMat1:12Most Common Material:STONESMat2:Mat2:Mat3:STONESMat2:STONESMat3:Jourdon Material:Mat3:Mat2:Mat3:Mat2:Mat3:Jourdon000000298023224Formation Top Depth:0.2000000029804645	
Layer:5Color:2General Color:GREYMatt:26Most Common Material:ROCKMat2:15Mat2:15Mat3 Desc:HESTONEFormation Top Depth:4.40000095367432Formation End Depth:6.0Formation End Depth UOM:mOverburden and Bedrock Materials Interval1003269950Layer:2Color:2General Color:6REYMat1:12Most Common Material:STONESMat2:Mat2:Mat3:IMat3:IMat2:0.2000000298023224Formation Top Depth:0.200000029804845	
General Color:GREYMat1:26Most Common Material:ROCKMat2:15Mat2 Desc:LIMESTONEMat3:-Mat3:-Mat3:-Mat3 Desc:-Formation Top Depth:4.40000095367432Formation End Depth:6.0Formation End Depth UOM:mOverburden and BedrockMaterials IntervalFormation ID:1003269950Layer:2Color:2General Color:GREYMat1:12Most Common Material:STONESMat2:-Mat3:-Mat3:-Mat2:-Mat3:- <td></td>	
Mat1:26Most Common Material:ROCKMat2:15Mat3 Desc:LIMESTONEMat3 Desc:+.400000095367432Formation Top Depth:4.40000095367432Formation End Depth:6.0Formation End Depth UOM:mOverburden and Bedrock Materials IntervalFormation ID:1003269950Layer:2Color:2General Color:GREYMat1:12Mat2:STONESMat2:Mat2Mat3:STONESMat2:	
Most Common Material:ROCKMat2:15Mat3 Desc:LIMESTONEMat3:	
Mat2 Desc:LIMESTONEMat3:	
Mat3: Mat3 Desc:4.40000095367432Formation Top Depth:4.40000095367432Formation End Depth:6.0Formation End Depth UOM:mOverburden and Bedrock Materials IntervalFormation ID:1003269950Layer:2Color:2General Color:GREYMat1:12Most Common Material:STONESMat2Mat2:Mat3:Mat3Mat3:	
Mat3 Desc:Formation Top Depth:4.40000095367432Formation End Depth:6.0Formation End Depth UOM:mOverburden and Bedrock. Materials IntervalFormation ID:1003269950Layer:2Color:2General Color:GREYMat1:12Most Common Material:STONESMat2:Mat2Mat3:	
Formation End Depth:6.0Formation End Depth UOM:mOverburden and Bedrock Materials IntervalFormation ID:1003269950Layer:2Color:2General Color:GREYMat1:12Most Common Material:STONESMat2:STONESMat3:Journalistic StressMat3:0.2000000298023224Formation Top Depth:0.2000000298023224Formation End Depth:0.400000059604645	
Formation End Depth UOM:mOverburden and Bedrock Materials IntervalFormation ID:1003269950Layer:2Color:2General Color:GREYMat1:12Most Common Material:STONESMat2:STONESMat3:Hat3 Desc:Formation Top Depth:0.2000000298023224Formation End Depth:0.400000059604645	
Materials Interval           Formation ID:         1003269950           Layer:         2           Color:         2           General Color:         GREY           Mat1:         12           Most Common Material:         STONES           Mat2:         Hat3:           Mat3:         U           Mat3:         <	
Materials Interval           Formation ID:         1003269950           Layer:         2           Color:         2           General Color:         GREY           Mat1:         12           Most Common Material:         STONES           Mat2:         Hat3:           Mat3:         U           Mat3:         <	
Layer:         2           Color:         2           General Color:         GREY           Mat1:         12           Most Common Material:         STONES           Mat2:         ************************************	
Color:         2           General Color:         GREY           Mat1:         12           Most Common Material:         STONES           Mat2:         Mat2 Desc:           Mat3:         Variation Top Depth:           O.2000000298023224         0.400000059604645	
General Color:         GREY           Mat1:         12           Most Common Material:         STONES           Mat2:         Mat2 Desc:           Mat3:         Value           Formation Top Depth:         0.2000000298023224           Formation End Depth:         0.400000059604645	
Mat1:         12           Most Common Material:         STONES           Mat2:	
Mat2:         Mat2 Desc:         Mat3:         Mat3 Desc:         Formation Top Depth:       0.2000000298023224         Formation End Depth:       0.400000059604645	
Mat2 Desc:           Mat3:           Mat3 Desc:           Formation Top Depth:         0.2000000298023224           Formation End Depth:         0.400000059604645	
Mat3:           Mat3 Desc:           Formation Top Depth:         0.2000000298023224           Formation End Depth:         0.400000059604645	
Formation Top Depth:         0.2000000298023224           Formation End Depth:         0.400000059604645	
Formation End Depth: 0.400000059604645	
<u>Overburden and Bedrock</u> <u>Materials Interval</u>	
Formation ID: 1003269949	
Layer: 1	
Color: General Color:	
General Color:	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1: Most Commo	on Material:				
Mat2:	material				
Mat2 Desc: Mat3:					
Mats. Mats Desc:					
Formation To	op Depth:	0.0			
Formation Er Formation Er	nd Depth: nd Depth UOM:	0.200000002980232 m	24		
Annular Sno	ce/Abandonment				
Sealing Reco					
Plug ID:		1003269956			
Layer: Plug From:		1 0			
Plug To:		0.800000011920929	)		
Plug Depth U	IOM:	m			
<u>Annular Space</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID:		1003269957			
Layer:		2			
Plug From:		0.800000011920929	)		
Plug To:		4.30000019073486			
Plug Depth U		m			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction ID:	1003269960			
	struction Code:				
Method Cons Other Method	struction: d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		1003269948			
Casing No:		0			
Comment: Alt Name:					
Construction	Record - Casing				
Casing ID:	<b>~</b>	1003269958			
Layer:		1			
Material:		5			
Open Hole of		PLASTIC			
Depth From: Depth To:		0 4.5			
Casing Diam	eter:	5.09999990463257			
Casing Diam Casing Dept	eter UOM:	cm m			
Construction	Record - Screen				
Screen ID:		1003269959			
Layer:		1			
Slot:	Do mého	10			
Screen Top L	Depth:				

Мар Кеу	Number Records		Elev/Diff (m)	Site	DB
Screen End Screen Mate Screen Dept Screen Diam Screen Diam	rial: h UOM: neter UOM:	5 m cm 5.80000019073486	6		
Hole Diamete	er				
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	JOM:	1003269955 10.0 4.5 6.0 m cm			
Hole Diamete	<u>er</u>				
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	JOM:	1003269954 20.0 0.0 4.5 m cm			
<u>19</u>	1 of 24	SSE/62.1	67.8 / 1.09	SUNOCO 256 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6W9	SPL
Ref No: Site No: Incident Dt: Year: Incident Eve Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant Nature of Im Receiving M Receiving El MOE Resport Dt MOE ArvI MOE Resport Dt MOE ArvI MOE Report Dt Documen Incident Rea Site Name: Site County/ Site Geo Ref Incident Sun Contaminant	nt: t Code: t Name: t Limit 1: it Freq 1: t UN No 1: t Impact: pact: edium: nv: nse: on Scn: ed Dt: t Closed: son: District: Meth: nmary:	77610 10/16/1992 PIPE/HOSE LEAK NOT ANTICIPATED LAND 10/16/1992 ERROR SUNOCO: 5 L GAS	SOLINE SPILLED	Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Postal Code: Site Region: Site Region: Site Kegion: Site Conc: Northing: Easting: MCCR Site Geo Ref Accu: Site Geo Ref Accu: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type: AT SERVICE STATION	
<u>19</u>	2 of 24	SSE/62.1	67.8 / 1.09	C CORP (ONTARIO) INC ATTN ACCOUNTS PAYABLE 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	PRT
Location ID: Type: Expiry Date:		19762 retail 1996-02-28			
85	erisinfo.co	m   Environmental Risk Inf	ormation Service	es Order No: 2	1070600514

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Capacity (L): Licence #:	:	15926 0076355528			
<u>19</u>	3 of 24	SSE/62.1	67.8 / 1.09	C CORP (ONTARIO) INC. 256 RICHMOND ROAD, WINKS, SWM OTTAWA CITY ON K1Z 6W9	CA
Certificate #: Application Y Issue Date: Approval Tyj Status: Application T Client Name: Client Name: Client Addre Client City: Client Postal Project Desc Contaminant Emission Co	Year: pe: Type: : sss: I Code: cription: ts:	3-1388-97- 97 9/30/1997 Municipal sewage Approved			
<u>19</u>	4 of 24	SSE/62.1	67.8 / 1.09	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	FSTH
License Issu Tank Status: Tank Status Operation Ty Facility Type	As Of: /pe:	8/1/2002 Licensed August 2007 Retail Fuel Outlet Gasoline Station - S	Self Serve		
<u>Details</u> Status: Year of Insta Corrosion Pr Capacity: Tank Fuel Ty	rotection:	Active 1974 22600 Liquid Fuel Single V	Vall UST - Gasoline		
Status: Year of Insta Corrosion Pı Capacity: Tank Fuel Ty	rotection:	Active 1974 22600 Liquid Fuel Single V	Vall UST - Gasoline		
Status: Year of Insta Corrosion Pı Capacity: Tank Fuel Ty	illation: rotection:	Active 1974 22600 Liquid Fuel Single V			
Status: Year of Insta Corrosion Pı Capacity: Tank Fuel Ty	rotection:	Active 1974 22600 Liquid Fuel Single V	Vall UST - Gasoline		
<u>19</u>	5 of 24	SSE/62.1	67.8 / 1.09	MACS CONVENIENCE STORES INC. 256 RICHMOND RD., OTTAWA ON K1Z 6W9	GEN

Map Key	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Generator No:		ON8452	716		PO Box No:	
Status:					Country:	
Approval Year		06			Choice of Contact:	
Contam. Facili					Co Admin:	
MHSW Facility	<i>'</i> :				Phone No Admin:	
SIC Code:		447110				
SIC Descriptio	on:		Gasoline Stations	with Convenience St	tores	
<u>Detail(s)</u>						
Waste Class:			221			
Waste Class D	)esc:		LIGHT FUELS			
<u>19</u>	6 of 24		SSE/62.1	67.8 / 1.09	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	FSTH
License Issue	Date:		8/1/2002			
Tank Status:			Licensed			
Tank Status A	s Of:		December 2008			
<b>Operation Typ</b>	e:		Retail Fuel Outlet			
Facility Type:			Gasoline Station -	Self Serve		
Details						
<u>Status:</u>			Active			
Year of Installa	ation.		1974			
			1974			
Corrosion Pro	tection:		00000			
Capacity:			22600			
Tank Fuel Typ	e:		Liquid Fuel Single	Wall UST - Gasoline		
Status:			Active			
Year of Installa	ation:		1974			
<b>Corrosion Pro</b>	tection:					
Capacity:			22600			
Tank Fuel Typ	e:			Wall UST - Gasoline		
Status:			Active			
Year of Installa	ation:		1974			
Corrosion Pro			1974			
	lection.		22600			
Capacity: Tank Fuel Typ	e:			Wall UST - Gasoline		
	•					
Status:			Active			
Year of Installa	ation:		1974			
<b>Corrosion Pro</b>	tection:					
Capacity:			22600			
Tank Fuel Typ	e:		Liquid Fuel Single	Wall UST - Gasoline		
Status:			Active			
Year of Installa	ation:		1997			
Corrosion Pro						
Capacity:			50000			
Tank Fuel Typ	e:			Wall UST - Gasolin	e	
Status:			Active			
Year of Installa	ation:		1997			
Corrosion Pro						
Capacity:			25000			
Tank Fuel Typ	e:			Wall UST - Gasolin	e	
19	7 of 24		SSE/62 4	67.8 / 1.09		
1.9	1 01 24		SSE/62.1	07.071.09	MAC'S CONVENIENCE STORES INC**	DTNK

Order No: 21070600514

Map Key	Number Records		Elev/Diff (m)	Site	DI
				256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	
Delisted Expi Facilities	ired Fuel Sa	<u>ifety</u>			
Instance No: Status: Instance ID: Instance Typ Description: TSSA Progra Maximum Ha Facility Type.	m Area: zard Rank: :	63309344 EXPIRED 347030 FS Piping FS Piping			
Expired Date Original Sou Record Date:	rce:	EXP Up to Mar 2012			
<u>19</u>	8 of 24	SSE/62.1	67.8 / 1.09	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	DTNI
Delisted Expl Facilities	ired Fuel Sa	<u>ifety</u>			
Instance No: Status: Instance ID: Instance Typ Description: TSSA Progra Maximum Ha Facility Type.	m Area: zard Rank:	11106213 EXPIRED 69351 FS Piping FS Piping			
Expired Date Original Sour Record Date:	: rce:	EXP Up to Mar 2012			
<u>19</u>	9 of 24	SSE/62.1	67.8 / 1.09	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	FST
Instance No: Status: Cont Name: Instance Typ Item: Item Descript Tank Type: Install Date: Install Year: Years in Serv Model: Description: Capacity: Tank Materia Corrosion Pr Overfill Prote	tion: /ice: l: otect:	11515366 FS Liquid Fuel Tank FS LIQUID FUEL TANK FS Liquid Fuel Tank Double Wall UST 5/20/2009 1997 NULL 25000 Steel		Manufacturer:Serial No:Ulc Standard:Quantity:Unit of Measure:Fuel Type:GasolineFuel Type2:NULLFuel Type3:NULLPiping Steel:Piping Galvanized:Tanks Single Wall St:Piping Underground:Num Underground:Panam Related:Panam Venue:	
Facility Type Parent Facilit Facility Loca	: ty Type:	FS Liquid Fuel Ta FS Gasoline Stati			

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Device Insta	lled Locatio	n:	256 RICHMOND R	D AT TWEEDSMU	JIR AVE OTTAWA K1Z 6W9	ON CA	
<u>Fuel Storage</u>	e Tank Detai	ils					
Owner Acco	unt Name:		MAC'S CONVENIE	ENCE STORES IN	с		
<u>19</u>	10 of 24		SSE/62.1	67.8 / 1.09	MAC'S CONVENIENC 256 RICHMOND RD A OTTAWA K1Z 6W9 OI ON	T TWEEDSMUIR AVE	FST
Instance No: Status: Cont Name: Instance Typ Item: Item Descrip Tank Type: Install Date: Install Year: Years in Ser Model: Description: Capacity: Tank Materia Corrosion Pl Overfill Proto Facility Type Parent Facili Facility Loca Device Insta	be: htion: vice: al: rotect: ect: b: ity Type: htion: lled Locatio <u>e Tank Detai</u>	FS LIQUI FS Liquic Double W 5/20/2009 1997 NULL 50000 Steel	I Fuel Tank ID FUEL TANK I Fuel Tank Vall UST 9 FS Liquid Fuel Tan FS Gasoline Statio	n - Self Serve	Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:	Gasoline NULL NULL	
<u>19</u>	11 of 24		SSE/62.1	67.8 / 1.09	MAC'S CONVENIENC 256 RICHMOND RD A OTTAWA K1Z 6W9 OI ON	T TWEEDSMUIR AVE	EXP
Instance No: Status: Instance ID: Instance Typ Instance Cre Instance Inst Item Descrip Facility Type Overfill Prot	be: eation Dt: tall Dt: otion: e:	5/20/200 FS Liquic FS LIQUI NULL	0 8:15:15 PM		Model: Quantity: Unit of Measure: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: Panam Venue Nm:	NULL 1 EA NULL NULL NULL	

Мар Кеу	Numbe Record		Elev/Diff (m)	Site		D
<u>19</u>	12 of 24	SSE/62.1	67.8 / 1.09	MAC'S CONVENIEN 256 RICHMOND RD OTTAWA K1Z 6W9 ( ON	AT TWEEDSMUIR AVE	EXF
Instance No	):	11106161		Model:	NULL	
Status:		EXPIRED		Quantity:	1	
Instance ID.				Unit of Measure:	EA	
Instance Ty	•	7/10/2000 8:15:15 DM		Fuel Type2:	NULL NULL	
Instance Cr Instance Ins		7/19/2000 8:15:15 PM 5/20/2009		Fuel Type3: Piping Steel:	NULL	
ltem:		5/20/2005		Piping Galvanized:		
Item Descri	ption:	FS Liquid Fuel Tank		Tank Single Wall St:		
Facility Typ	e:	FS LIQUID FUEL TANK		Piping Underground:		
Overfill Pro	•••	NULL		Tank Underground:		
Creation Da		7/5/2009 1:23:50 AM		Panam Related:	NULL	
Expired Dat		NU U 1		Panam Venue Nm:	NULL	
Manufactur Source:	er:	NULL FS Liquid Fuel Ta	nk			
Source: Description	-	2009VBS	lik.			
Description	-	UNDERGROUND	TANK			
Serial No:		NULL	.,			
Ulc Standar	d:	NULL				
Facility Loc	ation:	256 RICHMOND	RD AT TWEEDSM	IUIR AVE OTTAWA K1Z 6W	V9 ON CA	
<u>19</u>	13 of 24	SSE/62.1	67.8 / 1.09	MAC'S CONVENIEN 256 RICHMOND RD OTTAWA K1Z 6W9 ( ON	AT TWEEDSMUIR AVE	EXI
Instance No		11106144		Model:	NULL	
Status:		EXPIRED		Quantity:	1	
Instance ID:	:			Unit of Measure:	EA	
Instance Ty	pe:			Fuel Type2:	NULL	
Instance Cr		7/19/2000 8:15:15 PM		Fuel Type3:	NULL	
Instance Ins	stall Dt:	5/20/2009		Piping Steel:		
ltem: Kom Docori	ntion	FC Liquid Fuel Teak		Piping Galvanized:		
ltem Descri <sub>l</sub> Facility Typ		FS Liquid Fuel Tank FS LIQUID FUEL TANK		Tank Single Wall St: Piping Underground:		
Overfill Pro		NULL		Tank Underground:		
Creation Da		7/5/2009 1:23:51 AM		Panam Related:	NULL	
Expired Dat				Panam Venue Nm:	NULL	
Manufactur	er:	NULL				
Source:		FS Liquid Fuel Ta	nk			
Description	:	2009VBS				
		UNDERGROUND	TANK			
Serial No: Ulc Standar	a.	NULL NULL				
Facility Loc			RD AT TWEEDSM	IUIR AVE OTTAWA K1Z 6W	V9 ON CA	
19	14 of 24	SSE/62.1	67.8 / 1.09	MAC'S CONVENIEN	CE STORES INC	EXI
				256 RICHMOND RD OTTAWA K1Z 6W9 ( ON	AT TWEEDSMUIR AVE ON CA	LA
				Model:	NULL	
Instance No	);	11106181			-	
	):	11106181 EXPIRED		Quantity:	1	
Status:				<i>Quantity: Unit of Measure:</i>	1 EA	
Status: Instance ID: Instance Ty	: pe:	EXPIRED		Unit of Measure: Fuel Type2:	EA NULL	
Status: Instance ID: Instance Ty Instance Cr	: pe: eation Dt:	EXPIRED 7/19/2000 8:15:15 PM		Unit of Measure: Fuel Type2: Fuel Type3:	EA	
Instance No Status: Instance ID: Instance Ty Instance Ins Instance Ins Item:	: pe: eation Dt:	EXPIRED		Unit of Measure: Fuel Type2:	EA NULL	

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Item Descripti Facility Type: Overfill Prot T Creation Date Expired Date: Manufacturer: Source: Description: Serial No: Ulc Standard: Facility Locati	ype: :	FS LIQU NULL	d Fuel Tank ID FUEL TANK 1:23:53 AM FS Liquid Fuel Tank 2009VBS UNDERGROUND T NULL NULL 256 RICHMOND RI	ANK	Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: Panam Venue Nm: R AVE OTTAWA K1Z 6W9	NULL NULL ON CA	
<u>19</u>	15 of 24		SSE/62.1	67.8 / 1.09			FST
Instance No: Status: Cont Name: Instance Type Item: Item Descripti Tank Type: Install Date: Install Year: Years in Servi Model: Description: Capacity: Tank Material: Corrosion Pro Overfill Protect Facility Type: Parent Facility Facility Locati Device Installe	ion: ice: otect: ct: / Type: ion: ed Locatio	FS LIQU FS Liquid Double V 6/7/2016 2016 NULL NULL 75000 Fiberglas Fiberglas	d Fuel Tank ID FUEL TANK d Fuel Tank Vall UST 10:39:25 AM ss (FRP) ss FS Liquid Fuel Tank FS Gasoline Statior 256 RICHMOND RI	n - Self Serve D AT TWEEDSMUI	Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Num Underground: Panam Related: Panam Venue: R AVE OTTAWA K1Z 6W9 R AVE OTTAWA K1Z 6W9		
Owner Accour		l	MAC'S CONVENIE	NCE STORES INC			
Overfill Protec Owner Accour		Gravity	MAC'S CONVENIE	NCE STORES INC			
<u>19</u>	16 of 24		SSE/62.1	67.8 / 1.09			FST
Instance No: Status: Cont Name: Instance Type Item:			7 d Fuel Tank ID FUEL TANK		Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure:	NULL NULL NULL 1 EA	

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	mber of cords	Direction/ Distance (m	Elev/Diff ) (m)	Site		DE
Item Description: Tank Type: Install Date: Install Year: Years in Service: Model: Description: Capacity:	Double \	d Fuel Tank Wall UST § 10:40:25 AM		Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground:	Diesel Gasoline NULL	
Tank Material: Corrosion Protect: Overfill Protect:	Fibergla	ss (FRP) ss		Panam Related: Panam Venue:	NULL NULL	
Facility Type: Parent Facility Typ Facility Location: Device Installed Lo			ion - Self Serve RD AT TWEEDSM	UIR AVE OTTAWA K1Z 6W9 UIR AVE OTTAWA K1Z 6W9		
Fuel Storage Tank	<u>Details</u>					
Owner Account Na	me:	MAC'S CONVEN	IENCE STORES IN	IC		
Liquid Fuel Tank D	etails					
Overfill Protection: Owner Account Na	,	MAC'S CONVEN	IENCE STORES IN	IC		
<u>19</u> 17 of	<sup>5</sup> 24	SSE/62.1	67.8 / 1.09	MAC'S CONVENIENC 256 RICHMOND RD,A OTTAWA,ON,K1Z 6W ON	T TWEEDSMUIR AVE,	INC
Incident No: Incident ID: Instance No: Status Code: Attribute Category: Context: Date of Occurrence Time of Occurrence Incident Created O Instance Creation I Instance Install Dt: Occur Insp Start Da Approx Quant Rel: Tank Capacity: Fuels Occur Type: Fuels Cocur Type: Tank Capacity: Fuels Occur Type: Tank Storage Type Tank Location Type Pump Flow Rate Ca Task No: Notes: Drainage System: Sub Surface Conta Aff Prop Use Water Contact Natural En Incident Location: Occurence Narrativ	FS Facil e: 9/2/2015 e: 1/29/199 1/29/199 ate: f: y: e: ap: m.: r:	9 lent ity 5 92 92	RD,AT TWEEDSM	Any Health Impact: Any Enviro Impact: Service Interrupted: Was Prop Damaged: Reside App. Type: Commer App. Type: Indus App. Type: Institut App. Type: Venting Type: Vent Conn Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved: Pipe Material: Depth Ground Cover: Regulator Location: Regulator Type: Operation Pressure: Liquid Prop Make: Liquid Prop Model: Liquid Prop Notes: Equipment Type: Equipment Model: Serial No: Cylinder Capacity: Cylinder Capacity: Cylinder Capacity: Near Body of Water: UIR AVE,OTTAWA,ON,K1Z	6W9,CA	
Occurence Narrativ Operation Type Inv Item:		FS GASOLINE S	TATION - SELF SE	RVE		

Мар Кеу	Number Records		Elev/Diff (m)	Site		DB
Item Descrip Device Insta		FS Gasoline Station n: 256 RICHMOND RI		UIR AVE OTTAWA K1Z 6W9 (	DN CA	
<u>19</u>	18 of 24	SSE/62.1	67.8 / 1.09	MAC'S CONVENIENCE 256 RICHMOND RD AT OTTAWA K1Z 6W9 ON ON	TWEEDSMUIR AVE	EXP
Instance No: Status: Instance ID: Instance Typ Instance Cree Instance Inst Item: Item Descrip Facility Type Overfill Prot Creation Date Expired Date Manufacture Source: Description: Serial No: Ulc Standard Facility Loca	be: eation Dt: tall Dt: otion: e: Type: te: e: e: e: e: t:	11515366 Inactive 7/19/2000 8:15:15 PM 5/20/2009 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 RE		Quantity: Unit of Measure: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related:	NULL 1 EA NULL NULL NULL	
<u>19</u>	19 of 24	SSE/62.1	67.8 / 1.09	MAC'S CONVENIENCE 256 RICHMOND RD AT OTTAWA K1Z 6W9 ON ON	TWEEDSMUIR AVE	EXP
Instance No: Status: Instance ID: Instance Typ Instance Cre Instance Inst Item Descrip Facility Type Overfill Prot Creation Date Expired Date Manufacture Source: Description: Serial No: UIC Standard Facility Loca	be: eation Dt: tall Dt: btion: b: Type: te: b: b: r: d:	11515358 Inactive 7/19/2000 8:15:15 PM 5/20/2009 FS Liquid Fuel Tank FS LIQUID FUEL TANK NULL 7/5/2009 1:25:44 AM NULL FS Liquid Fuel Tank 2009VBS NULL NULL 256 RICHMOND RI		Quantity: Unit of Measure: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related:	NULL EA NULL NULL NULL	
<u>19</u>	20 of 24	SSE/62.1	67.8 / 1.09	MAC'S CONVENIENCE 256 RICHMOND RD AT OTTAWA K1Z 6W9 ON ON	TWEEDSMUIR AVE	FST
Instance No: Status: Cont Name: Instance Typ		11106181		Manufacturer: Serial No: Ulc Standard: Quantity:		

Map Key	Numbe Record		Direction/ Distance (m	Elev/Diff ) (m)	Site		DB
Item: Item Descrip Tank Type: Install Date: Install Year: Years in Ser Model: Description: Capacity: Tank Materia Corrosion Pi Overfill Prote Facility Type Parent Facili Facility Loca Device Insta	vice: nl: rotect: ect: e: ity Type: ntion:	FS Liquid Liquid Fu 5/20/200 1974 NULL 22600 Steel	FS Liquid Fuel Ta	ank	Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue: UIR AVE OTTAWA K1Z 6W9	Gasoline NULL NULL	
Fuel Storage						UNCA	
Owner Acco	unt Name:		MAC'S CONVEN	IENCE STORES IN	IC		
<u>19</u>	21 of 24		SSE/62.1	67.8 / 1.09	256 RICHMOND RD A OTTAWA ON K1Z 6W		FST
Instance No: Status: Cont Name: Instance Type: Item: Item Description: Tank Type: Install Date: Install Year: Years in Service: Model: Description: Capacity: Tank Material: Corrosion Protect: Overfill Protect: Facility Type: Parent Facility Type: Facility Location: Device Installed Locati					Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:		
<u>19</u>	22 of 24		SSE/62.1	67.8 / 1.09	MAC'S CONVENIENC 256 RICHMOND RD A OTTAWA K1Z 6W9 OI ON	T TWEEDSMUIR AVE	FST
Instance No: Status: Cont Name: Instance Typ Item: Item Descrip Tank Type: Install Date: Install Year: Years in Ser Model: Description: Capacity:	tion: vice:	FS Liquid	ID FUEL TANK 5 Fuel Tank 1el Single Wall US	г	Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground:	Gasoline NULL NULL	

Map Key	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Tank Mater Corrosion Overfill Pro Facility Typ Parent Fac	Protect: otect: oe:	Steel	FS Liquid Fuel Tank	ζ.	Panam Related: Panam Venue:		
Facility Loo		on:	256 RICHMOND RI	D AT TWEEDSM	UIR AVE OTTAWA K1Z 6W9	ON CA	
Fuel Storag	ge Tank Deta	<u>ils</u>					
Owner Acc	ount Name:		MAC'S CONVENIE	NCE STORES IN	NC		
<u>19</u>	23 of 24		SSE/62.1	67.8 / 1.09	MAC'S CONVENIENCE 256 RICHMOND RD A1 OTTAWA K1Z 6W9 ON ON	TWEEDSMUIR AVE	FST
Instance No: Status: Cont Name: Instance Type: Item: Item Description: Tank Type: Install Date: Install Year: Years in Service: Model: Description: Capacity: Tank Material: Corrosion Protect: Overfill Protect: Facility Type: Parent Facility Type: Facility Location: Device Installed Locati Fuel Storage Tank Deta Owner Account Name:					Manufacturer:         Serial No:         Ulc Standard:         Quantity:         Unit of Measure:         Fuel Type:       Gasoline         Fuel Type2:       NULL         Fuel Type3:       NULL         Piping Steel:       NULL         Piping Galvanized:       Tanks Single Wall St:         Piping Underground:       Num Underground:         Num Underground:       Panam Related:         Panam Venue:       TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA		
<u>19</u>	24 of 24		SSE/62.1	67.8 / 1.09	MAC'S CONVENIENCE 256 RICHMOND RD AT OTTAWA K1Z 6W9 ON ON	TWEEDSMUIR AVE	FST
Instance No Status: Cont Name Instance Ty Item: Item Descri Tank Type: Install Date Install Year Years in Se Model: Description Capacity: Tank Mater Corrosion I Overfill Pro	: /pe: iption: :: :: vrvice: 1: ial: Protect:	FS Liquid	ID FUEL TANK I Fuel Tank Iel Single Wall UST		Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:	Gasoline NULL NULL	

Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site	Ľ
Facility Type: Parent Facility Facility Locati			FS Liquid Fuel Tank	K		
Device Installe		on:	256 RICHMOND RI	O AT TWEEDSM	UIR AVE OTTAWA K1Z 6W	V9 ON CA
Fuel Storage 1	Tank Deta	<u>ils</u>				
Owner Accour	nt Name:		MAC'S CONVENIE	NCE STORES IN	۱C	
<u>20</u>	1 of 1		SE/64.9	67.8/1.12	TWEEDSMURI NOR Ottawa ON	TH OF RICHMOND RD. WW.
Well ID:		7136558			Data Entry Status:	
Construction					Data Src:	
Primary Water		Monitoring	g		Date Received:	12/21/2009
Sec. Water Us		Ohaamuat			Selected Flag:	True
Final Well Stat Water Type:	tus:	Observati	on wens		Abandonment Rec: Contractor:	7241
Casing Materia	al·				Form Version:	7
Audit No:	u.,	Z106622			Owner:	
Tag:		A092322			Street Name:	TWEEDSMURI NORTH OF RICHMOND R
Construction l					County:	OTTAWA
Elevation (m):					Municipality:	OTTAWA CITY
Elevation Relia	•				Site Info: Lot:	
Depth to Bedro Well Depth:	OCK.				Concession:	
Overburden/B	edrock:				Concession Name:	
Pump Rate:					Easting NAD83:	
Static Water L					Northing NAD83:	
Flowing (Y/N): Flow Rate: Clear/Cloudy:					Zone: UTM Reliability:	
PDF URL (Map	o):		https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/713\7136558.pdf
Additional Det	tail(s) (Ma	<u>p)</u>				
Well Complete	ad Data		2009/11/05			
Year Complete			2009			
Depth (m):						
Latitude:			45.3935605635419			
Longitude: Path:			-75.7499184599365 713\7136558.pdf	5		
Bore Hole Info	ormation					
Bore Hole ID:		10029032	277		Elevation:	68.099342
DP2BR:					Elevrc:	10
Spatial Status.	:				Zone:	18
Code OB: Code OB Desc	<b>~</b> ·				East83: North83:	441301.00 5026945.00
Open Hole:					Org CS:	UTM83
Cluster Kind:					UTMRC:	4
Date Complete	ed:	05-Nov-2	009 00:00:00		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:					Location Method:	wwr
	<b>.</b> .					
Elevrc Desc:						
Location Sour		Source				
Location Sour Improvement	Location S					
Location Sour	Location Location l	Method:				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Annular Space	<u>ce/Abandonment</u> ord				
Plug ID:		1003094007			
Layer:		3			
Plug From:		9			
Plug To:		20 ft			
Plug Depth L		п			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID:		1003094006			
Layer:		2			
Plug From:		0.5			
Plug To:		9 ft			
Plug Depth L	iom.	п			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID:		1003094005			
Layer:		1			
Plug From: Plug To:		0 0.5			
Plug Depth L	IOM·	ft			
r lug Deptir e		it is a second s			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction ID:	1003094012			
	struction Code:	5			
Method Cons		Air Percussion			
Other Metho	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		1003094002			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		1003094009			
Layer:		1			
Material:		5			
Open Hole of		PLASTIC			
Depth From: Depth To:		0 10			
Casing Diam	eter:	1.25			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<b>Construction</b>	Record - Screen				
Screen ID:		1003094010			
Layer:		1			
Slot:	Denthe	10			
Screen Top L Screen End L	Jeptn: Denth:	10 20			
Scietii Elid I	Jepui.	20			

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Screen Mater			5				
Screen Depth			ft				
Screen Diame Screen Diame			inch 1.5				
Screen Diame	iler.		1.5				
Water Details							
Water ID: Layer:			1003094008				
Kind Code:							
Kind:							
Water Found		-					
Water Found	Depth UOM	1:	ft				
Hole Diamete	<u>r</u>						
Hole ID:			1003094004				
Diameter:			3.25				
Depth From: Depth To:			0.0 20.0				
Hole Depth U	OM:		ft				
Hole Diamete			inch				
<u>21</u>	1 of 1		ESE/65.2	66.8 / 0.04	TWEEDSMUIR R NOI ON	RTH OF RICHMOND RD.	WWIS
Well ID:		7136559			Data Entry Status:		
Construction	Date:	1100000			Data Src:		
Primary Wate		Monitoring	g		Date Received:	12/21/2009	
Sec. Water Us					Selected Flag:	True	
Final Well Sta	tus:	0			Abandonment Rec:	70.14	
Water Type:	al.				Contractor: Form Version:	7241 7	
Casing Mater Audit No:	ai.	Z106623			Owner:	7	
Tag:		A092413			Street Name:	TWEEDSMUIR R NORTH OF	RICHMOND RI
Construction	Method:				County:	OTTAWA	
Elevation (m).					Municipality:	OTTAWA CITY	
Elevation Rel					Site Info:		
Depth to Bedi Well Depth:	rock:				Lot:		
overburden/E	Redrock <sup>.</sup>				Concession: Concession Name:		
Pump Rate:					Easting NAD83:		
Static Water L	.evel:				Northing NAD83:		
Flowing (Y/N)	:				Zone:		
Flow Rate: Clear/Cloudy:					UTM Reliability:		
PDF URL (Ma	p):		https://d2khazk8e83	Brdv.cloudfront.n	et/moe_mapping/downloads/	2Water/Wells_pdfs/713\7136559.	pdf
Additional De	tail(s) (Map	2					
Well Complet	ed Date <sup>.</sup>		2009/11/05				
Year Complet			2009				
Depth (m):							
Latitude:			45.3936331548876				
Longitude:			-75.7498299902651	1			
Path:			713\7136559.pdf				
Bore Hole Infe	ormation						
Bore Hole ID: DP2BR:		10029032	280		Elevation: Elevrc:	68.496704	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Spatial Status				Zone:	18	
Code OB:				East83:	441308.00	
Code OB Des	C:			North83:	5026953.00	
Open Hole:				Org CS:	UTM83	
<b>Cluster Kind:</b>				UTMRC:	4	
Date Complet	ed 05-Nov	-2009 00:00:00		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:		2000 00.00100		Location Method:	wwr	
Elevrc Desc:				Eccation method.	****	
	<b>.</b> .					
Location Sou						
Improvement	Location Source:					
Improvement	Location Method:					
Source Revis	ion Comment:					
Supplier Com	iment:					
<u>Annular Spac</u> <u>Sealing Reco</u>	e/Abandonment					
Sealing Reco	ra					
Plug ID:		1003094018				
Layer:		2				
Plug From:		0.5				
Plug To:		11				
Plug Depth U	OM-	ft				
Flug Depth O	01.	π				
<u>Annular Spac</u> <u>Sealing Reco</u>	e/Abandonment rd					
Plug ID:		1003094019				
		3				
Layer:						
Plug From:		11				
Plug To:		22				
Plug Depth U	ОМ:	ft				
<u>Annular Spac</u> <u>Sealing Reco</u>	e/Abandonment rd					
Plug ID:		1003094017				
Layer:		1				
Plug From:		0				
Plug To:		0.5				
Plug Depth U	ОМ:	ft				
<u>Method of Co</u> Use	nstruction & Well					
<u>Use</u>						
Method Cons		1003094024				
	truction Code:	5				
Method Cons	truction:	Air Percussion				
Other Method	Construction:					
<u>Pipe Informat</u>	ion					
Pino ID:		1002004014				
Pipe ID:		1003094014				
Casing No:		0				
Comment: Alt Name:						
	<u>Record - Casing</u>					
		1003004024				
Casing ID:		1003094021				
		1003094021 1 5				

Map Key	Number Records		Elev/Diff (m)	Site		DB
Open Hole or I Depth From: Depth To: Casing Diamet Casing Diamet Casing Depth	ter: ter UOM:	PLASTIC 0 12 1.25 inch ft				
Construction F	Record - Se	creen				
Screen ID: Layer: Slot: Screen Top De Screen End De Screen Materia Screen Depth Screen Diamet Screen Diamet	epth: al: UOM: ter UOM:	1003094022 1 10 12 22 5 ft inch 1.5				
Water Details						
Water ID: Layer: Kind Code: Kind:		1003094020				
Water Found D Water Found D		<b>1:</b> ft				
Hole Diameter						
Hole ID: Diameter: Depth From: Depth To: Hole Depth UC Hole Diameter		1003094016 3.25 0.0 22.0 ft inch				
<u>22</u>	1 of 26	ESE/73.1	66.8 / 0.06	PETRO-CANADA 236 RICHMOND ROA OTTAWA CITY ON K1		SPL
Ref No: Site No: Incident Dt: Year: Incident Cause Incident Event Contaminant C Contaminant L Contam Limit I Contam Limit I Contaminant U Environment II Nature of Impa Receiving Med Receiving Env	:: Code: Name: Limit 1: Freq 1: JN No 1: mpact: act: dium:	99874 5/14/1994 CONTAINER OVERFLOW CONFIRMED Soil contamination LAND		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 Region: Site Kegion: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu:	20101 OTTAWA POLICE, WORKS DEPT.	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Site County/I Site Geo Ref Incident Sun Contaminant	Meth: nmary:	PETRO-CANADA:	WASTE OIL OVE	RFLOWED FROM TANK ON- TO STREETS. CLEANED UP.	
22	2 of 26	ESE/73.1	66.8 / 0.06	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	PRI
Location ID: Type: Expiry Date: Capacity (L): Licence #:		11057 retail 1995-06-30 0 0021760001			
22	3 of 26	ESE/73.1	66.8 / 0.06	NICK'S SERVICE CENTRE 236 RICHMOND RD OTTAWA ON K1Z6W6	RST
Headcode: Headcode De Phone: List Name: Description:	esc:	1186800 Service Stations-Ga 6137291122	asoline, Oil & Natu	iral Gas	
<u>22</u>	4 of 26	ESE/73.1	66.8 / 0.06	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	DTNK
<u>Delisted Exp</u> Facilities	ired Fuel Safety				
Instance No: Status: Instance ID: Instance Typ Description: TSSA Progra	e: m Area:	9545808 EXPIRED FS Facility			
Maximum Ha Facility Type Expired Date Original Sou Record Date	: :: rce:	6/2/2001 EXP Up to May 2013			
<u>22</u>	5 of 26	ESE/73.1	66.8 / 0.06	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON	DTNK
<u>Delisted Exp</u> Facilities	ired Fuel Safety				
Instance No: Status: Instance ID: Instance Typ		11342180 EXPIRED 79662 FS Piping			

Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
TSSA Progra Maximum Ha Facility Type Expired Date Original Sou Record Date	azard Rank: e: e: ırce:		EXP Up to Mar 2012				
<u>22</u>	6 of 26		ESE/73.1	66.8/0.06		DTTAWA K1Z 6W6 ON CA DTTAWA K1Z 6W6 ON CA	FST
Instance No: Status: Cont Name: Instance Typ Item: Item Descrip Tank Type: Install Date: Install Date: Install Year: Years in Ser Model: Description: Capacity: Tank Materia Corrosion Proto Facility Type Parent Facili Facility Loca Device Insta	be: btion: vice: al: rotect: ect: ect: et: ity Type: ation: ation: ulled Locatio	FS LIQUI FS Liquic Single W 9/17/1990 14.5 NULL 35000 Steel Coating	d Fuel Tank ID FUEL TANK d Fuel Tank all Horizontal AST	n - Split Serve D OTTAWA K1Z		NULL NULL 1 EA Gasoline NULL NULL NULL	
<u>Fuel Storage</u> Owner Acco		<u>ils</u>		ſD			
Liquid Fuel 1	Tank Details	<u>6</u>					
Overfill Prote Owner Acco		NULL		ſD			
<u>22</u>	7 of 26		ESE/73.1	66.8 / 0.06		DTTAWA K1Z 6W6 ON CA DTTAWA K1Z 6W6 ON CA	FST
Instance No: Status: Cont Name: Instance Typ Item: Item Descrip Tank Type: Install Date: Install Pear: Years in Ser Model: Description: Capacity: Tank Materia Corrosion Pi Overfill Prote	oe: otion: vice: al: rotect:	FS LIQUI FS Liquid	d Fuel Tank ID FUEL TANK d Fuel Tank all Horizontal AST		Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:	NULL NULL 1 EA Gasoline NULL NULL NULL	

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Facility Type Parent Facil Facility Loca Device Insta	lity Type: ation:	on:	FS Liquid Fuel Tank FS Gasoline Station 236 RICHMOND RD 236 RICHMOND RD	- Split Serve OTTAWA K1Z 6			
Fuel Storage	e Tank Deta	<u>ils</u>					
Owner Acco	ount Name:		BELWINDY ENT LTI	D			
Liquid Fuel	Tank Details	<u>s</u>					
Overfill Prot Owner Acco		NULL	BELWINDY ENT LTI	D			
<u>22</u>	8 of 26		ESE/73.1	66.8/0.06		TTAWA K1Z 6W6 ON CA TTAWA K1Z 6W6 ON CA	FST
Instance No Status: Cont Name: Instance Ty, Item: Item Descrip Tank Type: Install Date: Install Year: Years in Sel Model: Description. Capacity: Tank Materi Corrosion P Overfill Prot Facility Typ Parent Facil Facility Loc: Device Insta Fuel Storage Owner Acco Liquid Fuel Overfill Prot Owner Acco	pe: ption: ption: rvice: : al: Protect: tect: e: alled Locatic e Tank Details punt Name: Tank Details tection:	FS LIQU FS Liqui Single W 9/17/199 1996 14.5 NULL 25000 Steel Coating	d Fuel Tank IID FUEL TANK d Fuel Tank /all Horizontal AST	OTTAWA K1Z 6 OTTAWA K1Z 6		NULL NULL 1 EA Gasoline NULL NULL NULL	
<u>22</u>	9 of 26		ESE/73.1	66.8 / 0.06	Enbridge Gas Distribi 238 Richmond Road Ottawa ON	ution Inc.	SPL
Ref No: Site No: Incident Dt: Year: Incident Cau Incident Eve Contaminan Contaminan	use: ent: nt Code:	5783-9B 2013/09/ Leak/Bre 35 NATUR/	/11		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address:	Pipeline/Components 238 Richmond Road	

Order No: 21070600514

Map Key	Numbe Record		Elev/Diff (m)	Site		DB
Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:		Not Anticipated Air Pollution Referral to others 2013/09/11 Operator/Human Error line damage <unof Enbridge: 1" steel so 1 m<sup>3</sup></unof 		Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	Ottawa TSSA - Fuel Safety Branch - Hydrocarbon Fu Release/Spill	
<u>22</u>	10 of 26 ESE/73.1 66.8 / 0.06 NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON			EXP		
Instance No. Status: Instance ID: Instance Typ Instance Cre Instance Ins Item: Item Descrip Facility Type Overfill Prot Creation Date Expired Date Manufacture Source: Description: Serial No: UIc Standard Facility Loca	be: eation Dt: tall Dt: otion: e: type: te: e: e: e: e: e: e: e: e:	11342118 EXPIRED 10/2/1989 10/2/1989 FS Liquid Fuel Tank FS LIQUID FUEL TANK NULL 7/5/2009 1:24:46 AM NULL FS Liquid Fuel Tank NULL NULL NULL 236 RICHMOND RE		Model: Quantity: Unit of Measure: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: Panam Venue Nm:	NULL 1 EA NULL NULL NULL	
22	11 of 26	ESE/73.1	66.8 / 0.06		SERVICE CENTRE LTD OTTAWA K1Z 6W6 ON CA	EXP
Instance No. Status: Instance ID: Instance Typ Instance Cre Instance Ins Item: Item Descrip Facility Type Overfill Prot Creation Date Expired Date Manufacture Source: Description: Serial No:	be: eation Dt: tall Dt: otion: e: Type: te: e: e: e:	11342159 EXPIRED 10/2/1989 10/2/1989 FS Liquid Fuel Tank FS LIQUID FUEL TANK NULL 7/5/2009 1:24:49 AM NULL FS Liquid Fuel Tank NULL NULL	:	Model: Quantity: Unit of Measure: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: Panam Venue Nm:	NULL 1 EA NULL NULL NULL	

Мар Кеу	Numbel Record			Site		D
Ulc Standard Facility Loca		NULL 236 RICHMON	ID RD OTTAWA K1Z	6W6 ON CA		
<u>22</u>	12 of 26	ESE/73.1	66.8 / 0.06		SERVICE CENTRE LTD DTTAWA K1Z 6W6 ON CA	EXF
Instance No: Status: Instance ID: Instance Type: Instance Creation Dt: Instance Install Dt: Item: Item Description: Facility Type: Overfill Prot Type: Creation Date: Expired Date: Manufacturer: Source: Description: Serial No: Ulc Standard: Facility Location:		11342096 EXPIRED 10/2/1989 10/2/1989 FS Liquid Fuel Tank FS LIQUID FUEL TANK NULL 7/5/2009 1:24:51 AM NULL FS Liquid Fuel NULL NULL NULL NULL 236 RICHMON	Tank ID RD OTTAWA K1Z	Model: Quantity: Unit of Measure: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: Panam Venue Nm:	NULL 1 EA NULL NULL NULL	
22	13 of 26	E\$E/73.1	66.8 / 0.06		SERVICE CENTRE LTD DTTAWA K1Z 6W6 ON CA	EXF
Instance No. Status: Instance ID: Instance Tyj Instance Cre Instance Ins Item: Item: Facility Type Overfill Prot Creation Date Manufacture Source: Description: Serial No: UIC Standard Facility Loca	be: eation Dt: tall Dt: otion: e: Type: te: e: e: e: e:	11342137 EXPIRED 10/2/1989 10/2/1989 FS Liquid Fuel Tank FS LIQUID FUEL TANK NULL 7/5/2009 1:24:52 AM NULL FS Liquid Fuel NULL NULL NULL NULL 236 RICHMON	Tank ID RD OTTAWA K1Z	Model: Quantity: Unit of Measure: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: Panam Venue Nm:	NULL 1 EA NULL NULL NULL	
<u>22</u>	14 of 26	ESE/73.1	66.8 / 0.06	INC.	MAIN URBAN PROPERTIES D, OTTAWA, ON K1Z 6W6	RSC
RSC ID: RA No: RSC Type: Curr Properd Ministry Dist Filing Date:		223185 Phase 1 and 2 RSC Commercial Ottawa District Office 2017/04/27		Cert Date: Cert Prop Use No: Intended Prop Use: Qual Person Name: Stratified (Y/N): Audit (Y/N):	Residential MARK D'ARCY	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Date Ack:				Entire Leg Prop. (Y/N):	
Date Returned				Accuracy Estimate:	
Restoration Ty	ype:			Telephone:	
Soil Type:				Fax:	
Criteria:				Email:	
CPU Issued Se	ect				
1686:					
Asmt Roll No:		0614084401014000	000		
Prop ID No (Pl	IN):	04021-0169 (LT)			
	icipal Address:	236 RICHMOND RC	DAD, OTTAWA, (	ON K1Z 6W6	
Mailing Addre	SS:				
Latitude & La	titude:				
UTM Coordina	ntes:				
Consultant:					
Legal Desc:					
Measurement	Method:				
Applicable Sta					
RSC PDF:		https://www.lrcsde.lr	c dov on ca/BEIS	SWebPublic/pub/viewDocument.action?	
		attachmentId=77806			
Document(s) I	<u>Detail</u>				
Document Hea	adina:	Supporting Docume	nts		
Document Na	•	Plan of survey.pdf			
Document Typ		A Current plan of Su	irvev		
Document Lin				SWebPublic/pub/viewDocument.action?	
Doouniont En		attachmentId=77808	&fileName=Plan	i+of+survey.pdf	
Document Hea	ading:	Supporting Docume			
Document Nai	me:	Past and Current Us	e.pdf		
Document Typ	oe:	Table of Current and	l Past Property L	Jse	
Document Lin	k:			SWebPublic/pub/viewDocument.action? t+and+Current+Use.pdf	
Document Hea	adina:	Supporting Docume		·	
Document Na	•	Lawyer letter.pdf	1113		
Document Typ			isting of a legal d	lescription of the property	
Document Typ Document Lin				SWebPublic/pub/viewDocument.action?	
	Λ.	attachmentId=77814			
Document Hea	ading:	Supporting Docume	nts		
Document Na	me:	Transfer.pdf			
Document Typ	pe:	Copy of any deed(s)	, transfer(s) or o	ther document(s)	
Document Lin	k:	https://www.lrcsde.lr	c.gov.on.ca/BFIS	SWebPublic/pub/viewDocument.action?	
		attachmentId=77812	&fileName=Trar	nsfer.pdf	
Document Hea	adina:	Supporting Docume	nts		
Document Na	•	PhaseTwo.pdf	-		
Document Typ		Phase 2 Conceptual	Site Model		
Document Lin				SWebPublic/pub/viewDocument.action?	
Document Em	κ.	attachmentId=80018			
Document Hea	ading:	Supporting Docume			
Document Na		Table of APECS.pdf			
Document Typ	pe:	Area(s) of Potential			
Document Lin	k:	https://www.lrcsde.lr attachmentId=77815		SWebPublic/pub/viewDocument.action? le+of+APECS.pdf	
Document U-	adina:				
Document Hea		Supporting Docume	1115		
Document Nai		Cert of Status.pdf			
Document Typ		Certificate of Status			
Document Lin	к:			SWebPublic/pub/viewDocument.action?	
		attachmentId=77813	28 tiloNomo_Cort	Lot L Stotuo odf	

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
<u>22</u>	15 of 26		ESE/73.1	66.8 / 0.06	Tweedsmuir and Main 236 RICHMOND ROAL OTTAWA ON K1Z 6W0		GEN
Generator I Status: Approval Y Contam. Fa MHSW Facı SIC Code: SIC Descrip	'ears: acility: ility:	ON37536 2015 No No 447110	447110		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL	
<u>Detail(s)</u>							
Waste Clas Waste Clas			252 WASTE OILS & LU	IBRICANTS			
Waste Clas Waste Clas			221 LIGHT FUELS				
<u>22</u>	16 of 26		ESE/73.1	66.8 / 0.06	236 Richmond Rd Ottawa ON K1Z6W6		EHS
Order No: Status: Report Typ Report Date Date Receiv Previous S	e: ved: ite Name:	2017121 C Standard 21-DEC- 18-DEC-	Report 17		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.749577 45.393722	
	Info Ordered:		Fire Insur. Maps ar	nd/or Site Plans			
			Fire Insur. Maps ar	nd/or Site Plans 66.8 / 0.06	236 Richmond Road Ottawa ON K1Z 6W6		EHS
Additional 22 Order No: Status: Report Typ Report Date Date Receiv Previous S Lot/Buildin	Info Ordered: 17 of 26 e: e: ved: ite Name:	2019112 C Site Rep 29-NOV- 28-NOV-	<b>ESE/73.1</b> 8071 ort 19			ON .001 -75.749577 45.393722	EHS
22 Order No: Status: Report Typ Report Date Date Receiv Previous S Lot/Buildin	Info Ordered: 17 of 26 e: e: ved: ite Name: g Size:	2019112 C Site Rep 29-NOV- 28-NOV-	<b>ESE/73.1</b> 8071 ort 19		Ottawa ON K1Z 6W6 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X:	.001 -75.749577	EHS
Additional 22 Order No: Status: Report Date Date Receive Previous St Lot/Buildin Additional 22 Order No: Status: Report Typ Report Date Date Receive Previous St Lot/Buildin	Info Ordered: 17 of 26 e: e: ved: ite Name: g Size: Info Ordered: 18 of 26 e: e: ved: ite Name:	2019112 C Site Rep 29-NOV- 28-NOV- 28-NOV- Site Rep 29-NOV- 28-NOV-	<i>ESE/73.1</i> 8071 0rt 19 19 <i>ESE/73.1</i> 8071 0rt 19	66.8 / 0.06	Ottawa ON K1Z 6W6 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: Y: 236 Richmond Road	.001 -75.749577	

Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Order No: Status: Report Type Report Date Date Receiv Previous Si Lot/Building Additional I	: ed: te Name: y Size:	201911280 C Site Repor 29-NOV-11 28-NOV-11	t 9		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .001 -75.749577 45.393722	
<u>22</u>	20 of 26		ESE/73.1	66.8 / 0.06	236 RICHMOND RD C ON	DTTAWA K1Z 6W6	EXP
Instance No Status: Instance ID: Instance Ty Instance Cry Instance Ins Item Descri Facility Typ Overfill Prot Creation Da Expired Dat	pe: eation Dt: stall Dt: otion: e: t Type: te:	10164510 Customer FS GASOI	Shutdown LINE STATION - SF	PLIT SERVE	Model: Quantity: Unit of Measure: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: Panam Venue Nm:	0 0 0 0 0	
Anufacture Manufacture Source: Description Serial No: Ulc Standar Facility Loc	er: : d:		FS All Facility 236 RICHMOND RI	D OTTAWA K1Z			
22	21 of 26		ESE/73.1	66.8 / 0.06		SERVICE CENTRE LTD DTTAWA K1Z 6W6 ON CA	FST
Instance No Status: Cont Name: Instance Ty Item Descrip Tank Type: Install Date: Install Year: Years in Sel Model: Description Capacity: Tank Materi Corrosion F	pe: otion: rvice: : al: protect:	FS Liquid	) FUEL TANK Fuel Tank I Single Wall UST		Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:	Gasoline NULL NULL	
Overfill Prod Facility Typ Parent Facil Facility Loc	e: lity Type: ation:		FS Liquid Fuel Tank				
Device Insta			236 RICHMOND RI	Ο ΓΙΑΨΑ ΚΊΖ			
Fuel Storage			NICK ROSSOLATC				
Owner Acco	ount Name:				NIRELID		

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
<u>22</u>	22 of 26		ESE/73.1	66.8 / 0.06		SERVICE CENTRE LTD DTTAWA K1Z 6W6 ON CA	FSI
Instance No Status: Cont Name: Instance Ty Item:		11342137 FS LIQUIE	) FUEL TANK		Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure:		
tem Descrij Fank Type: Install Date: Install Year: Years in Sei Years in Sei Years in Sei Years in Sei Years in Sei Years in Sei Years in Sei Sei Years in Sei	rvice: :	FS Liquid I Liquid Fue 10/2/1989 NULL NULL 22700 Steel	Fuel Tank I Single Wall UST		Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related:	Gasoline NULL NULL	
Corrosion P Overfill Prot Facility Type Parent Facil	tect: e:	I	FS Liquid Fuel Tank	(	Panam Venue:		
Facility Loca		on:	236 RICHMOND RE	O OTTAWA K1Z	6W6 ON CA		
	e Tank Detai						
Jwner Acco	ount Name:		NICK ROSSOLATO	S SERVICE CEI	NIKELID		
22	23 of 26		ESE/73.1	66.8 / 0.06	NICK ROSSOLATOS	SERVICE CENTRE LTD	E 61
<u>22</u>	23 of 26		ESE/73.1	66.8 / 0.06		SERVICE CENTRE LTD DTTAWA K1Z 6W6 ON CA	FS
nstance No Status: Cont Name:	);	11342096	ESE/73.1	66.8 / 0.06	236 RICHMOND RD O ON Manufacturer: Serial No: Ulc Standard:		FS
nstance No Status: Cont Name: nstance Ty <sub>l</sub> tem:	pe:		) FUEL TANK	66.8 / 0.06	236 RICHMOND RD O ON Manufacturer: Serial No:		FS
nstance No Status: Cont Name: nstance Ty tem: tem Descrij Tank Type: nstall Date: nstall Year:	pe: ption:	FS LIQUIE FS Liquid	) FUEL TANK	66.8 / 0.06	236 RICHMOND RD O ON Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel:	DTTAWA K1Z 6W6 ON CA	FS
Instance No Status: Cont Name: Instance Ty tem: tem: Descrij Tank Type: Install Date: Install Year: Years in Sei Model:	pe: ption: rvice:	FS LIQUIE FS Liquid Liquid Fue 10/2/1989 NULL NULL	) FUEL TANK Fuel Tank	66.8 / 0.06	236 RICHMOND RD O ON Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground:	<b>Gasoline</b> NULL	FS
nstance No Status: Cont Name: Instance Ty tem: tem Descrif Fank Type: nstall Date: nstall Year: nstall Year: Years in Ser Model: Description Capacity: Fank Materi Corrosion P	pe: ption: rvice: : al: Protect:	FS LIQUIE FS Liquid Liquid Fue 10/2/1989 NULL	) FUEL TANK Fuel Tank	66.8 / 0.06	236 RICHMOND RD O ON Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St:	<b>Gasoline</b> NULL	FST
Instance No Status: Cont Name: Instance Ty tem: Tem Descrip Tank Type: Install Date: Notall Year: Years in Ser Model: Description. Capacity: Tank Materic Corrosion F Dverfill Prot Facility Type Parent Facil	pe: ption: rvice: : Protect: tect: e: lity Type:	FS LIQUIE FS Liquid Liquid Fue 10/2/1989 NULL NULL 22700 Steel	) FUEL TANK Fuel Tank		236 RICHMOND RD O ON Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related:	<b>Gasoline</b> NULL	FS
Instance No Status: Cont Name: Instance Ty, tem: tem Descrip fank Type: Install Date: Install Year: Vears in Sei Model: Carosion F Description: Carosion F Diverfill Prod Facility Typ Parent Facil Facility Loca	pe: ption: rvice: : Protect: tect: e: lity Type:	FS LIQUIE FS Liquid I Liquid Fue 10/2/1989 NULL NULL 22700 Steel	) FUEL TANK Fuel Tank I Single Wall UST	ſ	236 RICHMOND RD O ON Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:	<b>Gasoline</b> NULL	FS
Instance No Status: Cont Name: Instance Type tem: Tem Description Tank Type: Install Date: Install Year: Vears in Sen Model: Description Tank Materi Corrosion P Doveripti Proto Facility Typo Parent Facil Facility Loca Device Insta	pe: ption: rvice: : al: Protect: tect: e: e: lity Type: ation:	FS LIQUIE FS Liquid Fue 10/2/1989 NULL NULL 22700 Steel	) FUEL TANK Fuel Tank I Single Wall UST FS Liquid Fuel Tank	ſ	236 RICHMOND RD O ON Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:	<b>Gasoline</b> NULL	FS
Instance No Status: Cont Name: Instance Tyj tem: tem: tem Descrij Tank Type: Install Date: Install Year: fears in Sei Model: Description Carossion P Description Carossion P Description Carossion P Description Carossion P Description Carossion P Description Carossion P Description Carossion P Description Carossion P Description Carossion P Carossion P C	pe: pe: ption: rvice: : al: protect: tect: e: e: alied Locatio e Tank Detai	FS LIQUIE FS Liquid Liquid Fue 10/2/1989 NULL NULL 22700 Steel	) FUEL TANK Fuel Tank I Single Wall UST FS Liquid Fuel Tank	S O OTTAWA K1Z	236 RICHMOND RD O ON Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:	<b>Gasoline</b> NULL	FS
Instance No Status: Cont Name: Instance Ty Item: Item: Descrij Install Date: Install Year: Years in Sei Model: Description Capacity: Tank Materi Corrosion P Overfill Prot Facility Typ Parent Facil Facility Loca Device Insta	pe: pe: ption: rvice: : al: protect: tect: e: e: alied Locatio e Tank Detai	FS LIQUIE FS Liquid Liquid Fue 10/2/1989 NULL NULL 22700 Steel	) FUEL TANK Fuel Tank I Single Wall UST FS Liquid Fuel Tank 236 RICHMOND RE	S O OTTAWA K1Z	236 RICHMOND RD O ON Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Panam Related: Panam Venue: 6W6 ON CA	<b>Gasoline</b> NULL	FSI

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Status: Cont Name: Instance Type: Item: Item Description: Tank Type: Install Date: Install Year: Years in Service: Model: Description: Capacity: Tank Material: Corrosion Protect: Overfill Protect: Facility Type: Parent Facility Type: Facility Location: Device Installed Location Fuel Storage Tank Deta		10/2/1989 NULL 22700 Steel FS on: 236			Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type3: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:	Gasoline NULL NULL	
Owner Acco			CK ROSSOLATO	S SERVICE CEN	TRE LTD		
<u>22</u>	25 of 26	E	SE/73.1	66.8 / 0.06	PIPELINE HIT - 1" 238 RICHMOND ROAL CA ON	D,,OTTAWA,ON,K1Z 6W6,	PINC
Incident ID: Incident No: Incident No: Status Code: Customer Add Incident Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurred Date of Occu Operation Typ Regulator Ty Summary: Reported By Affiliation: Occurrence I Damage Rea Notes:	cct Name: lress: Centre: ence Tp: irrence: Start Dt: /pe: e: /pe: : Desc:	1175726 9/11/2013 FS-Pipeline II 238 RICHMO 6W6,CA Not Investiga	T - 1" ND ROAD,,OTT/	AWA,ON,K1Z	Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:		
<u>22</u>	26 of 26	E	SE/73.1	66.8/0.06	236 Richmond Road Ottawa ON K1Z 6W6		EHS
Order No: Status: Report Type: Report Date: Date Receive		20191128071 C Site Report 29-NOV-19 28-NOV-19	I		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X:	ON .001 -75.749577	

Мар Кеу	Number Records		tion/ El nce (m) (n	lev/Diff າ)	Site				DE
Previous Site Lot/Building Additional In	Size:				Y:		45.393722		
<u>23</u>	1 of 1	ENE/74	.6 65.	8 / -0.88		ervice Centre Richmond Ro ON			СА
Certificate #: Application N Issue Date: Approval Typ Status: Application T Client Name: Client Addre. Client City: Client Postal Project Destal Emission Co	Year: pe: Type: ss: Code: ription: ts:	4317-6EA 2005 7/15/2005 Air Approved	5						
24	1 of 6	WSW/7	5.2 67.	9/1.15	267 Rici OTTAW	nmond Rd			HINC
External File Fuel Occurre Date of Occu Fuel Type Inv Status Desc: Job Type De Oper. Type In Service Inte Property Dan Fuel Life Cyc Root Cause:	ence Type: Irrence: volved: sc: nvolved: ruptions: nage:	Fire 11/4/2006 Natural G Complete Incident/N Commerc Yes Yes Utilization Root Cau	as d - Causal Ana lear-Miss Occu ial (e.g. restau	rrence (FS) rant, busines Material/Co	mponent:Yes	Procedures:Ye	es Maintenance:Yes	Design:No	Trainir
Reported De Fuel Categor Occurrence Affiliation: County Name Approx. Qua Nearby body Enter Draina Approx. Qua Environment	y: Type: e: nt. Rel: of water: ge Syst.: nt. Unit:	Gaseous Incident Member o	-						
<u>24</u>	2 of 6	WSW/7	5.2 67.	9 / 1.15	267 Ric	ontario Limiteo hmond Rd. ON K1Z 6X3	1		GEN
Generator No Status: Approval Yea Contam. Fac MHSW Facili SIC Code:	ars: ility:	ON6611485 2016 No 238160, 238170 ROOFING			PO Box N Country: Choice of Co Admir Phone No	Contact:	Canada CO_ADMIN Floyd W Cunning 613-724-6116 Ext.		

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Order No: 21070600514

Map Key Number Records <u>Detail(s)</u>			Elev/Diff ) (m)	Site		DE
Detail(s)						
Naste Class		251				
Waste Class	-	OIL SKIMMINGS	& SLUDGES			
<u>24</u>	3 of 6	WSW/75.2	67.9 / 1.15	267 Richmond Road Ottawa ON K1Z 6X3		EHS
Order No: Status: Report Type Report Date Date Receive Previous Sit Lot/Building	: ed: e Name:	20200507027 C Standard Report 12-MAY-20 07-MAY-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.7512305 45.3935097	
•	ofo Ordered:	Fire Insur. Maps a	and/or Site Plans			
<u>24</u>	4 of 6	WSW/75.2	67.9 / 1.15	267 Richmond Road Ottawa ON K1Z 6X3		EHS
Order No: Status: Report Type Report Date. Date Receive Previous Sit Lot/Building Ir	: ed: e Name:	20200507027 C Standard Report 12-MAY-20 07-MAY-20 Fire Insur. Maps a	and/or Site Plans	Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.7512305 45.3935097	
Additional II						
<u>24</u>	5 of 6	WSW/75.2	67.9 / 1.15	267 Richmond Road Ottawa ON K1Z 6X3		EHS
24 Order No: Status: Report Type Report Date. Date Receive Previous Sit Lot/Building	: : ed: e Name: Size:	20200507027 C Standard Report 12-MAY-20 07-MAY-20	67.9 / 1.15		ON .25 -75.7512305 45.3935097	EHS
24 Order No: Status: Report Type Report Date. Date Receive Previous Sit Lot/Building	: : ed: e Name:	20200507027 C Standard Report 12-MAY-20 07-MAY-20	67.9 / 1.15	Ottawa ON K1Z 6X3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X:	.25 -75.7512305	EHS
24 Order No: Status: Report Type Report Date. Date Receive Previous Sit Lot/Building	: : ed: e Name: Size:	20200507027 C Standard Report 12-MAY-20 07-MAY-20	67.9 / 1.15	Ottawa ON K1Z 6X3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X:	.25 -75.7512305	
24 Order No: Status: Report Type Report Date: Date Receiv Previous Sit Lot/Building Additional Ir 24 Order No: Status: Report Type Report Date. Date Receive Previous Sit Lot/Building	: ed: e Name: Size: nfo Ordered: 6 of 6 6 of 6 : ed: eName: Size:	20200507027 C Standard Report 12-MAY-20 07-MAY-20 Fire Insur. Maps a <i>WSW/75.2</i> 20200507027 C Standard Report 12-MAY-20 07-MAY-20	67.9 / 1.15 and/or Site Plans 67.9 / 1.15	Ottawa ON K1Z 6X3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: 267 Richmond Road	.25 -75.7512305	
24 Order No: Status: Report Type Report Date: Date Receiv Previous Sit Lot/Building Additional Ir 24 Order No: Status: Report Type Report Date. Date Receive Previous Sit Lot/Building	: ed: e Name: Size: fo Ordered: 6 of 6 6 of 6 : : ed: ed: ed:	20200507027 C Standard Report 12-MAY-20 07-MAY-20 Fire Insur. Maps a <i>WSW/75.2</i> 20200507027 C Standard Report 12-MAY-20 07-MAY-20	67.9 / 1.15 and/or Site Plans 67.9 / 1.15	Ottawa ON K1Z 6X3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: 267 Richmond Road Ottawa ON K1Z 6X3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X:	.25 -75.7512305 45.3935097 ON .25 -75.7512305	EHS
24 Order No: Status: Report Type Date Receiv Previous Sit Lot/Building Additional Ir 24 Order No: Status: Report Type Report Date Date Receiv Previous Sit Lot/Building	: ed: e Name: Size: nfo Ordered: 6 of 6 6 of 6 : ed: eName: Size:	20200507027 C Standard Report 12-MAY-20 07-MAY-20 Fire Insur. Maps a <i>WSW/75.2</i> 20200507027 C Standard Report 12-MAY-20 07-MAY-20	67.9 / 1.15 and/or Site Plans 67.9 / 1.15	Ottawa ON K1Z 6X3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: 267 Richmond Road Ottawa ON K1Z 6X3 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X:	.25 -75.7512305 45.3935097 ON .25 -75.7512305	

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Report Type: Report Date: Date Received Previous Site Lot/Building S Additional Inf	d: Name: Size:	Site Repor 29-NOV-19 28-NOV-19	Э		Client Prov/State: Search Radius (km): X: Y:	ON .001 -75.749577 45.393722	
<u>26</u>	1 of 1		SSE/83.1	67.8 / 1.10	ON		ww
Well ID:		7242470			Data Entry Status:	Yes	
Construction	Date:	12-12-110			Data Src:	100	
Primary Wate					Date Received:	6/5/2015	
Sec. Water Us					Selected Flag:	True	
Final Well Sta	tus:				Abandonment Rec:		
Water Type:					Contractor:	6964	
Casing Materi	ial:				Form Version:	8	
Audit No:		C28556			Owner:		
Tag:		A147242			Street Name:		
Construction					County:	OTTAWA	
Elevation (m)					Municipality:	NEPEAN TOWNSHIP	
Elevation Reli Depth to Bedi					Site Info: Lot:		
Well Depth:	OCK.				Concession:		
Overburden/E	Bedrock:				Concession Name:		
Pump Rate:					Easting NAD83:		
Static Water L	.evel:				Northing NAD83:		
Flowing (Y/N)	:				Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloudy: PDF URL (Maj							
Additional De	tail(s) (Map	)					
Well Complete	ed Date <sup>.</sup>	2	2014/11/11				
Year Complet			2014				
Depth (m):							
Latitude:		2	45.3932434476198				
Longitude: Path:		-	75.7502336556002	2			
Bore Hole Infe	ormation						
Bore Hole ID:		100539736	64		Elevation:	68.511634	
DP2BR:					Elevrc:		
Spatial Status	::				Zone:	18	
Code OB:					East83:	441276.00	
Code OB Des	c:				North83:	5026910.00	
Open Hole:					Org CS:	UTM83	
Cluster Kind: Date Complet	od.	11-Nov 20	14 00:00:00		UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m	
Date Complet Remarks:	eu.	11-1100-20	14 00.00.00		Location Method:	wwr	
Elevrc Desc:						** ** !	
Location Sou	rce Date:						
Improvement		ource:					
Improvement							
Source Revis		nt:					
Supplier Com	ment:						

Order No: 21070600514

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		Ľ
					Ottawa ON K1Z6X2		
Order No:		201704240	)40		Nearest Intersection:		
Status:		C			Municipality:		
Report Type:		Standard F	•		Client Prov/State:	ON	
Report Date:		28-APR-17			Search Radius (km):	.25	
Date Received		24-APR-17			X: Y:	-75.750994	
Previous Site _ot/Building S					1.	45.393267	
Additional Inf			Fire Insur. Maps an	d/or Site Plans; (	City Directory		
28	1 of 1		ESE/87.4	67.9/1.14			
_					ON		BOF
Borehole ID:		613016			Inclin FLG:	No	
OGF ID:		21551432 <sup>-</sup>	l		SP Status:	Initial Entry	
Status:					Surv Elev:	No	
Гуре:		Borehole			Piezometer:	No	
Jse:					Primary Name:		
Completion D		JUL-1958			Municipality:		
Static Water L					Lot:		
Primary Wate					Township:	45 202592	
Sec. Water Us		25.1			Latitude DD:	45.393583 -75.74954	
Total Depth m Depth Ref:	1:	35.1 Ground Su	urface		Longitude DD: UTM Zone:	-75.74954 18	
Depth Elev:		Ground St	inace		Easting:	441331	
Drill Method:					Northing:	5026947	
Drig Ground I Elev Reliabil I		68.6			Location Accuracy: Accuracy:	Not Applicable	
DEM Ground		68.8			,, <b>,</b> ,		
Location D:							
Survey D: Comments:							
Borehole Geo	ology Stratu	<u>ım</u>					
Geology Strat	tum ID:	218393376	3		Mat Consistency:		
Top Depth:		0			Material Moisture:		
Bottom Depth	n:	6.1			Material Texture:		
Material Color					Non Geo Mat Type:		
Material 1:		Clay			Geologic Formation:		
Material 2:		Boulders			Geologic Group:		
Material 3:					Geologic Period:		
Material 4:	Decerimiter				Depositional Gen:		
Gsc Material I Stratum Desc	•		CLAY.				
Geology Strat	tum ID:	21839337	7		Mat Consistency:	Compact	
op Depth:		6.1			Material Moisture:		
Bottom Depth		35.1			Material Texture:	Fine	
Material Color	r:	Brown			Non Geo Mat Type:		
Material 1:		Limestone			Geologic Formation:		
Material 2:					Geologic Group:		
Material 3:					Geologic Period:		
A - 4 1 - 1 - 1					Depositional Gen:		
Material 4: Gsc Material I	Deceri-ti				•		

<u>Source</u>

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details Confiden 1:		1956-1972 U	Survey of Canada		Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) NTS_Sheet:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
<u>Source List</u>							
Source Identif Source Type: Source Date: Scale or Reso		1 Data Survey 1956-1972 Varies			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator	
Source Name: Source Origin			ban Geology Auto eological Survey of		on System (UGAIS)		
<u>29</u>	1 of 1		ESE/87.6	67.9/1.14	ON		ww
Well ID: Construction I Primary Water Sec. Water Us Final Well Stat Water Type: Casing Materia Audit No: Tag: Construction I Elevation Relia Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Mag	v Use: e: tus: al: Method: ability: ock: edrock: evel:	1508932 Commerical 0 Water Supp		rdv.cloudfront.ne	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 8/5/1958 True 3601 1 OTTAWA OTTAWA CITY S/2Water/Wells_pdfs/150\1508932.pdf	
Additional Det	tail(s) (Map	2					
Well Complete Year Complete Depth (m): Latitude: Longitude: Path:		19 35 45 -7	958/07/24 958 5.052 5.393581055063 5.7495392934668 50\1508932.pdf				
Bore Hole Info	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind:	:	10030966 20.00 r Bedrock			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	68.793540 18 441330.70 5026947.00 5	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Improvement	urce Date: t Location Source: t Location Method: sion Comment:	1958 00:00:00		UTMRC Desc: Location Method:	margin of error : 100 m - 300 m p5	
<u>Overburden a</u> Materials Inte	and Bedrock erval					
Formation ID	):	931010990				
Layer:		2				
Color:		2				
General Colo	or:	GREY				
Mat1: Most Commo	n Matarial:	15 LIMESTONE				
Mat2:	Jii Waleriai.	LIVILSTONE				
Mat2 Desc:						
Mat3:						
Mat3 Desc:						
Formation To		20.0				
Formation Er		115.0				
Formation El	nd Depth UOM:	ft				
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval					
Formation ID	);	931010989				
Layer:		1				
Color:						
General Colo	or:	05				
Mat1:	n Matarial.	05 CLAY				
Most Commo Mat2:	on Material:	13				
Mat2 Desc:		BOULDERS				
Mat3:		200121.0				
Mat3 Desc:						
Formation To		0.0				
Formation Er		20.0				
Formation Er	nd Depth UOM:	ft				
<u>Method of Co</u> <u>Use</u>	onstruction & Well					
Method Cons	struction ID:	961508932				
Method Cons	struction Code:	1				
Method Cons Other Method	struction: d Construction:	Cable Tool				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID:		10579536				
Casing No:		1				
Comment: Alt Name:						
<u>Construction</u>	n Record - Casing					
Casing ID: Layer:		930054562 1				

Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Material: Open Hole o			1 STEEL				
Depth From:			24				
Depth To: Casing Diam	otor.		24 5				
Casing Diam			inch				
Casing Dept			ft				
<u>Construction</u>	n Record - C	Casing					
Casing ID:			930054563				
Layer:			2				
Material: Open Hole o	r Matariali		4 OPEN HOLE				
Depth From:			OPEN HOLE				
Depth To:			115				
Casing Diam			5				
Casing Diam			inch ft				
Casing Dept	n oow:		п				
<u>Results of W</u>	ell Yield Te	<u>sting</u>					
Pump Test II			991508932				
Pump Set At			25.0				
Static Level: Final Level A		na:	35.0 60.0				
Recommend			00.0				
Pumping Ra		opun	17.0				
Flowing Rate	e:						
Recommend		ate:					
Levels UOM:			ft				
Rate UOM: Water State	Aftor Tost (	odo:	GPM 1				
Water State		oue.	CLEAR				
Pumping Tes			1				
Pumping Du	ration HR:		1				
Pumping Du	ration MIN:		0				
Flowing:			No				
Water Details	<u>s</u>						
Water ID:			933463642				
Layer:			1				
Kind Code:			1				
Kind:	Dontha		FRESH				
Water Found Water Found		И:	110.0 ft				
30	1 of 1		W/91.4	67.0/0.32			WWIS
-					ON		
Well ID:	- D- (	153296	3		Data Entry Status:		
Construction Primary Wate		Domost	ic		Data Src: Date Received:	1 7/29/2002	
Sec. Water U		Domest			Date Received: Selected Flag:	7/29/2002 True	
Final Well St		Water S	Supply		Abandonment Rec:		
Water Type:					Contractor:	1119	
Casing Mate	rial:				Form Version:	1	
Audit No:		237915			Owner:		
Tag: Construction	Mathad				Street Name:	OTTAWA	
Elevation (m					County: Municipality:	OTTAWA OTTAWA CITY	
	<i></i>				municipanty.		

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	Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site	L
Elevation Rel. Depth to Bedr Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy:	rock: Bedrock: Level: ):				Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Ma	p):		https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/153\1532963.pdf
Additional De	etail(s) (Map)	!				
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:			2002/06/21 2002 15.5448 45.3940080273414 -75.7516836018212 153\1532963.pdf			
Bore Hole Inf	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole:	5:	1052971( 4.00 r Bedrock	J		Elevation: Elevrc: Zone: East83: North83: Org CS:	64.358665 18 441163.30 5026996.00
Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou mprovement mprovement Source Revis Supplier Com	ted: rce Date: Location Sc Location Me ion Commen iment:	ource: ethod: nt:	002 00:00:00		UTMRC: UTMRC Desc: Location Method:	5 margin of error : 100 m - 300 m gis
Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u>	ted: rce Date: Location So Location Me ion Commen inment: and Bedrock arval	ource: ethod: nt:			UTMRC: UTMRC Desc:	margin of error : 100 m - 300 m
Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Com	ted: rce Date: Location Sc Location Me ion Commen iment: and Bedrock rval r: n Material: p Depth: nd Depth: nd Depth: nd Depth UO and Bedrock rval	Durce: ethod: nt: -	932879768 1 28 SAND 11 GRAVEL 0.0 4.0 ft		UTMRC: UTMRC Desc:	margin of error : 100 m - 300 m

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Colo Mat1: Most Commo		GREY 15 LIMESTONE			
Mat2: Mat2 Desc: Mat3:	n material.				
Mat3 Desc:	n Donth	4.0			
Formation To Formation En Formation En	nd Depth: ad Depth: ad Depth UOM:	4.0 51.0 ft			
<u>Method of Co Use</u>	nstruction & Well				
Method Cons	truction ID:	961532963			
Method Cons	truction Code:	5			
Method Cons Other Method	truction: I Construction:	Air Percussion			
<u>Pipe Informat</u>	tion				
Pipe ID:		11078280			
Casing No:		1			
Comment: Alt Name:					
<u>Construction</u>	Record - Casing				
Casing ID:		930095951			
Layer: Material:		1			
Depth To:	Material:				
Casing Diame	eter:	8			
Casing Diame Casing Depth	eter UOM:	inch ft			
<u>Construction</u>	Record - Casing				
Casing ID:		930095952			
Layer: Material:		2 1			
Open Hole or Depth From:	Material:	STEEL			
Depth To: Casing Diame	eter:	6			
Casing Diame Casing Depth	eter UOM:	inch ft			
<u>Construction</u>	Record - Casing				
Casing ID:		930095953			
Layer: Motoriol:		3			
Material: Open Hole or Depth From:	Material:	4 OPEN HOLE			
Depth To:	-4	6			
Casing Diame Casing Diame	eter: eter UOM:	6 inch			
Casing Depth		ft			

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Results of We	ell Yield Tes	sting					
Pump Test ID			991532963				
Pump Set At:			40.0				
Static Level:	6		13.0				
Final Level An Recommende							
Pumping Rate	e:		1.0				
Recommende		ate.	1.0				
Levels UOM:			ft				
Rate UOM:			GPM				
Water State A	fter Test C	ode:	2				
Water State A			CLOUDY				
Pumping Tes			1				
Pumping Dur			1				
Pumping Dur	ation MIN:		0				
Flowing:			No				
Draw Down &	Recovery						
Pump Test De	etail ID:		934911761				
Test Type:			Recovery				
Test Duration	n:		60				
Test Level:			31.0				
Test Level UC	OM:		ft				
Draw Down &	Recovery						
Pump Test De	etail ID:		934402144				
Test Type:			Recovery				
Test Duration	:		30				
Test Level:			39.0				
Test Level UC	ОМ:		ft				
Draw Down &	Recovery						
Pump Test De	etail ID:		934118530				
Test Type:			Recovery				
Test Duration	n:		15				
Test Level:			45.0				
Test Level UC	OM:		ft				
Draw Down &	Recovery						
Pump Test De	etail ID:		934662664				
Test Type:			Recovery				
Test Duration	):		45				
Test Level:			33.0				
Test Level UC	ОМ:		ft				
<u>31</u>	1 of 1		WSW/95.4	67.9/1.14	277 RICHMOND RD Ottawa ON		wwis
Well ID:		7317351			Data Entry Status:		
Construction	Date:				Data Src:		
Primary Wate		Test Hole			Date Received:	8/20/2018	
Sec. Water Us		Monitoring			Selected Flag:	True	
Final Well Sta	atus:	Test Hole			Abandonment Rec:		
Water Type:					Contractor:	7241	
Casing Mater					Form Version:	7	

	mber of cords	Direction/ Distance (m)	Elev/Diff (m)	Site	
Audit No: Tag: Construction Meth Elevation (m): Elevation Reliabilit Depth to Bedrock: Well Depth: Overburden/Bedro Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	ty: ck:			Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	277 RICHMOND RD OTTAWA OTTAWA CITY
PDF URL (Map):					
Additional Detail(s	<u>) (Map)</u>				
Well Completed Da Year Completed: Depth (m): Latitude: Longitude: Path:	ite:	2018/05/15 2018 45.3933797303451 -75.7514108166544			
Bore Hole Informat	<u>tion</u>				
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source D Improvement Loca Source Revision C Supplier Comment	ate: tion Source: tion Method: omment:	292		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 441184.00 5026926.00 UTM83 4 margin of error : 30 m - 100 m wwr
Overburden and Bo Materials Interval	edrock_				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat Mat2 Desc: Mat3 Desc: Formation Top Dep Formation End Dep Formation End Dep Overburden and Ba Materials Interval	oth: oth: oth UOM:	1007440905 3 2 GREY 17 SHALE			

DB

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1007440904			
Layer:		2			
Color:		6			
General Color	:	BROWN			
Mat1:		08			
Most Commo	n Material:	FINE SAND			
Mat2:					
Mat2 Desc: Mat3:					
Mats. Mats Desc:					
Formation To	n Denth:				
Formation En					
	d Depth UOM:	ft			
<u>Overburden a</u> Materials Inte					
Formation ID:		1007440903			
Layer:		1			
Color:		2			
General Color	:	GREY 27			
Mat1: Most Commo	n Mətorial:	OTHER			
Mat2:	n material.	OTTIER			
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation To	p Depth:	0.0			
Formation En	d Depth:				
Formation En	d Depth UOM:	ft			
<u>Annular Spac</u> Sealing Reco	<u>e/Abandonment</u> r <u>d</u>				
Plug ID:		1007440914			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth U	ОМ:	ft			
<u>Annular Spac</u> Sealing Reco	<u>e/Abandonment</u> r <u>d</u>				
Plug ID:		1007440915			
Layer:		2			
Plug From:		1			
Plug To: Plug Depth U	OM:	4 ft			
<u>Annular Spac</u> <u>Sealing Reco</u> l	<u>e/Abandonment</u> r <u>d</u>				
Plug ID:		1007440916			
Layer:		3			
Plug From:		4			
		15			
Plug To: Plug Depth U		ft			

## Method of Construction & Well Use

Мар Кеу	Number Records		Elev/Diff (m)	Site	DE
Method Const					
Method Const Method Const Other Method	ruction:	Diamond			
Pipe Informati	i <u>on</u>				
Pipe ID:		1007440902			
Casing No:		0			
Comment: Alt Name:					
Construction	Record - Se	creen			
Screen ID:		1007440910			
Layer:		1			
Slot:		10			
Screen Top De		5 15			
Screen End De Screen Materia		5			
Screen Depth		ft			
Screen Diame		inch			
Screen Diame		1.6599999666214			
<u>Water Details</u>					
Water ID:		1007440908			
Layer:					
Kind Code:					
Kind: Water Found I	Donthi				
Water Found I Water Found I		l: ft			
Hole Diameter	ſ				
Hole ID:		1007440906			
Diameter:		2.875			
Depth From:		0.0			
Depth To:	~~~	11.0			
Hole Depth UC Hole Diameter		ft inch			
noie Diameter	00111.	licit			
Hole Diameter	:				
Hole ID:		1007440907			
Diameter:		2.25			
Depth From:		11.0 15.0			
Depth To: Hole Depth UC	<i>™</i> .	15.0 ft			
Hole Diameter		inch			
<u>32</u>	1 of 6	ENE/96.2	65.9 / -0.85	PRIVATE BUSINESS (N.O.S.) 225 RICHMOND RD. OTTAWA OTTAWA CITY ON K1Z 6W7	SPL
Ref No:		200477		Discharger Report:	
Site No: Incident Dt: Year:		5/11/2001		Material Group: Health/Env Conseq: Client Type:	
Incident Caus Incident Event		OTHER CAUSE (N.O.S.)		Sector Type: Agency Involved:	
		m   Environmental Risk Inf			Order No: 21070600514

	mber of cords	Direction/ Distance (m	Elev/Diff a) (m)	Site		D
Contaminant Cod	<u>ə.</u>			Nearest Watercourse:		
Contaminant Nam				Site Address:		
Contaminant Limi				Site District Office:		
Contam Limit Free				Site Postal Code:		
Contaminant UN I				Site Region:		
Environment Impa	_	ihlo		Site Municipality:	20107	
Nature of Impact:		an health		Site Lot:	20107	
Receiving Mediun				Site Conc:		
Receiving Env:				Northing:		
MOE Response:				Easting:		
Dt MOE Arvl on Se				Site Geo Ref Accu:		
		2001				
MOE Reported Dt.		2001		Site Map Datum:		
Dt Document Clos				SAC Action Class:		
Incident Reason:	OTH	EK		Source Type:		
Site Name:						
Site County/Distri						
Site Geo Ref Meth						
Incident Summary Contaminant Qty:	/:	PRIVATE BUSIN	IESS: 2L OIL SPILL	ED TO PARKING LOT. ABS	ORBED & CLEANED UP.	
<u>32</u> 2 of	6	ENE/96.2	65.9 / -0.85	Otto's Service Centre 225/245 Richmond Re 6W7 Ottawa ON	Limited Dad Ottawa Ontario K1Z	EBI
EPP Pogistry No.	14.05	E0818		Decision Posted:		
EBR Registry No:		-6CFLKE				
Ministry Ref No:				Exception Posted:		
Notice Type:	insir	ument Decision		Section:		
Notice Stage:	lub c	10 2005		Act 1:		
Notice Date:		18, 2005		Act 2:		
Proposal Date:		18, 2005		Site Location Map:		
Year:	2005					
Instrument Type:		(EPA s. 9) - App	roval for discharge ii	nto the natural environment of	other than water (i.e. Air)	
Off Instrument Na	me:					
Posted By:						
Company Name:		Otto's Service Co	entre Limited			
Site Address:						
Location Other:						
Proponent Name:						
Proponent Addres Comment Period: URL:	SS:	225/245 Richmo	nd Road, Ottawa Or	ntario, K1Z 6W7		
Site Location Deta	nils:					
225/245 Richmond	Road Ottawa	a Ontario K1Z 6W7 Ot	tawa			
<u>32</u> 3 of	6	ENE/96.2	65.9 / -0.85	3526097 Canada Inc. 225 Richmond Road Ottawa ON K1Z 6W7		CA

Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: 1590-6AZS46 2005 4/8/2005 Industrial Sewage Works Approved

Мар Кеу	Numbe Record			v/Diff	Site	DB
Project Des Contaminar Emission C	nts:					
<u>32</u>	4 of 6	ENE/96.2	65.9	/ -0.85	Otto's Service Centre Limited 225 Richmond Road Ottawa K1Z 5H1 CITY OF OTTAWA ON	EBR
EBR Regist	ry No:	011-3451			Decision Posted:	
Ministry Ret	f No:	6476-8GCJEX			Exception Posted:	
Notice Type	e:	Instrument Decision			Section:	
Notice Stag	e:				Act 1:	
Notice Date	-	October 27, 2011			Act 2:	
Proposal Da	ate:	May 03, 2011			Site Location Map:	
Year:	-	2011	A	Paula and Sada	the sector of a sector sector the sector sector (" sector)	
Instrument Off Instrum		(EPA S. 9) -	Approval for c	lischarge into	the natural environment other than water (i.e. Air)	
Posted By:	ent name.					
Company N	lame:	Otto's Servi	ce Centre Limi	ited		
Site Addres						
Location Ot	ther:					
Proponent I						
Proponent A Comment P URL:		225 Richmo	nd Road, Otta	wa Ontario, (	Canada K1Z 6W7	
Site Locatio	on Details:					

225 Richmond Road Ottawa K1Z 5H1 CITY OF OTTAWA

<u>32</u>	5 of 6	ENE/96.2	65.9 / -0.85	Otto's Service Cen 225/245 Richmond Ottawa ON K1Z 6W	Road	ECA
Approval Approval Status: Record Ty Link Sour SWP Area Approval Project Ty Business Address: Full Addre Full PDF L	Date: ype: cce: a Name: Type: ype: Name: ess:	4317-6EAR9Z 2005-07-15 Approved ECA IDS Rideau Valley ECA-AIR AIR Otto's Service C 225/245 Richmo https://www.acce	nd Road	MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	Ottawa -75.7495 45.394176 91-6CFLKE-14.pdf	
<u>32</u>	6 of 6	ENE/96.2	65.9 / -0.85	3526097 Canada In 225 Richmond Roa Ottawa ON K1Z 6W	ad	ECA
Approval Approval Status: Record Ty Link Sour SWP Area Approval	Date: ype: rce: a Name:	1590-6AZS46 2005-04-08 Approved ECA IDS Rideau Valley ECA-INDUSTRI.	AL SEWAGE WORKS	MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	Ottawa -75.7495 45.394176	

Мар Кеу	Numbei Record			Site		DB
Project Type: Business Nan Address: Full Address: Full PDF Link	ne:	3526097 Cana 225 Richmond	Road	gov.on.ca/instruments/8292-	699SSV-14.pdf	
<u>33</u>	1 of 2	E/101.2	67.0/0.26	222 Richmond Road Ottawa ON K1Z 6W6		SPL
Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant Environment Nature of Imp Receiving Me Receiving Me Receiving Me Receiving Me MOE Reporte Dt Document Incident Reas Site Name: Site County/D Site Geo Ref I Incident Sum Contaminant	t: Code: Name: Limit 1: Freq 1: UN No 1: Impact: act: dium: v: se: on Scn: d Dt: Closed: son: District: Meth: mary:	LCBO: gasolir	on with LCBO <unoffi ne to CB - Duplicate Sea ncident description</unoffi 		222 Richmond Road K1Z 6W6 Ottawa Land Spills	
<u>33</u>	2 of 2	5/404.0				
		E/101.2	67.0/0.26	222 Richmond Rd. Ottawa ON		SPL

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Contaminant	t Qty:		5 L				
<u>34</u>	1 of 1		WNW/104.9	65.9 / -0.87	SCOTT ST. / TWEED OTTAWA ON	DSMUIR AVE.	www
Well ID: Constructior Primary Wate Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation Re Depth to Bec Well Depth: Overburden/ Pump Rate: Static Wate Flowing (Y/N Flow Rate: Clear/Cloudy PDF URL (Ma	er Use: Jse: Jse: rial: rial: n Method: ): liability: drock: /Bedrock: /Bedrock: Level: I):	7245885 Monitorin Abandon Z180818 A147999	-		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	8/5/2015 True Yes 6894 7 SCOTT ST. / TWEEDSMUIR AVE. OTTAWA NEPEAN TOWNSHIP	
<u>Additional D</u> Well Comple Year Comple	ted Date:	( <u>a</u> )	2015/07/23 2015				
Depth (m): Latitude: Longitude: Path:			45.3944763658192 -75.751642540273				
Bore Hole In	formation						
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Location Sou Improvemen Improvemen Source Revis Supplier Cor	IS: sc: eted: urce Date: t Location t Location sion Comn	Source: Method:	704 15 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	63.403900 18 441167.00 5027048.00 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Annular Spa</u> Sealing Reco		<u>nment</u>					
Plug ID: Layer: Plug From:			1005643009 1 0				

Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
IOM:	17 ft			
	1005643008			
	1			
IOM:	ft			
onstruction & Well				
struction ID:	1005643007			
	2			
	Rotary (Convent.)			
tion				
	1005643000			
	0			
Record - Screen				
	1005643005			
	1			
Depth:				
Depth:	17			
	inch			
	1.25			
2				
	1005643003			
	1			
	15.0 ft			
er				
	1005643002			
	1.25			
IOM:	ft			
er UOM:	inch			
1 of 1	ESE/107.2	67.9/1.18	238 Richmond Rd Ottawa ON K1Z6W6	EHS
	A Record - Screen	NOM:       ft         Ce/Abandonment       1005643008         Indext and the second	NOM:       ft         ce/Abandonment.trd       1005643008         1       0         I/I       17         I/OM:       ft         I/OM:       ft         I/I       1005643007         I/I       2         Struction ID:       1005643007         I/I       2         Struction Code:       2         Record - Screen       1005643000         I/I       1005643000         I/I       015         Depth:       12         I/I       5         I/I       1005643005         I       015         Depth:       1.25         I/I       I/I         I/I       I/I         I/I       I/I         I/I       I/I	Image: With the second secon

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		Ľ
Order No: Status: Report Type Report Date: Date Receive Previous Site	ed: e Name:	20131018 C Standard I 28-OCT-13 18-OCT-13	Report 3		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.749364 45.393444	
Lot/Building Additional In		I	Fire Insur. Maps an	d/or Site Plans; (	City Directory		
<u>36</u>	1 of 1		WSW/107.4	67.9 / 1.14	281 RICHMOND RD Ottawa ON		ww
Well ID:		7317352			Data Entry Status:		
Constructior					Data Src:		
Primary Water		Test Hole			Date Received:	8/20/2018	
Sec. Water U Final Well St		Monitoring Test Hole			Selected Flag: Abandonment Rec:	True	
Nater Type:	atus.	103111010			Contractor:	7241	
Casing Mate	rial:				Form Version:	7	
Audit No:		Z286614			Owner:		
Tag:	. Mathad	A215720			Street Name:	281 RICHMOND RD OTTAWA	
Constructior Elevation (m					County: Municipality:	OTTAWA OTTAWA CITY	
Elevation Re	•				Site Info:	OTTAWA OTT	
Depth to Bed					Lot:		
Well Depth:					Concession:		
Overburden/	Bedrock:				Concession Name:		
Pump Rate: Static Water	Lovol:				Easting NAD83:		
Flowing (Y/N					Northing NAD83: Zone:		
Flow Rate:	·)-				UTM Reliability:		
Clear/Cloudy	/:						
PDF URL (Ma	ap):						
Additional D	etail(s) (Map	)					
Well Comple	ted Date:	:	2018/05/15				
Year Comple			2018				
Depth (m):			4.572				
Latitude:			45.3933069696816				
Longitude: Path:			75.7515248328899	)			
Bore Hole In	formation						
Bore Hole ID	):	10072622	95		Elevation:		
DP2BR:					Elevrc:	40	
Spatial Statu Code OB:	IS:				Zone: East83:	18 441175.00	
Code OB. Code OB De	sc:				North83:	5026918.00	
Open Hole:					Org CS:	UTM83	
Cluster Kind					UTMRC:	4	
Date Comple	eted:	15-May-20	018 00:00:00		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:					Location Method:	wwr	
Elevrc Desc: Location Sol							
	t Location Se	ource:					
	t Location M						
	sion Comme						

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden a</u> Materials Inte					
Formation ID:	:	1007440919			
Layer:		2			
Color:		6			
General Colo Mat1:	r:	BROWN 08			
Most Commo	n Material:	FINE SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3: Mat3 Daga					
Mat3 Desc: Formation To	n Denth	1.0			
Formation En	d Depth:	11.0			
Formation En	d Depth UOM:	ft			
<u>Overburden a</u> Materials Inte					
Formation ID:		1007440920			
Layer:		3			
Color:		2			
General Colo	r:	GREY			
Mat1:	··· Matavial.	17 CUALE			
Most Commo Mat2:	n Materiai:	SHALE			
Mat2 Desc:					
Mat3:					
Mat3 Desc:	5 4	44.0			
Formation To Formation En		11.0 15.0			
	d Depth UOM:	ft			
<u>Overburden a</u> Materials Inte					
Formation ID:		1007440918			
Layer:	-	1			
Color:		2			
General Colo	r:	GREY			
Mat1: Most Commo	n Material	27 OTHER			
Mat2:	in material.	OTHER			
Mat2 Desc:					
Mat3:					
Mat3 Desc: Formation To	n Denth:	0.0			
Formation En	nd Depth:	1.0			
Formation En	d Depth UOM:	ft			
<u>Annular Spac</u> <u>Sealing Reco</u>	e/Abandonment_ rd				
Plug ID:		1007440931			
Layer:		3			
Plug From:		4			
Plug To:		15			

## <u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	Di
Plug ID:		1007440930			
Layer:		2			
Plug From:		1 4			
Plug To: Plug Depth U	OM·	4 ft			
riug Deptil O	OM.	n			
<u>Annular Spac</u> Sealing Reco	e/Abandonment rd				
Plug ID:		1007440929			
Layer: Plug From:		1 0			
Plug From: Plug To:		1			
Plug Depth U	OM:	ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction ID:	1007440928			
Method Cons	truction Code:	7			
Method Cons Other Method	truction: Construction:	Diamond			
Pipe Informat	<u>tion</u>				
Pipe ID:		1007440917			
Casing No:		0			
Comment:		-			
Alt Name:					
Construction	Record - Screen				
Screen ID:		1007440925 1			
Layer: Slot:		10			
Screen Top D	enth <sup>.</sup>	5			
Screen End L	Depth:	15			
Screen Mater		5			
Screen Depth		ft			
Screen Diam		inch			
Screen Diam	eter:	1.6599999666214			
Water Details					
Water ID:		1007440923			
Layer:					
Kind Code:					
Kind: Water Found	Denth:				
Water Found Water Found	Depth UOM:	ft			
Hole Diamete	<u>r</u>				
Hole ID:		1007440921			
Diameter:		2.875			
Depth From:		0.0 11.0			
Depth To: Hole Depth U	OM·	ft			
Hole Diamete	r UOM:	inch			

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Hole Diameter	<u>r</u>						
Hole ID:			1007440922				
Diameter:			2.25				
Depth From:			11.0				
Depth To:	~~~		15.0				
Hole Depth U0 Hole Diameter			ft inch				
Hole Diameter	r UOM:		Inch				
<u>37</u>	1 of 1		NW/110.9	65.9 / -0.78	FINE PRINT INC. 345A ATHLONE AVE OTTAWA ON K1Z 5M:	3	SC
Established:			1986				
Plant Size (ft <sup>2</sup> )	);		400				
Employment:			1				
Details							
Description:			Stationery Product	Manufacturing			
SIC/NÀICS Co	ode:		322230	-			
Description: SIC/NAICS Co	nde:		All Other Converted 322299	d Paper Product N	lanufacturing		
Description: SIC/NAICS Co	ode:		Other Printing 323119				
Description:			Support Activities for	or Printing			
SIC/NAICS Co	ode:		323120				
Description: SIC/NAICS Co			Sign Manufacturing	]			
010/114/00 00	oae:		339950				
	1 of 1		339950 SSW/129.6	68.6 / 1.87	8596239 Canada Inc.< 400 Athlone Ave Ottawa ON	UNOFFICIAL>	SPL
<u>38</u> Ref No:		7053-9Dk	SSW/129.6	68.6 / 1.87	400 Athlone Ave Ottawa ON Discharger Report:	UNOFFICIAL>	SPL
38 Ref No: Site No:		7053-9Dk 2013/11/1	<b>SSW/129.6</b> (MY8	68.6 / 1.87	400 Athlone Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq:	UNOFFICIAL>	SPL
38 Ref No: Site No: Incident Dt: Year:	1 of 1	2013/11/1	<b>SSW/129.6</b> KMY8 14	68.6 / 1.87	400 Athlone Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type:		SPL
<u>38</u> Ref No: Site No: Incident Dt: Year: Incident Caus	1 of 1		<b>SSW/129.6</b> KMY8 14	68.6 / 1.87	400 Athlone Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type:	<ul> <li>WOFFICIAL&gt;</li> <li>Motor Vehicle</li> </ul>	SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even	1 of 1 se:	2013/11/1 Vandalisn	<b>SSW/129.6</b> KMY8 14	68.6 / 1.87	400 Athlone Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved:		SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even Contaminant (	1 of 1 se: it: Code:	2013/11/1 Vandalisn 15	<b>SSW/129.6</b> (MY8 14 n	68.6 / 1.87	400 Athlone Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse:	Motor Vehicle	SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even Contaminant (	1 of 1 Se: t: Code: Name:	2013/11/1 Vandalisn	<b>SSW/129.6</b> (MY8 14 n	68.6 / 1.87	400 Athlone Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved:		SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even Contaminant Contaminant	1 of 1 se: t: Code: Name: Limit 1:	2013/11/1 Vandalisn 15	<b>SSW/129.6</b> (MY8 14 n	68.6 / 1.87	400 Athlone Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address:	Motor Vehicle	SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even Contaminant Contaminant Contaminant Contaminant	1 of 1 se: it: Code: Name: Limit 1: Freq 1: UN No 1:	2013/11/1 Vandalism 15 HYDRAU	<b>SSW/129.6</b> (MY8 14 n	68.6 / 1.87	400 Athlone Ave Ottawa ON 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:	Motor Vehicle 400 Athlone Ave	SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Caus Incident Even Contaminant Contaminant Contaminant Contaminant Contaminant	1 of 1 se: it: Code: Name: Limit 1: Freq 1: UN No 1: Impact:	2013/11/1 Vandalism 15 HYDRAU Possible	SSW/129.6 KMY8 I4 n LIC OIL	68.6 / 1.87	400 Athlone Ave Ottawa ON 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:	Motor Vehicle	SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant	1 of 1 se: it: Code: Name: Limit 1: Freq 1: UN No 1: Impact: act:	2013/11/1 Vandalism 15 HYDRAU	SSW/129.6 KMY8 I4 n LIC OIL	68.6 / 1.87	400 Athlone Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot:	Motor Vehicle 400 Athlone Ave	SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even Contaminant Contaminant Contaminant Contaminant Contaminant Contaminant Nature of Imp. Receiving Med	1 of 1 it: Code: Name: Limit 1: Freq 1: UN No 1: Impact: act: dium:	2013/11/1 Vandalism 15 HYDRAU Possible	SSW/129.6 KMY8 I4 n LIC OIL	68.6 / 1.87	400 Athlone Ave Ottawa ON 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 Region: Site Municipality: Site Lot: Site Conc:	Motor Vehicle 400 Athlone Ave	SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even Contaminant I Contaminant I Contaminant I Contaminant I Environment I Nature of Imp Receiving Me Receiving Environ	1 of 1 it: Code: Name: Limit 1: Freq 1: UN No 1: Impact: act: dium: v:	2013/11/1 Vandalism 15 HYDRAU Possible	SSW/129.6 KMY8 I4 n LIC OIL	68.6 / 1.87	400 Athlone Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot:	Motor Vehicle 400 Athlone Ave	SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even Contaminant I Contaminant I Contaminant I Contaminant I Contaminant I Contaminant I Reveiving Men Receiving Men Receiving Em MOE Respons Dt MOE Arvl of	1 of 1 t: Code: Name: Limit 1: Freq 1: UN No 1: Impact: act: dium: v: se: on Scn:	2013/11/1 Vandalism 15 HYDRAU Possible Soil Conta	SSW/129.6 (MY8 14 n LIC OIL	68.6 / 1.87	400 Athlone Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Postal Code: Site Region: Site Region: Site Municipality: Site Lot: Site Conc: Northing:	Motor Vehicle 400 Athlone Ave	SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even Contaminant I Contaminant I Contaminant I Contaminant I Contaminant I Contaminant I Contaminant I Contaminant I Receiving Met Receiving Met Receiving Env MOE Response Dt MOE Arvi of MOE Reported	1 of 1 t: Code: Name: Limit 1: Freq 1: UN No 1: Impact: act: dium: v: se: on Scn: d Dt:	2013/11/1 Vandalism 15 HYDRAU Possible	SSW/129.6 (MY8 14 n LIC OIL	68.6 / 1.87	400 Athlone Ave Ottawa ON 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 Region: Site Region: Site Kegion: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum:	Motor Vehicle 400 Athlone Ave Ottawa	SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even Contaminant	1 of 1 Se: t: Code: Name: Limit 1: Freq 1: UN No 1: Impact: act: dium: v: se: on Scn: d Dt: Closed:	2013/11/1 Vandalism 15 HYDRAU Possible Soil Conta 2013/11/1	SSW/129.6 (MY8 14 n LIC OIL amination	68.6 / 1.87	400 Athlone Ave Ottawa ON 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 Region: Site Region: Site Region: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	Motor Vehicle 400 Athlone Ave	SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even Contaminant	1 of 1 Se: t: Code: Name: Limit 1: Freq 1: UN No 1: Impact: act: dium: v: se: on Scn: d Dt: Closed:	2013/11/1 Vandalism 15 HYDRAU Possible Soil Conta	SSW/129.6 (MY8 14 n LIC OIL amination		400 Athlone Ave Ottawa ON 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 Region: Site Region: Site Kegion: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum:	Motor Vehicle 400 Athlone Ave Ottawa	SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Caus Incident Even Contaminant ( Contaminant ( Conta	1 of 1 Se: Code: Name: Limit 1: Freq 1: UN No 1: Impact: vect: dium: v: se: on Scn: d Dt: Closed: con:	2013/11/1 Vandalism 15 HYDRAU Possible Soil Conta 2013/11/1	SSW/129.6 (MY8 14 n LIC OIL amination		400 Athlone Ave Ottawa ON 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 Region: Site Region: Site Region: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	Motor Vehicle 400 Athlone Ave Ottawa	SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Caus Incident Caus Incident Caus Incident Caus Contaminant Conta	1 of 1 Se: Code: Name: Limit 1: Freq 1: UN No 1: Impact: vact: dium: v: se: on Scn: d Dt: Closed: con: bistrict:	2013/11/1 Vandalism 15 HYDRAU Possible Soil Conta 2013/11/1	SSW/129.6 (MY8 14 n LIC OIL amination		400 Athlone Ave Ottawa ON 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 Region: Site Region: Site Region: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	Motor Vehicle 400 Athlone Ave Ottawa	SPL
38 Ref No: Site No: Incident Dt: Year: Incident Caus Incident Caus Incident Even Contaminant ( Contaminant ( Conta	1 of 1 Se: t: Code: Name: Limit 1: Freq 1: UN No 1: Impact: act: dium: v: se: on Scn: d Dt: Closed: on: District: Meth: mary:	2013/11/1 Vandalism 15 HYDRAU Possible Soil Conta 2013/11/1 Deliberate	SSW/129.6 (MY8 14 n LIC OIL amination	NOFFICIAL>	400 Athlone Ave Ottawa ON 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 Region: Site Region: Site Kegion: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	Motor Vehicle 400 Athlone Ave Ottawa	SPL

erisinfo.com | Environmental Risk Information Services

Order No: 21070600514

Map Key	Numbel Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>39</u>	1 of 4		WSW/129.7	66.9 <i>/ 0.</i> 15	Y'S OWL CO-OPERAT 290 PICTON AVE OTTAWA ON K1Z 8P8		SCT
Established: Plant Size (ft Employment	t²):		1981 8000 17				
<u>Details</u> Description: SIC/NAICS C			PLASTICS PRODU 3089	CTS, N.E.C.			
<u>39</u>	2 of 4		WSW/129.7	66.9/0.15	Orezone Resources I 290 Picton St Suite 20 Ottawa ON K1Z 8P8		SCT
Established: Plant Size (ft Employment	t²):		1987 10				
<u>39</u>	3 of 4		WSW/129.7	66.9/0.15	Apption Software Inc. 290 Picton Ave Suite Ottawa ON K1Z 8P8	104	SCT
Established: Plant Size (ft Employment	t²):		01-NOV-04				
<u>Details</u> Description: SIC/NAICS C			Computer Systems 541510	Design and Relat	ted Services		
Description: SIC/NAICS C			Computer Systems 541510	Design and Relat	ted Services		
<u>39</u>	4 of 4		WSW/129.7	66.9/0.15	Orezone Gold Corpor 290 Picton Ave Suite Ottawa ON K1Z 8P8		SCT
Established: Plant Size (ft Employment	t²):		01-JUL-87				
<u>Details</u> Description: SIC/NAICS C			Other Support Activ 213119	ities for Mining			
<u>40</u>	1 of 1		SSE/130.5	68.5 / 1.80	412 Tweedsmuir Ave. ON	Ottawa	PINC
Incident ID: Incident No: Incident Rep		2696610 540152			Fuel Category: Health Impact: Environment Impact:	Natural Gas No No	

Map Key	Number Records		Elev/Diff (m)	Site		D
Туре:		FS-Pipeline Incident		Property Damage:	Yes	
Status Code:		Pipeline Damage Reason Es	t	Service Interupt:	Yes	
Customer Acc	ct Name:			Enforce Policy:	Yes	
Incident Addr	ess:			Public Relation:	No	
Tank Status:		RC Established		Pipeline System:		
Task No:		3245285		Depth:		
Spills Action (	Centre:			Pipe Material:		
Fuel Type:		Natural Gas		PSIG:		
Fuel Occurrer	ıce Тр:	Pipeline Strike		Attribute Category:	FS-Perform P-line Inc Invest	
Date of Occur	rence:	11/8/2010 0:00		Regulator Location:		
Occurrence S	tart Dt:	2011/03/23		Method Details:	E-mail	
Operation Typ	be:	Construction Site (	pipeline strike)			
Pipeline Type	:					
Regulator Typ	be:					
Summary:		412 Tweedsmuir A		Pipeline Hit		
Reported By:		Armstrong, Alan - I				
Affiliation:		Industry Stakehold	er (Licensee/Regis	stration/Certificate Holder, F	acility Owner, etc.)	
Occurrence D Damage Reas Notes:		Excavation practice	es not sufficient			
<u>41</u>	1 of 7	SE/137.6	67.9/1.14	Enbridge Gas Distrib 415 Tweedsmuir Ave Ottawa ON K1Z 5N6		SPI
				Ollawa ON KIZ SNO		
Ref No:		7033-8A2TBE		Discharger Report:		
Site No:				Material Group:		
Incident Dt:				Health/Env Conseq:		
Year:				Client Type:		
Incident Caus	e:	Discharge or Emission to Air		Sector Type:	Pipeline	
Incident Even	t:	3		Agency Involved:		
Contaminant	Code:	35		Nearest Watercourse:		
Contaminant		NATURAL GAS (METHANE)		Site Address:		
Contaminant I	Limit 1:	, , , , , , , , , , , , , , , , , , ,		Site District Office:		
Contam Limit				Site Postal Code:		
Contaminant				Site Region:		
Environment	Impact:	Not Anticipated		Site Municipality:		
Nature of Imp	•			Site Lot:		
Receiving Me				Site Conc:		
Receiving En				Northing:		
MOE Respons		Referral to others		Easting:		
Dt MOE Arvi o				Site Geo Ref Accu:		
MOE Reported		10/8/2010		Site Map Datum:		
Dt Document		10/13/2010		SAC Action Class:	Air Spills - Gases and Vapours	
Incident Reas		Error- Operator error		Source Type:		
Site Name:	0111	415 Tweedsmuir A	venue <unoffici< td=""><td>21</td><td></td><td></td></unoffici<>	21		
Site County/D	istrict:					
Site Geo Ref I						
Incident Sumi		TSSA: nat'l gas to	atm. service line s	trike by contractor.		
Contaminant	•	0 other - see incide				
<u>41</u>	2 of 7	SE/137.6	67.9 / 1.14	415 Tweedsmuir Ave ON K1Z 5N6	nue, Ottawa	INC
Incident No:		465638		Any Health Impact:		
Incident ID:		2617516		Any Enviro Impact:		
Instance No:		<b>A A A A A A A A A A</b>		Service Interrupted:		
		Causal Analysis Complete		Was Prop Damaged:		
	gory:	FS-Incident		Reside App. Type:		
Status Code: Attribute Cate				Commer App. Type:		
Attribute Cate Context:						
Attribute Cate	rence:			Indus App. Type:		
Attribute Cate Context:						

Мар Кеу	Number Records		Elev/Diff (m)	Site		DE
Incident Cre Instance Cre Instance Ins Occur Insp S Approx Qua Tank Capaci Fuels Occur Fuel Type In Enforcemen Prc Escalati Tank Materia Tank Storag Tank Locatio Pump Flow Task No: Notes: Drainage Sy Sub Surface Aff Prop Use Contam. Mig Contact Natu Incident Loc Occurence N	ated On: Pation Dt: tall Dt: Start Date: nt Rel: ty: Type: volved: t Policy: on Req: al Type: e Type: e Type: con Type: Rate Cap: Stem: Contam.: e Water: irated: ural Env: ation: Varrative:	415 Tweedsmuir A		Venting Type: Vent Conn Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved: Pipe Material: Depth Ground Cover: Regulator Location: Regulator Type: Operation Pressure: Liquid Prop Make: Liquid Prop Make: Liquid Prop Model: Liquid Prop Notes: Equipment Type: Equipment Type: Equipment Model: Serial No: Cylinder Capacity: Cylinder Cap Units: Cylinder Mat Type: Near Body of Water: 1" Pipeline Hit	Service / Riser Distribution Pipeline Steel 0.5 Outside Service Regulator (up to 60 psi intake) 65	
Operation Ty Item: Item Descrip Device Insta	tion:					
<u>41</u>	3 of 7	SE/137.6	67.9/1.14	415 Tweedsmuir Aver Ottawa ON K1Z 5N6	nue	EHS
Order No: Status: Report Type Report Date: Date Receive Previous Sit Lot/Building Additional Ir	ed: e Name: Size:	20200106026 C Standard Report 09-JAN-20 06-JAN-20 Fire Insur. Maps an	nd/or Site Plans; (	Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: City Directory; Aerial Photos	ON .25 -75.7493161 45.3930593	
<u>41</u>	4 of 7	SE/137.6	67.9/1.14	415 Tweedsmuir Aver Ottawa ON K1Z 5N6	nue	EHS
Order No: Status: Report Type Report Date: Date Receive Previous Sit Lot/Building Additional In	ed: e Name: Size:	20200106026 C Standard Report 09-JAN-20 06-JAN-20 Fire Insur. Maps an	nd/or Site Plans; (	Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: City Directory; Aerial Photos	ON .25 -75.7493161 45.3930593	
<u>41</u>	5 of 7	SE/137.6	67.9/1.14	415 Tweedsmuir Aver Ottawa ON K1Z 5N6	nue	EHS
Order No: Status: Report Type Report Date: Date Receive	•	20200106026 C Standard Report 09-JAN-20 06-JAN-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X:	ON .25 -75.7493161	

Мар Кеу	Number Records		Elev/Diff (m)	Site		DB
Previous Site Name:				Y:	45.3930593	
Lot/Building Additional In		Fire Insur. Maps and	I/or Site Plans; C	City Directory; Aerial Photos		
<u>41</u>	6 of 7	SE/137.6	67.9/1.14	415 Tweedsmuir Aver Ottawa ON K1Z 5N6	nue	EHS
Order No: Status:		20200106026 C		Nearest Intersection: Municipality:		
Report Type Report Date: Date Receive	:	Standard Report 09-JAN-20 06-JAN-20		Client Prov/State: Search Radius (km):	ON .25 -75.7493161	
Previous Sit Lot/Building	te Name: Size:			X: Y:	45.3930593	
Additional In	nfo Ordered:	Fire Insur. Maps and	I/or Site Plans; (	City Directory; Aerial Photos		
<u>41</u>	7 of 7	SE/137.6	67.9/1.14	415 Tweedsmuir Aver Ottawa ON K1Z 5N6	nue	EHS
Order No: Status:		20200106026 C		Nearest Intersection: Municipality:		
Report Type Report Date: Date Receive	:	Standard Report 09-JAN-20 06-JAN-20		Client Prov/State: Search Radius (km): X:	ON .25 -75.7493161	
Previous Sit Lot/Building	te Name: Size:		Vor Site Dianes (	Y:	45.3930593	
Additional In	no Ordered:	File insur. Maps and	i/or Site Plans, C	City Directory; Aerial Photos		
<u>42</u>	1 of 1	WSW/148.0	68.0 / 1.28	277 Richmond Rd Ott Ottawa ON K1Z6X3	awa On	EHS
Order No: Status: Report Type Report Date: Date Receive Previous Sit	: ed:	20140210077 C Standard Report 19-FEB-14 10-FEB-14		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	Ottawa ON .25 -75.752131 45.39327	
Lot/Building Additional In	Size:					
<u>43</u>	1 of 1	WNW/148.0	66.0/-0.77	342 Athlone Avenue Ottawa ON K1Z 5M4		SPL
Ref No: Site No: Incident Dt:		5207-5Q6MTP 8/6/2003		Discharger Report: Material Group: Health/Env Conseg:	Oil	
Year: Incident Cau		Valve / Fitting Leak Or Failure		Client Type: Sector Type:		
Incident Eve Contaminan Contaminan	t Code:	13 FURNACE OIL		Agency Involved: Nearest Watercourse: Site Address:		
	t I imit 1			Site District Office:	Ottawa	
Contaminan Contam Lim	it Freq 1:			Site Postal Code:	Fastern	
	it Freq 1: It UN No 1: It Impact: Ipact:	Possible Soil Contamination Land		Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc:	Eastern Ottawa	

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Dt MOE Arvi MOE Reporte Dt Document Incident Rea Site Name: Site County//	ed Dt: t Closed: son:	corrosion	- All forms of interna S. 21	al/external	Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	Spill to Land	
Site Geo Ref Incident Sun Contaminant	nmary:		Ottawa: 2L furnace 2 L	oil spill to grnd			
<u>44</u>	1 of 1		NNW/154.7	64.8 / -1.87	336 Tweedsmuir Ottawa ON		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	201708210 C Standard I 25-AUG-1 21-AUG-1	Report 7	d/or Site Plans; C	Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: ity Directory	ON .25 -75.75109 45.395297	
<u>45</u>	1 of 1		WSW/156.6	68.0 / 1.28	ON		WWIS
Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Matel Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Beo Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy PDF URL (Mate)	er Use: Ise: atus: rial: in Method: ): liability: liability: liability: Bedrock: Bedrock: Level: ):	7224473 C22339 A147227			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	Yes 7/24/2014 True 6964 8 OTTAWA NEPEAN TOWNSHIP	
<u>Additional De</u> Well Comple Year Comple	ted Date:	-	2014/05/12 2014				
Depth (m): Latitude: Longitude: Path:			45.3930872572404 -75.7520840454364				
Bore Hole In	formation						
Bore Hole ID	:	100496304	49		Elevation:	66.485649	
137	erisinfo.cc	om   Enviro	nmental Risk Info	rmation Service	es	Order No: 2	1070600514

Мар Кеу	Number Records	•	rection/ stance (m)	Elev/Diff (m)	Site		DB
DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	sc: ted: trce Date: Location S Location I ion Comm	Method:	0:00:00		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 441131.00 5026894.00 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>46</u>	1 of 1	SW/	160.1	67.8 / 1.12	288 Richmond Road Ottawa ON K1Z 6X5		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building S Additional Inf	d: Name: Size:	20190509037 C Standard Repor 14-MAY-19 09-MAY-19	t		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.75172 45.392798	
<u>47</u>	1 of 1	NE/1	160.5	64.9 / -1.80	361 McRae Avenue Ottawa ON K1Z 8P4		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building S Additional Inf	d: Name: Size:	20100601019 C Custom Report 6/2/2010 6/1/2010			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON 0.25 -75.749326 45.395231	
<u>48</u>	1 of 1	SW/	162.0	67.8 / 1.12	298 Richmond Road Ottawa ON		wwis
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation (m) Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate:	er Use: se: atus: rial: Method: : liability: rock: Bedrock: Level:	7346073 Monitoring and Monitoring and Z298271 A274737			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	10/30/2019 True 7241 7 298 Richmond Road OTTAWA NEPEAN TOWNSHIP	

# Clear/Cloudy:

# PDF URL (Map):

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

Well Completed Date:	2019/09/17
Year Completed:	2019
Depth (m):	10.06
Latitude:	45.3928635897017
Longitude:	-75.7518766704534
Path:	

#### Bore Hole Information

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Supplier Comment:

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:	0.310000023841858
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

• •	umber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End D Formation End D		0.3100000023841858 m	3		
Overburden and Materials Interva					
Formation ID:		1007890240			
Layer:		3			
Color: General Color:		2 GREY			
Mat1:		15			
Most Common M Mat2: Mat2 Desc:	laterial:	LIMESTONE			
Mat2 Desc. Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top D Formation End D Formation End D	epth:	2.440000057220459 10.0600004196167 m			
<u>Annular Space/A</u> <u>Sealing Record</u>	<u>bandonment</u>				
Plug ID:		1007891424			
Layer:		1			
Plug From: Plug To:		0 0.310000002384186			
Plug Depth UOM	:	m			
<u>Annular Space/A</u> <u>Sealing Record</u>	<u>bandonment</u>				
Plug ID:		1007891426			
Layer:		3 6.69999980926514			
Plug From: Plug To:		10.0600004196167			
Plug Depth UOM	:	m			
<u>Annular Space/A</u> <u>Sealing Record</u>	<u>bandonment</u>				
Plug ID:		1007891425			
Layer:		2			
Plug From: Plug To:		0.310000002384186 6.69999980926514			
Plug Depth UOM	:	m			
<u>Method of Const</u> <u>Use</u>	ruction & Well				
Method Construc	tion ID:	1007892588			
Method Construc	tion Code:	5			
Method Construct Other Method Co		Air Percussion			
Pipe Information					
Pipe ID:		1007888647			
Casing No:		0			
Comment: Alt Name:					
, at nume.					

# Construction Record - Screen

Screen ID:	1007893381
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

# Results of Well Yield Testing

Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate:	1007894064
Flowing Rate: Recommended Pump Rate: Levels UOM:	m
Rate UOM: Water State After Test Code:	LPM
Water State After Test: Pumping Test Method:	0
Pumping Duration HR: Pumping Duration MIN: Flowing:	

#### Hole Diameter

Hole ID:	1007892095
Diameter:	11.430000305175781
Depth From:	0.0
Depth To:	2.74000009536743
Hole Depth UOM:	m
Hole Diameter UOM:	cm

# Hole Diameter

Hole ID: Diameter:	1007892096 7.619999885559082
Depth From:	2.74000009536743
Depth To:	10.0600004196167
Hole Depth UOM:	m
Hole Diameter UOM:	cm

49 1 of 2	NE/165.1	64.8 / -1.87	359 McRae Street <un Ottawa ON K1Z 8P4</un 	OFFICIAL>	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1:	6347-785KJ6 Tank (Underground) Leak 13 FURNACE OIL		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office:	Oil Other	

Map Key Numbe Record		Elev/Diff (m)	Site	DB
Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	Not Anticipated Soil Contamination Land No Field Response 10/19/2007 10/26/2007 Equipment Failure 359 McRae Street Dependable Demol 50 L		Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	Ottawa
49 2 of 2	NE/165.1	64.8 / -1.87	359 McRAE STREET OTTAWA ON	HINC
External File Num: Fuel Occurrence Type: Date of Occurrence: Fuel Type Involved: Status Desc: Job Type Desc: Oper. Type Involved: Service Interruptions: Property Damage: Fuel Life Cycle Stage: Root Cause: Reported Details: Fuel Category: Occurrence Type: Affiliation: County Name: Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:	Ottawa 50 No Unknown Liters	pill I Analysis(End) Occurrence (FS) estaurant, busines ment/Material/Cor Human Factors:` er (Licensee/Regis	nponent:No Procedures:No Yes stration/Certificate Holder, Fa	
50 1 of 2	SSW/166.4	68.9/2.16	ZONE 5 LANDSCAPI 409 EDGEWOOD AVE ON	NG INC E,,OTTAWA,ON,K1Z 5K6,CA PINC
Incident ID: Incident No: Incident Reported Dt: Type: Status Code: Customer Acct Name: Incident Address: Tank Status: Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence:	1732174 10/6/2015 FS-Pipeline Incident ZONE 5 LANDSCAPING INC 409 EDGEWOOD AVE,,OTT 5K6,CA Pipeline Damage Reason Est 5891737	AWA,ON,K1Z	Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:	Natural Gas Yes Yes

Мар Кеу	Numbe Record			Site		DB
Occurrence S Operation Ty <sub>l</sub> Pipeline Type	pe: b:	2015/10/06		Method Details:	E-mail	
Regulator Typ Summary: Reported By:			OD AVENUE, OTTAV n - ENBRIDGE	VA - PIPELINE HIT - 1 ¼"		
Affiliation: Occurrence D Damage Reas Notes:		Excavation pra	ctices not sufficient			
<u>50</u>	2 of 2	SSW/166.4	68.9/2.16	Enbridge Gas Distribu 409 Edgewood Avenu Ottawa ON		SPL
Ref No: Site No: Incident Dt:		6661-A32JXW NA 10/6/2015		Discharger Report: Material Group: Health/Env Conseg:		
Year: Incident Caus Incident Even				Client Type: Sector Type: Agency Involved:	Unknown / N/A	
Contaminant Contaminant Contaminant Contam Limit	Name: Limit 1:	35 NATURAL GAS (METHA	NE)	Nearest Watercourse: Site Address: Site District Office: Site Postal Code:	409 Edgewood Avenue	
Contaminant Contaminant Environment Nature of Imp Receiving Me	UN No 1: Impact: pact:			Site Postal Code. Site Region: Site Municipality: Site Lot: Site Conc:	Ottawa	
Receiving En MOE Respons Dt MOE Arvl o MOE Reporte	se: on Scn:	No 10/6/2015		Northing: Easting: Site Geo Ref Accu: Site Map Datum:		
Dt Document		11/27/2015		Site Map Datum: SAC Action Class:	TSSA - Fuel Safety Branch - H Release/Spill	ydrocarbon Fue
Incident Reas Site Name: Site County/D Site Geo Ref I	District:	Operator/Human Error Residential Lin	e Strike <unofficia< td=""><td>Source Type:</td><td></td><td></td></unofficia<>	Source Type:		
Incident Sum Contaminant	mary:		/4" pl intermediate m cident description	ain dmgd; made safe		
<u>51</u>	1 of 1	SW/171.9	67.9/1.16	298 Richmond Road Ottawa ON		wwis
Well ID:	<b>D</b> (	7346074		Data Entry Status:		
Construction Primary Wate Sec. Water Us	r Use:	Monitoring and Test Hole		Data Src: Date Received: Selected Flag:	10/30/2019 True	
Final Well Sta Water Type: Casing Mater		Monitoring and Test Hole		Abandonment Rec: Contractor: Form Version:	7241 7	
Audit No: Tag: Construction Elevation (m)	Method:	Z298270 A274736		Owner: Street Name: County: Municipality:	298 Richmond Road OTTAWA NEPEAN TOWNSHIP	
Elevation (m) Elevation Rel Depth to Bed Well Depth:	iability:			Site Info: Lot: Concession:	NEFLAN TOWNSHIP	
Ven Deptn: Overburden/E Pump Rate: Static Water I				Concession: Concession Name: Easting NAD83: Northing NAD83:		

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Flowing (Y/N): Flow Rate: Clear/Cloudy:				Zone: UTM Reliability:		
PDF URL (Map	):					
Additional Deta	ail(s) (Map)					
Well Complete Year Complete Depth (m): Latitude: Longitude: Path:		2019/09/17 2019 5.49 45.3927999973143 -75.7519652556622				
Bore Hole Info	<u>rmation</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete		-2019 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 441140.00 5026862.00 UTM83 4 margin of error : 30 m - 100 m	
Remarks: Elevrc Desc: Location Sourc Improvement L	ce Date: Location Source: Location Method: Ion Comment:			Location Method:	wwr	
<u>Overburden an</u> Materials Inter						
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc:		1007890242 2 6 BROWN 28 SAND				
Mat3: Mat3 Desc: Formation Top Formation End Formation End	l Depth:	85 SOFT 0.31000002384185 1.220000028610229 m				
<u>Overburden an</u> Materials Inter						
Formation ID: Layer: Color: General Color: Mat1: Most Common		1007890243 3 2 GREY 15 LIMESTONE				
Mat2: Mat2 Desc: Mat3:		74				

	Number of Records	<i>Direction/ Distance (m)</i>	Elev/Diff (m)	Site	DB
Mat3 Desc: Formation Top Formation End Formation End	Depth:	LAYERED 1.2200000286102295 5.489999771118164 m			
<u>Overburden and</u> <u>Materials Interv</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Formation Top Formation End Formation End	Depth: Depth:	1007890241 1 8 BLACK 27 OTHER 11 GRAVEL 66 DENSE 0.0 0.3100000023841858 m	1		
<u>Annular Space/</u> Sealing Record					
Plug ID: Layer: Plug From: Plug To: Plug Depth UOI	И:	1007891427 1 0 0.310000002384186 m			
Annular Space/ Sealing Record	Abandonment				
Plug ID: Layer: Plug From: Plug To: Plug Depth UOI	И:	1007891429 3 2.13000011444092 5.48999977111816 m			
<u>Annular Space/</u> Sealing Record					
Plug ID: Layer: Plug From: Plug To: Plug Depth UOI	М:	1007891428 2 0.310000002384186 2.13000011444092 m			
<u>Method of Cons</u> <u>Use</u>	struction & Well				
Method Constru Method Constru Method Constru Other Method C	uction Code: uction:	1007892589 5 Air Percussion			
<u>Pipe Informatio</u>	<u>n</u>				
Pipe ID: Casing No:		1007888648 0			

Comment: Alt Name:

# Construction Record - Screen

Screen ID: Layer:	1007893382 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	

52 1 of 2	N/174.5	64.8 / -1.92	335 Tweedsmuir Ave Ottawa ON		SPL
Ref No: Site No: Incident Dt: Year:	2481-B7NJFP NA 2018/12/21		Discharger Report: Material Group: Health/Env Conseq: Client Type:	2 - Minor Environment	
Incident Cause: Incident Event: Contaminant Code:	Leak/Break 35		Sector Type: Agency Involved: Nearest Watercourse:	Unknown / N/A	

Мар Кеу	Number Records		ection/ tance (m)	Elev/Diff (m)	Site		DE
Contaminant Contaminant Contaminant Contaminant Environment Nature of Imp Receiving Me Receiving En MOE Respons Dt MOE Arvl of MOE Reporte Dt Document Incident Reas Site Name: Site Geo Ref Incident Sum Contaminant	Limit 1: t Freq 1: UN No 1: Impact: wact: dium: v: se: on Scn: d Dt: Closed: son: District: Meth: mary:	TSSA/	Error ge: 1/2" gaslir	ne <unofficial> " gasline damage at description</unofficial>	Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	335 Tweedsmuir Ave Ottawa Eastern Ottawa Air Spills - Gases and Vapours Pipeline/Components	
<u>52</u>	2 of 2	N/174	4.5	64.8 / -1.92	CA	NVE,,OTTAWA,ON,K1Z 5N3,	PINC
Incident ID: Incident No: Incident Repo Type: Status Code: Customer Acc Incident Addr Tank Status: Task No: Spills Action Fuel Type: Fuel Occurren Date of Occur Occurrence S Operation Typ Pipeline Type Regulator Typ Summary: Reported By: Affiliation: Occurrence D Damage Reas Notes:	ct Name: ress: Centre: nce Tp: rrence: Start Dt: pe: s: oe: Desc:	2468398 12/21/2018 FS-Pipeline Incid TSSA INCIDENT 335 TWEEDSMU 5N3,CA Non Mandated	S	TAWA,ON,K1Z	ON Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:		
<u>53</u> Generator No	1 of 1	<b>ENE</b> / ON5481302	175.4	65.2 / -1.53	Leimerk Developmer 205 Richmond Road Ottawa ON K1Z 6W4 PO Box No:	1	GEN
Status: Approval Yea Contam. Faci. MHSW Facilit SIC Code: SIC Descriptio	nrs: lity: 'y:	04			Country: Choice of Contact: Co Admin: Phone No Admin:		

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Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>54</u>	1 of 1		NNE/184.0	64.3 / -2.39	320 McRae Ave Ottawa ON		wwis
Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Tag: Construction Elevation Re Depth to Beo Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	er Use: Ise: atus: rial: n Method: ): liability: drock: Bedrock: [Bedrock: Level: 1):	-	and Test Hole and Test Hole		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	3/8/2019 True 7241 7 320 McRae Ave OTTAWA NEPEAN TOWNSHIP	
PDF URL (Ma Additional D	.,	<b>D</b> )					
Well Comple Year Comple Depth (m): Latitude: Longitude: Path:			2018/11/02 2018 7.62 45.3956021738196 75.7501754348732				
Bore Hole In	formation						
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Location Sou Improvemen Improvemen Source Revis Supplier Con	sc: sc: eted: urce Date: t Location i t Location i sion Comm	Source: Nethod:	54 18 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	18 441283.00 5027172.00 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Overburden</u> <u>Materials Inte</u>		: <u>k</u>					
Formation IE Layer: Color: General Colo Mat1: Most Commo Mat2:	or: on Material.		2 GREY 15 LIMESTONE				
148	erisinfo.co	om   Enviro	nmental Risk Info	rmation Servic	es	Order No: 2107	/0600514

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc: Mat3: Mat3 Desc: Formation Toj Formation End Formation End		74 LAYERED 1.820000052452087 7.619999885559082 m			
<u>Overburden a</u> Materials Intel					
Formation ID: Layer: Color: General Color Mat1: Most Commol Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End	r: n Material: p Depth:	1007824507 1 8 BLACK 27 OTHER 11 GRAVEL 66 DENSE 0.0 0.310000002384185 m	8		
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID: Layer: Color: General Color Mat1: Most Commol Mat2: Mat2 Desc: Mat3 Desc: Formation Top Formation End	r: n Material: p Depth:	1007824508 2 6 BROWN 28 SAND 11 GRAVEL 85 SOFT 0.310000002384185 1.519999980926513 m			
<u>Overburden a</u> <u>Materials Intel</u>					
Formation ID: Layer: Color: General Color Mat1: Most Commol Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Toj Formation End	r: n Material: p Depth:	1007824509 3 2 GREY 15 LIMESTONE 06 SILT 92 WEATHERED 1.51999980926513 1.820000052452087 m			
<u>Annular Space</u> Sealing Recor	e/Abandonment rd				
Plug ID:		1007826026			

Layer:       3         Plug From:       4.26999990302651         Plug Depth UOM:       m         Annular Space/Abandonment.	• •	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Plug Dept VOM:         m           Anulat Snace/Abandonment:         007826027           Sager:         3           Plug ID:         1007826027           Sager:         3           Plug To:         1007826027           Sager:         3           Plug To:         1007826027           Sager:         3           Plug To:         7.619999980502651           Plug Do:         1007827025           Plug Do:         1007827025           Sager:         1           Plug Do:         1007827025           Sager:         1           Nug Forn:         0           Sager:         1007827813           Wethod Construction:         Nir Percussion           Other Method Construction:         Nir Percussion           Other Method Construction:         1007822892           Sager:         10           Screen Dio:         10 <td>ayer:</td> <td></td> <td>2</td> <td></td> <td></td> <td></td>	ayer:		2			
Plug Depth UOM:         n           Annular. Space/Abandonment.						
Annular Space/Abendomment. Sealing Reacrd  Plug ID: 1007826027 199999909020261 Plug Tom: 4.26999990920261 Plug Dom: 7.619999980505500 Plug Dom: 7.619999980505500 Plug Dom: 007826025 Lyver 0 Annular Space/Abendomment. Sealing Reacrd  Plug Do 0.007826025 Lyver 0 Annular Space/Abendomment. Sealing Reacrd  Plug Do 0.007826025 Lyver 0 Annular Space/Abendomment. Sealing Reacrd  Plug Do 0.007826025 Lyver 0 Annular Space/Abendomment. Sealing Reacrd  Plug Do 0.007826025 Lyver 0 Annular Space/Abendomment. Sealing Reacrd  Plug Do 0.007827613 Arr Percussion Other Method Construction 5 Arr Percussion Other Method Construction Arr Percussion Other Method Construction Do 0.007822323 Construction Construction DO 0.007829992 Layer 1 Soreen Di 0.1007829992 Layer 1 Soreen Di 0.100782992 Layer 1 Soreen Di 0.10078299 2 Layer 1 Soreen Di 0.10078299 2 Layer 1 Soreen Di 0.10078299 2 Layer 1 Soreen Di 0.1007829 2 Layer 1 Laye	Plug To:		4.26999998092651			
Sealing Record         Plug Dr:       1007824027         Layer:       3         Plug Torm:       4.2689998002651         Plug Torm:       7.6189988055900         Plug Depth UOM:       m         Annular Space/Abandonment.       Sealing Record         Sealing Record       0         Plug To:       1007825025         Layer:       1         Plug To:       0.31000002384186         Plug To:       0.310000002384186         Plug To:       0.310000002384186         Plug Depth UOM:       m         Method Construction Record:       S         Method Construction Code:       5         Method Construction:       Ni Percussion         Ohrer Method Construction:       Ni Percussion         Ohrer Method Construction:       Ni Percussion         Construction Record - Screen       S         Screen ID:       10078229323         Casing No:       10         Screen ID:       10078228992         Layer:       10         Screen Disce:       7         Screen Disce:       7         Screen Disce:       7         Screen Disce:       5         Screen Disce: <td>Plug Depth UO</td> <td>М:</td> <td>m</td> <td></td> <td></td> <td></td>	Plug Depth UO	М:	m			
View         1007828027           Layer:         3           Plog From:         4.2693999002851           Plog Doph UOM:         m           Annular Space/Abandonment.         Sealing Record           Sealing Record         1007828025           Plog Doph UOM:         m           Annular Space/Abandonment.         Sealing Record           Plog To:         1007828025           Layer:         1           Plog To:         0.310000002384186           Plog To:         0.007822625           Screen To:         1007822923           Construction Record - Screen         0           Screen To:         1007822992           Layer:         1           Screen To:         1007828992           Layer:         1           Screen To:         0.03000020880835           Screen To:         0.03000020880835           Screen To:         0.03000020880835           Screen To:         0.03000020880835           Screen Dopht:         Screen						
Layer:       3         Plog From:       4.269399308022651         Plog Dopth UOM:       m         Annular Space/Abandonment.       Sealing Record         Plog Dopth UOM:       m         Annular Space/Abandonment.       Sealing Record         Plog Dopth UOM:       1007826025         Layer:       1         Plog Form:       0         Plog Top:       0.3100000002384186         Plug Top:       0.07827613         Method of Construction & Weil/       USP         Method Construction:       Air Percussion         Method Construction:       Air Percussion         Plog Information       Air Percussion         Plog Information       1007822323         Casing No:       0         Construction:       1007828992         Layer:       1         Store nDD:       1007828992         Layer:       1         Store nDD copth:       5         Screen ND:       7.61999886556908         Screen ND:       0.03002080835         Screen ND copth:       5         Screen ND copth:       5         Screen ND copth:       5         Screen ND copth:       5	-	1				
Pig Tom:       4.2893998022651         Pig Tom:       7.611939886555008         Ping Tom:       0         Sealing Record       0         Ping ID:       1007826025         Layer:       1         Ping Tom:       0         Ping Tom:       0         Ping Tom:       0         Opt Tom:       0         Ping Tom:       0         Wethod Construction & Well       Unor827613         Method Construction:       Intercussion         Pine Information       Intercussion         Pine Information       0         Pine Information       0         Screen ID:       1007822323         Construction Record - Screen       1         Store       1007828992         Layer:       1         Store       1007828992         Layer:       1         Store       100782892         Screen ID Depth:       5         Storen Dop Depth:	Plug ID:					
Plug Depth UOM:       R         Annular. Space/Abandonment.         Sealing Record         Plug ID:       1007826025         Layer:       1         Plug Tom:       0         Plug Tom:       0         Plug Tom:       0.         Plug Depth UOM:       m         Method Construction & Well       Method Construction Code:         Sean Construction Focor:       5         Method Construction:       Air Percussion         Other Method Construction:       4ir Percussion         Other Method Construction:       1007822323         Casing No:       0         Comment:       10         Streem ID       1007828982         Layer:       1         Streem ID Copth:       7         Streem ID Copth:       5         Streem ID Copth:       5         Streem ID Copth:       5 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
Plug Depth UOM:     m       Annular Space/Abandonment.     Sealing Record       Sealing Record     1007826025       Layer:     1       Plug To:     0.31000002384186       Plug To:     0.07827813       Seating No:     5       Other Method Construction Code:     5       Plue To:     1007827813       Other Method Construction:     Air Percussion       Other Method Construction:     Air Percussion       Other Method Construction:     0       Plop D:     007822323       Construction Record - Screen     0       Construction Record - Screen     10       Screen DD:     1007828992       Layer:     1       Screen Dopcht:     5       Screen Dopcht:     5       Screen Dopcht:     5       Screen Dopcht:     5       Screen Dopht:     5       Screen Dopht:     5       Screen Dophte:     5       Screen Dopht:     5       Screen Dopht:     5						
Sealing Record         1007825025           Layer:         1           Plug Form:         0           Plug Top:         0.31000002384186           Plug Depth UOM:         m           Method of Construction & Well         Use           Use         007827613           Method Construction DID:         1007827613           Method Construction C:         6           Method Construction:         Air Percussion           Other Method Construction:         Air Percussion           Plug Information         1007822323           Construction Record - Screen         0           Construction Record - Screen         0           Screen ID:         1007828992           Layer:         10           Screen ID:         1007828992           Layer:         10           Screen ID:         1007828992           Screen Dameter:         5           Screen Dameter:         5           Screen Dameter:         10           Screen Dameter:         5 </td <td></td> <td>М:</td> <td></td> <td></td> <td></td> <td></td>		М:				
V         1007828025           Layer:         1           Plug Tom:         0           Plug Tom:         0           Plug Tom:         0           Plug Tom:         0           Wethod of Construction & Well         Use           Method Construction ID:         1007827613           Method Construction:         10078276713           Method Construction:         All Percussion           Plug Information         1007822323           Casing No:         0           Comment:         0           Alt Name:         0           Construction Record - Screen         1007828992           Layer:         1           Screen ID:         1007828992           Layer:         1           Screen Top Depth:         5           Screen ID Depth:         5           Screen Diameter VOM:         m           Screen Diameter VOM:         m           Screen Diameter VOM:         m           Screen Diameter:         5.03000020980835           Screen Diameter VOM:         m           Screen Diameter VOM:         m           Screen Diameter VOM:         m           Screen Diameter VOM:						
Layer:       1         Plug For:       0         Plug Tor:       0.310000002384186         Plug Depth UOM:       m         Method of Construction & Well       m         Method Construction & Well       Seconstruction Code:         Method Construction Code:       5         Method Construction:       Air Percussion         Other Method Construction:       Air Percussion         Construction Record - Screen       Construction Record - Screen         Screen ID:       1007822323         Layer:       1         Stor:       10         Screen ID:       1007828992         Layer:       1         Store:       Screen ID         Screen ID Loputh:       7.61999988555908         Screen ID Appth:       7.61999988555908         Screen ID Jameter:       6.03000020980835         Results of Well Yield Testing       No7829787         Pump Test ID:       1007829787         Pump Test ID:       1007829787 <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>	-					
Plug Form:       0         Plug To:       0.310000002384186         Plug Depth UOM:       m         Method of Construction & Well						
Plug To:       0.31000002384186         Plug Depth UOM:       m         Method Of Construction & Well         Use         Method Construction Code:       5         Method Construction:       Air Percussion         Other Method Construction:       Air Percussion         Other Method Construction:       Air Percussion         Pipe Information       1007822323         Casing No:       0         Construction Record - Screen       0         Screen ID:       1007828992         Layer:       1         Stor:       10         Screen Top Depth:       7         Screen ID:       1007828992         Layer:       1         Stor:       10         Screen Top Depth:       5         Screen Top Depth:       5         Screen ID:       1007828993         Screen Top Depth:       5         Screen ID:       100782893         Screen ID:       6.03000020980835         Screen ID:       0007829787         Pump Test ID:       1007829787         Static Level:       Static Level:         Static Level:       Static Level:         Static Level:       Static Level						
Plug Depth UOM:       m         Method Of Construction & Well.	Plua To:		-			
Use         Method Construction ID:       1007827613         Method Construction Code:       5         Method Construction:       Air Percussion         Other Method Construction:       Air Percussion         Pipe Information       0         Pipe Information       0         Casing No:       0         Comment:       0         Art Name:       0         Construction Record - Screen       0         Screen ID:       1007828992         Layer:       10         Screen Top Depth:       10         Screen Top Depth:       5         Screen Top Depth:       5         Screen Diameter UOM:       m         Screen Diameter:       6.03000020980835         Results of Well Yleld Testing       1007829787         Pump Test ID:       1007829787         Pump Set At:       Satic Level After Pumping:         Static Level After Pumping:       Satic Level After Pumping:         Final Level After Pumping:       Satic Level After Pumpinge: <td></td> <td>М:</td> <td></td> <td></td> <td></td> <td></td>		М:				
Method Construction Code: 5 Method Construction: Air Percussion Pipe Information Pipe Information Pipe ID: 1007822323 Casing No: 0 Comment: AIX Name: Construction Record - Screen Screen ID: 1007828992 Layer: 1 Stot: 10 Screen Fnd Depth: 7.6199988555908 Screen Fnd Depth: 7.6199988555908 Screen Fnd Depth: 5 Screen Dameter UOM: m Screen Diameter: 6.03000020980835 Results of Well Yield Testing Pump Test ID: 1007829787 Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth:: Flowing Rate: Flowing Rate: Flowing Rate: Flowing Rate:	<u>Method of Cons</u> <u>Use</u>	struction & Well				
Method Construction Code: 5 Method Construction: Air Percussion Pipe Information Pipe Information Pipe ID: 1007822323 Casing No: 0 Comment: AIX Name: Construction Record - Screen Screen ID: 1007828992 Layer: 1 Stot: 10 Screen Fnd Depth: 7.6199988555908 Screen Fnd Depth: 7.6199988555908 Screen Fnd Depth: 5 Screen Dameter UOM: m Screen Diameter: 6.03000020980835 Results of Well Yield Testing Pump Test ID: 1007829787 Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth:: Flowing Rate: Flowing Rate: Flowing Rate: Flowing Rate:	Method Constru	uction ID:	1007827613			
Other Method Construction:         Pipe Information         Pipe ID:       1007822323         Casing No:       0         Comment:       0         Comment:       0         Alt Name:       0         Construction Record - Screen       0         Screen ID:       1007828992         Layer:       1         Screen Top Depth:       10         Screen Top Depth:       5         Screen Depth UOM:       m         Screen Diameter UOM:       Screen Diameter         Screen D						
Pipe Information         Pipe ID:       1007822323         Casing No:       0         Comment:       0         Alt Name:       0         Construction Record - Screen       0         Screen ID:       1007828992         Layer:       1         Screen Top Depth:       10         Screen Top Depth:       7.6199988555908         Screen Rod Depth:       5         Screen Diameter UOM:       m         Screen Diameter UOM:       Screen Diameter UOM:         Screen Diameter UDM:       Sc	Method Constru	uction:	Air Percussion			
Pipe ID:       1007822323         Casing No:       0         Comment:       0         Alt Name:       0         Construction Record - Screen         Screen ID:         1007828992         Layer:       1         Stot:       10         Screen Top Depth:       7.61999988555908         Screen ID:       7.61999988555908         Screen ID Depth:       5         Screen Depth UOM:       m         Screen Diameter IUOM:       m         Screen Diameter UOM:       m         Screen Diameter:       6.03000020980835         Results of Well Yield Testing         Pump Test ID:       1007829787         Pump Set At:       Static Level:         Static Level:       Final Level After Pumping:         Recommended Pump Depth:       Value V	Other Method C	Construction:				
Casing No:       0         Comment:       Alt Name:         Alt Name:	Pipe Informatio	<u>n</u>				
Comment: Alt Name: Construction Record - Screen Screen ID: 1007828992 Layer: 1 Slot: 0 Soreen Top Depth: Screen Top Depth: Screen End Depth: 7.6199988555908 Screen Material: 5 Screen Diameter UOM: m Screen Diameter UOM: m Screen Diameter UOM: cm Screen Diameter: 6.03000020980835 Results of Well Yield Testing Pump Test ID: 1007829787 Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Flowing Rate:	Pipe ID:		1007822323			
Alt Name:         Construction Record - Screen         Screen ID:       1007828992         Layer:       1         Slot:       0         Screen Top Depth:       5         Screen Top Depth:       5         Screen Material:       5         Screen Depth UOM:       m         Screen Diameter UOM:       m         Screen Diameter UOM:       cm         Screen Diameter UOM:       cm         Screen Diameter:       6.03000020980835         Results of Well Yield Testing       1007829787         Pump Test ID:       1007829787         Pump Set At:       Static Level:         Striat Level After Pumping:       Final Level After Pumping:         Recommended Pump Depth:       Static Level:         Final Level After Pumping:       Final Level After Pumping:         Recommended Pump Depth:       Static Level:         Final Level After Pumping:       Static Level:         Final Level After Pumping:       Static Level:         Final Level After Pumping:       Static Level:         Recommended Pump Depth:       Static Level:         Final Level After Pumping:       Static Level:         Final Level After Pumping:       Static Level: <tr< td=""><td>Casing No:</td><td></td><td>0</td><td></td><td></td><td></td></tr<>	Casing No:		0			
Construction Record - Screen         Screen ID:       1007828992         Layer:       1         Slot:       10         Screen Top Depth:       5         Screen ID Depth:       7.61999988555908         Screen Material:       5         Screen Depth UOM:       m         Screen Diameter UOM:       m         Screen Diameter UOM:       m         Screen Diameter:       6.03000020980835         Results of Well Yield Testing       1007829787         Pump Test ID:       1007829787         Final Level After Pumping:       Static Level:         Final Level After Pumping:       Final Level After Pumping:         Recommended Pump Depth:       Final Level After Pumping:         Recommended Pump Rate:       Fiowing Rate:         Flowing Rate:       Fiowing Rate:	Comment:					
Screen ID:1007828992Layer:1Slot:0Screen Top Depth:7.6199988555908Screen End Depth:7.6199988555908Screen Dameter IOM:mScreen Diameter UOM:mScreen Diameter:6.0300020980835Results of Well Yield Testing1007829787Pump Test ID:1007829787Final Level After Pumping:1007829787Final Level After Pumping:Kesumended Pump Depth:Final Level After Pumping:Kesumended Pump Depth:Final Level After Pumping:Kesumended Pump Depth:Final Level After Pumping:Kesumended Pump Depth:Pumping Rate:Kesumended Pump Rate:	Alt Name:					
Layer:1Slot:10Screen Top Depth:7.61999988555908Screen Material:5Screen Material:5Screen Depth UOM:mScreen Diameter UOM:cmScreen Diameter:6.03000020980835Results of Well Yield Testing1007829787Pump Test ID:1007829787Static Level:Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate:Screen Ender Screen	Construction R	ecord - Screen				
Slot:10Screen Top Depth:7.61999988555908Screen End Depth:7.61999988555908Screen Material:5Screen Diameter UOM:mScreen Diameter UOM:cmScreen Diameter:6.03000020980835Results of Well Yield Testing1007829787Pump Test ID:1007829787Pump Set At:Static Level:Static Level:Static Level:Final Level After Pumping:Secommended Pump Depth:Pumping Rate:Secommended Pump Rate:			1007828992			
Screen Top Depth: Screen Top Depth: Screen Depth DOM: Screen Depth UOM: Screen Diameter UOM: Screen Diameter: Screen Diameter: 6.03000020980835 Results of Well Yield Testing Pump Test ID: Pump Test ID: Static Level: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate:	Layer:					
Screen End Depth:       7.61999988555908         Screen Material:       5         Screen Depth UOM:       m         Screen Diameter UOM:       cm         Screen Diameter:       6.03000020980835         Results of Well Yield Testing       1007829787         Pump Test ID:       1007829787         Pump Set At:       Static Level:         Final Level After Pumping:       Recommended Pump Depth:         Pumping Rate:       Flowing Rate:         Flowing Rate:       Recommended Pump Rate:		nth.	10			
Screen Material:       5         Screen Depth UOM:       m         Screen Diameter UOM:       cm         Screen Diameter:       6.03000020980835         Results of Well Yield Testing         Pump Test ID:       1007829787         Pump Set At:       static Level:         Final Level After Pumping:       recommended Pump Depth:         Pumping Rate:       static Level:         Flowing Rate:       recommended Pump Rate:	Screen End De	oui. nth:	7.61999988555908			
Screen Depth UOM:       m         Screen Diameter UOM:       cm         Screen Diameter:       6.03000020980835         Results of Well Yield Testing       1007829787         Pump Test ID:       1007829787         Pump Set At:       1007829787         Static Level:       Final Level After Pumping:         Recommended Pump Depth:       Y         Pumping Rate:       Flowing Rate:         Flowing Rate:       Kecommended Pump Rate:						
Screen Diameter UOM:       cm         Screen Diameter:       6.03000020980835         Results of Well Yield Testing       1007829787         Pump Test ID:       1007829787         Pump Set At:       1007829787         Static Level:       Final Level After Pumping:         Recommended Pump Depth:       Pumping Rate:         Flowing Rate:       Flowing Rate:         Recommended Pump Rate:       Flowing Rate:						
Results of Well Yield Testing         Pump Test ID:       1007829787         Pump Set At:       1007829787         Static Level:       1007829787         Final Level After Pumping:       Recommended Pump Depth:         Pumping Rate:       1007829787         Flowing Rate:       1007829787         Recommended Pump Rate:       1007829787						
Pump Test ID:       1007829787         Pump Set At:       1007829787         Static Level:       1007829787         Final Level After Pumping:       1007829787         Recommended Pump Depth:       1007829787         Pumping Rate:       1007829787         Flowing Rate:       1007829787         Recommended Pump Rate:       1007829787	Screen Diamete	er:	6.03000020980835			
Pum <sup>°</sup> p Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate:	Results of Well	Yield Testing				
Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate:	Pump Test ID:		1007829787			
Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate:	Pump Set At:					
Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate:						
Pumping Rate: Flowing Rate: Recommended Pump Rate:						
Flowing Rate: Recommended Pump Rate:		Pump Depth:				
Recommended Pump Rate:						
		Dump Data				
		rump kate:	m			

Map Key	Number Records		Elev/Diff n) (m)	Site		DB
Water State Pumping Te Pumping D	est Method:	0				
<u>Hole Diame</u>	<u>ter</u>					
Hole ID: Diameter: Depth From Depth To: Hole Depth Hole Diame	UOM:	1007827266 11.43000030517 0.0 1.519999980926 m cm				
Hole Diame	<u>ter</u>					
Hole ID: Diameter: Depth From Depth To: Hole Depth Hole Diame	UOM:	1007827267 7.619999885559 1.519999980926 7.619999885559 m cm	5137			
<u>55</u>	1 of 1	S/184.2	69.2 / 2.43	BEAVER CONSTRUC 422 ATHLONE AVE,, ON	CTION GROUP INC OTTAWA,ON,K1Z 5M5,CA	PINC
Incident ID: Incident No Incident Re Type: Status Code Customer A Incident Ad	: ported Dt: e: .cct Name:	1609794 4/2/2015 FS-Pipeline Incident BEAVER CONSTRUCTIOI 422 ATHLONE AVE,,OTTA		Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation:	Natural Gas Yes Yes	
Tank Status Task No: Spills Actio Fuel Type: Fuel Occuri	:: n Centre: rence Tp:	CA Pipeline Damage Reason I 5430081		Pipeline System: Depth: Pipe Material: PSIG: Attribute Category:	FS-Perform P-line Inc Invest	
Date of Occ Occurrence Operation 1 Pipeline Ty	Start Dt: ype: pe:	2105/04/02		Regulator Location: Method Details:	E-mail	
Regulator 1 Summary: Reported B Affiliation: Occurrence	y:	422 ATHLONE A Jeff Stiles - Enbr	VE, OTTAWA - PIP idge Gas	ELINE HIT 1 1/4"		
Dccurrence Damage Re Notes:		Excavation pract	ices not sufficient			
<u>56</u>	1 of 7	N/189.3	64.3 / -2.42	DRUMMOND FUELS JAYS GAS BAR, 320 MCRAE) TANK TRUC OTTAWA CITY ON K		SPL
Ref No: Site No:		161738		Discharger Report: Material Group:		
151	erisinfo.co	om   Environmental Risk I	nformation Service	es	Order No: 210	070600514

erisinfo.com | Environmental Risk Information Services

Order No: 21070600514

Map Key	Number Records			Site		DB
Incident Dt: Year: Incident Caus Incident Ever Contaminant Contaminant Contaminant Contaminant Contaminant Environment Nature of Imp Receiving Me Receiving Me Receiving Me Receiving En MOE Reporte Dt Document Incident Reas Site Name: Site County/I	nt: Code: Name: Limit 1: Freq 1: UN No 1: Impact: bact: edium: nv: nse: on Scn: ed Dt: t Closed: son:	11/5/1998 VALVE/FITTING LEAK NOT ANTICIPATED LAND 11/5/1998 EQUIPMENT FAILURE		Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Kegion: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Gap Datum: SAC Action Class: Source Type:	20101	
Site Geo Ref Incident Sum Contaminant	nmary:	DRUMMOND	FUELS: 20L DIESEL	SPILLED TO ASPHALT		
<u>56</u>	2 of 7	N/189.3	64.3 / -2.42	AUTO REB-EX INTERI 320 McRae St Ottawa ON K1Z 5R8	NATIONAL	SCT
Established: Plant Size (ft <sup>:</sup> Employment:	²):	0000 0 0				
<u>Details</u> Description: SIC/NAICS C	ode:	Motor Vehicle 336340	Brake System Manuf	acturing		
Description: SIC/NAICS C	ode:	Motor Vehicle 336350	Transmission and Po	wer Train Parts Manufacturing		
Description: SIC/NAICS C	ode:	Other Motor \ 336390	ehicle Parts Manufact	turing		
<u>56</u>	3 of 7	N/189.3	64.3 / -2.42	AUTO REB-EX INTERI 320 MCRAE AVE OTTAWA ON K1Z 5R8		AUWR
Headcode: Headcode De Phone: List Name: Description:	esc:	96400 Automobile P 6137229499	arts & Supplies-Used	& Rebuilt		
<u>56</u>	4 of 7	N/189.3	64.3 / -2.42	CARSON'S BODY REF 320 MCRAE AVENUE OTTAWA ON K1Z 5R8	-	GEN
Generator No Status: Approval Yea Contam. Faci	ars:	ON1380500 90		PO Box No: Country: Choice of Contact: Co Admin:		
		m   Environmental Ris				Order No: 21070600514

erisinfo.com | Environmental Risk Information Services

Order No: 21070600514

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff ) (m)	Site		DB
MHSW Facili SIC Code: SIC Descript		6352	PAINT/BODY REI	PAIR	Phone No Admin:		
<u>Detail(s)</u>							
Waste Class. Waste Class			122 ALKALINE WAST	ES - OTHER MET	ALS		
<u>56</u>	5 of 7		N/189.3	64.3 / -2.42	CARSON'S BODY REF 320 MCRAE AVENUE OTTAWA ON K1Z 5R8	PAIRS (OUT OF BUSINESS)	GEN
Generator No	o:	ON1380	0500		PO Box No:		
Status: Approval Yea Contam. Fac MHSW Facili	ility:	92,93,9	5,96,97,98		Country: Choice of Contact: Co Admin: Phone No Admin:		
SIC Code: SIC Descript		6352	PAINT/BODY REI	PAIR			
<u>Detail(s)</u>							
Waste Class. Waste Class	-		122 ALKALINE WAST	ES - OTHER MET	ALS		
<u>56</u>	6 of 7		N/189.3	64.3 / -2.42	CARSON'S BODY REF 320 MCRAE AVENUE OTTAWA ON K1Z 5R8		GEN
Generator No Status: Approval Yea Contam. Fac MHSW Facili SIC Code: SIC Descript	ars: ility: ty:	ON1380 94 6352	D500 PAINT/BODY REI	PAIR	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
Detail(s)							
Waste Class Waste Class			122 ALKALINE WAST	ES - OTHER MET	ALS		
<u>56</u>	7 of 7		N/189.3	64.3 / -2.42	320 MCRAE GP INC. 320 MCRAE AVE OTTAWA ON K1Z 5R8		EASR
Approval No. Status: Date: Record Type Link Source: Project Type Full Address	: : :	REGIST 2020-12 EASR MOFA	2-02 Faking - Construction	-	SWP Area Name: MOE District: Municipality: Latitude: Longitude: Geometry X: Geometry Y:	Rideau Valley Ottawa OTTAWA 45.39555556 -75.75027778	
Approval Typ Full PDF Lini				ng - Construction E senvironment.ene.g		cument.action?documentRefID=2	310318
57	1 of 3		ENE/190.9	65.2 / -1.53	Bushtukah 203 Richmond rd		GEN

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Ottawa ON K1Z 6W4	
Generator No. Status: Approval Yea Contam. Facil MHSW Facility	<b>rs:</b> 04, lity:	18211371 05,06,07,08		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
SIC Code: SIC Descriptio	451	1110 Sporting Goods St	ores		
<u>Detail(s)</u>					
Waste Class: Waste Class I	Desc:	251 OIL SKIMMINGS &	& SLUDGES		
<u>57</u>	2 of 3	ENE/190.9	65.2 / -1.53	Bushtukah 203 Richmond rd Ottawa ON	GEN
Generator No. Status: Approval Yea Contam. Facil MHSW Facility	rs: 200	18211371 09		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
SIC Code: SIC Descriptio	451	1110 Sporting Goods St	ores		
<u>Detail(s)</u>					
Waste Class: Waste Class I	Desc:	251 OIL SKIMMINGS &	& SLUDGES		
<u>57</u>	3 of 3	ENE/190.9	65.2 / -1.53	Bushtukah 203 Richmond rd Ottawa ON	GEN
Generator No. Status: Approval Yea		18211371		PO Box No: Country: Choice of Contact:	
Contam. Facil MHSW Facility	lity:			Co Admin: Phone No Admin:	
SIC Code: SIC Description	451	1110 Sporting Goods St	ores		
<u>Detail(s)</u>					
Waste Class: Waste Class I	Desc:	251 OIL SKIMMINGS 8	& SLUDGES		
<u>58</u>	1 of 1	N/198.1	64.1 / -2.65	PRIVATE RESIDENCE 325 TWEEDSMUIR AVE, OTTAWA FURNACE OIL TANK OTTAWA CITY ON K1Z 5N3	SPL
Ref No:	197	7780		Discharger Report: Material Group:	
Site No: Incident Dt: Year:	4/6	/2001		Material Group: Health/Env Conseq: Client Type:	
Incident Caus Incident Even		PE/HOSE LEAK		Sector Type: Agency Involved:	

Map Key Numbe Record		Elev/Diff ) (m)	Site		DB
Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	Possible Soil contamination Land 4/6/2001 UNKNOWN	ENCE FURNACE (	Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	20107	
<u>59</u> 1 of 1	SW/198.9	68.2 / 1.49	ENBRIDGE GAS INC 401 EDEN AVE"OTTA ON	\WA,ON,K1Z 5J1,CA	PINC
Incident ID: Incident No: Incident Reported Dt: Type: Status Code: Customer Acct Name: Incident Address: Tank Status: Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:	2833556 4/22/2020 FS-Pipeline Incident ENBRIDGE GAS INC 401 EDEN AVE,,OTTAWA, Pipeline Damage Reason E		Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:		
<u>60</u> 1 of 1	WSW/199.8	66.9/0.14	305 Picton Avenue Ottawa ON K1Z 6V4		EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered	20120725032 C Standard Report 03-AUG-12 25-JUL-12 d: Fire Insur. Maps a	and/or Site Plans; (	Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: City Directory	ON .25 -75.752967 45.393459	

	Numbe Record		Elev/Diff (m)	Site		Ľ
<u>61</u>	1 of 2	S/201.2	69.8/3.11	424 Athlone St Ottawa ON		SP
Ref No:		6566-9UVP49		Discharger Report:		
Site No:		NA		Material Group:		
Incident Dt:		3/23/2015		Health/Env Conseq:		
Year:		Last (Desal		Client Type:		
Incident Cau Incident Ever		Leak/Break		Sector Type: Agency Involved:		
Contaminant		35		Nearest Watercourse:		
Contaminant	Name:	METHANE GAS, COMPRE GAS)	SSED (NATURAL	Site Address:	424 Athlone St	
Contaminant				Site District Office:		
Contam Limi	•			Site Postal Code:		
Contaminant Environment				Site Region: Site Municipality:	Ottawa	
Nature of Imp	•	Air		Site Lot:	Ollawa	
Receiving Me				Site Conc:		
Receiving En				Northing:		
MOE Respon		N		Easting:		
Dt MOE Arvl		2/22/2015		Site Geo Ref Accu:		
MOE Reporte Dt Document		3/23/2015		Site Map Datum: SAC Action Class:	Air Spills - Gases and Vapours	
Incident Rea		Material Failure - Poor Desi Material	gn/Substandard	Source Type:	An Spins - Gases and vapours	
Site Name:		line strike <unof< td=""><td>FICIAL&gt;</td><td></td><td></td><td></td></unof<>	FICIAL>			
Site County/I						
Site Geo Ref						
Incident Sum Contaminant	•	TSSA: line strike	424 Athlone St, mac	le safe		
<u>61</u>	2 of 2	S/201.2	69.8 / 3.11	GARY PATRICK GEH 424 ATHLONE AVE"C ON	L DTTAWA,ON,K1Z 5M5,CA	PIN
Incident ID:				Fuel Category:	Natural Gas	
Incident No:		1602350		Health Impact:		
Incident Rep	orted Dt:	3/23/2015		Environment Impact:		
Туре:		FS-Pipeline Incident		Property Damage:	Yes	
Status Code:				Service Interupt:	N/	
Customar Ar	ct Name: ress:	GARY PATRICK GEHL 424 ATHLONE AVE,,OTTA	WA ON K17 5M5	Enforce Policy:	Yes	
				Public Relation:		
Incident Add		CA Pipeline Damage Reason E		Pipeline System:		
Incident Add Tank Status:		CA				
Incident Add Tank Status: Task No: Spills Action		CA Pipeline Damage Reason E		Pipeline System: Depth: Pipe Material:		
Incident Add Tank Status: Task No: Spills Action Fuel Type:	Centre:	CA Pipeline Damage Reason E		Pipeline System: Depth: Pipe Material: PSIG:		
Incident Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre	Centre: ence Tp:	CA Pipeline Damage Reason E		Pipeline System: Depth: Pipe Material: PSIG: Attribute Category:	FS-Perform P-line Inc Invest	
Incident Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre Date of Occu	Centre: ence Tp: urrence:	CA Pipeline Damage Reason E 5415185		Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:		
Incident Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre Date of Occu Occurrence S	Centre: ence Tp: irrence: Start Dt:	CA Pipeline Damage Reason E		Pipeline System: Depth: Pipe Material: PSIG: Attribute Category:	FS-Perform P-line Inc Invest E-mail	
Incident Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre Date of Occu Occurrence S Operation Ty	Centre: ence Tp: irrence: Start Dt: vpe:	CA Pipeline Damage Reason E 5415185		Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:		
Incident Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre Date of Occu Occurrence S Operation Type Pipeline Type	Centre: ence Tp: irrence: Start Dt: ipe: e:	CA Pipeline Damage Reason E 5415185		Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:		
Incident Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre	Centre: ence Tp: irrence: Start Dt: ipe: e:	CA Pipeline Damage Reason E 5415185 2015/03/24	st	Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:		
Incident Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre Date of Occu Occurrence S Operation Ty Pipeline Type Regulator Ty Summary: Reported By.	Centre: ence Tp: irrence: Start Dt: ipe: e: ipe:	CA Pipeline Damage Reason E 5415185 2015/03/24	st /ENUE, OTTAWA -	Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:		
Incident Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre Date of Occu Occurrence S Operation Ty Pipeline Type Regulator Ty Summary: Reported By. Affiliation:	Centre: ence Tp: irrence: Start Dt: ipe: e: ipe: :	CA Pipeline Damage Reason E 5415185 2015/03/24 424 ATHLONE A <sup>1</sup>	st /ENUE, OTTAWA -	Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:		
Incident Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre Date of Occu Occurrence S Operation Type Regulator Ty Summary: Reported By. Affiliation: Occurrence I	Centre: ence Tp: irrence: Start Dt: ipe: e: pe: : Desc:	CA Pipeline Damage Reason E 5415185 2015/03/24 424 ATHLONE A Tracy Penney - E	st /ENUE, OTTAWA - NBRIDGE	Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:		
Incident Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre Date of Occu Occurrence S Operation Typ Regulator Ty Summary: Reported By. Affiliation: Occurrence I Damage Rea	Centre: ence Tp: irrence: Start Dt: ipe: e: pe: : Desc:	CA Pipeline Damage Reason E 5415185 2015/03/24 424 ATHLONE A <sup>1</sup>	st /ENUE, OTTAWA - NBRIDGE	Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:		
Incident Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre Date of Occu Occurrence S Operation Type Regulator Type	Centre: ence Tp: irrence: Start Dt: ipe: e: pe: : Desc:	CA Pipeline Damage Reason E 5415185 2015/03/24 424 ATHLONE A Tracy Penney - E	st /ENUE, OTTAWA - NBRIDGE	Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:		

, ,	Number Records		Direction/ Distance (n	Elev/Diff n) (m)	Site	DB
					Ottawa ON	
Ref No: Site No: Incident Dt: Year: Incident Cause Incident Event:	:	1132-AYML NA 2018/05/10 Leak/Break			Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved:	2 - Minor Environment Corporation Miscellaneous Communal
Contaminant Co Contaminant Na Contaminant Li Contam Limit F	lame: imit 1:		GAS (METHAN	IE)	Nearest Watercourse: Site Address: Site District Office: Site Postal Code:	412 Edgewood Avenue Ottawa
Contaminant U Environment In Nature of Impac Receiving Medi	npact: ct:	1075			Site Region: Site Municipality: Site Lot: Site Conc:	Eastern Ottawa
Receiving Env: MOE Response Dt MOE Arvl on MOE Reported	: e: n Scn:	Air No 2018/05/10			Northing: Easting: Site Geo Ref Accu: Site Map Datum:	
Dt Document C	Closed:	2018/05/18 Operator/H			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fu Release/Spill Pipeline/Components
Site County/Dis Site Geo Ref Me Incident Summ	leth: hary:			nch plastic IP servi	ce line strike, made safe.	
Contaminant Q	y.	0				
	2 of 2		SSW/201.6	68.8 / 2.12	PIPELINE HIT 1/2" 412 EDGEWOOD AVE ON	E,,OTTAWA,ON,K1Z 5K5,CA PINC
62 2 Incident ID: Incident No: Incident Report Type: Status Code: Customer Acct Incident Addres	2 of 2 rited Dt: t Name:	2302974 5/11/2018 FS-Pipeline PIPELINE F	<b>SSW/201.6</b> e Incident HIT 1/2"		412 EDGEWOOD AVE	E,,OTTAWA,ON,K1Z 5K5,CA PINC
62 2 Incident ID: Incident No: Incident Report Type: Status Code: Customer Acct Incident Addres Tank Status: Task No: Spills Action Co Fuel Type:	2 of 2 ted Dt: t Name: ss: centre:	2302974 5/11/2018 FS-Pipeline PIPELINE H 412 EDGEV 5K5,CA	<b>SSW/201.6</b> e Incident HIT 1/2"	68.8/2.12	412 EDGEWOOD AVE ON Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy:	E,,OTTAWA,ON,K1Z 5K5,CA
62 2 Incident ID: Incident No: Incident Report Type: Status Code: Customer Acct Incident Addres Tank Status: Task No: Spills Action Ca Fuel Type: Fuel Occurrence Date of Occurrenc Occurrence Sta Operation Type: Regulator Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Des Damage Reaso	2 of 2 ted Dt: t Name: ss: centre: ce Tp: ence: art Dt: e: e: e:	2302974 5/11/2018 FS-Pipeline PIPELINE H 412 EDGEV 5K5,CA	SSW/201.6 a Incident HIT 1/2" WOOD AVE,,O	68.8/2.12	412 EDGEWOOD AVE ON Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material:	E,,OTTAWA,ON,K1Z 5K5,CA
62 2 Incident ID: Incident No: Incident Report Type: Status Code: Customer Acct Incident Addres Tank Status: Tank Occurrence Spills Action Co Spills Action Co Puel Type: Fuel Occurrence Date of Occurrence Date of Occurrence Date of Occurrence Status Operation Type: Regulator Type Summary: Reported By: Affiliation: Occurrence Des Damage Reason Notes:	2 of 2 ted Dt: t Name: ss: centre: ce Tp: ence: art Dt: e: e: e:	2302974 5/11/2018 FS-Pipeline 412 EDGEV 5K5,CA Pipeline Da	SSW/201.6 a Incident HIT 1/2" WOOD AVE,,O	68.8/2.12	412 EDGEWOOD AVE ON Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:	E,,OTTAWA,ON,K1Z 5K5,CA PINC

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Site No: Incident Dt:		NA 8/28/2017			Material Group: Health/Env Conseg:	2 - Minor Environment	
Year:					Client Type:		
Incident Caus			_		Sector Type:	Miscellaneous Industrial	
Incident Even Contaminant		Leak/Break	< C		Agency Involved: Nearest Watercourse:		
Contaminant		HYDRAUL	IC OIL		Site Address:		
Contaminant					Site District Office:	Ottawa	
Contam Limit					Site Postal Code:		
Contaminant		n/a			Site Region:	Eastern	
Environment	•				Site Municipality: Site Lot:	Ottawa	
Nature of Imp Receiving Me					Site Conc:		
Receiving En		Land			Northing:	5027166	
MOE Respons		No			Easting:	441149	
Dt MOE Arvl o	on Scn:				Site Geo Ref Accu:		
MOE Reporte		8/29/2017			Site Map Datum:		
Dt Document					SAC Action Class:	Land Spills	
Incident Reas	on:	Equipment		A1 -	Source Type:	Valve/Fitting/Piping	
Site Name: Site County/D	listrict.	C	OLRT <unoffici< td=""><td>AL&gt;</td><td></td><td></td><td></td></unoffici<>	AL>			
Site Geo Ref I							
Incident Sum	mary:	C	OLRT: 4 L hydrau	lic oil to gravel; cor	ntd & clng		
Contaminant	Qty:	4	l L				
<u>64</u>	1 of 1		NNE/208.6	64.3 / -2.39	Mcrae Avenue Ottawa ON		EHS
Order No:		201402260	)49		Nearest Intersection:		
Status:		C			Municipality:	Ottawa	
Report Type: Report Date:		Custom Re 04-MAR-14	•		Client Prov/State: Search Radius (km):	ON .05	
Date Received	4.	26-FEB-14			X:	-75.750119	
Previous Site		NA			Y:	45.39582	
Lot/Building S Additional Inf		220 m (	City Directory				
65	1 of 1		W/213.8	66.8 / 0.12	ENBRIDGE GAS INC		
_					306 ELMGROVE AVE, ON	,OTTAWA,ON,K1Z 6V1,CA	PINC
Incident ID:					Fuel Category:		
Incident No:		2910936			Health Impact:		
In aldont Dana	orted Dt:	8/24/2020			Environment Impact:		
•		FS-Pipeline	e Incident		Property Damage:		
Туре:			E GAS INC		Service Interupt: Enforce Policy:		
Type: Status Code:	ot Namo:	ENBRIDGE			-		
•		ENBRIDGE 306 ELMG 6V1,CA	ROVE AVE,,OTT	AWA,ON,K1Z	Public Relation:		
Type: Status Code: Customer Acc Incident Addr Tank Status:		306 ELMG	ROVE AVE,,OTT	AWA,ON,K1Z	Pipeline System:		
Type: Status Code: Customer Acc Incident Addr Tank Status: Task No:	ess:	306 ELMG 6V1,CA	ROVE AVE,,OTT	AWA,ON,K1Z	Pipeline System: Depth:		
Type: Status Code: Customer Acd Incident Addr Tank Status: Task No: Spills Action	ess:	306 ELMG 6V1,CA	ROVE AVE,,OTT	AWA,ON,K1Z	Pipeline System: Depth: Pipe Material:		
Type: Status Code: Customer Acd Incident Addr Tank Status: Task No: Spills Action Fuel Type:	ess: Centre:	306 ELMG 6V1,CA	ROVE AVE,,OTT	AWA,ON,K1Z	Pipeline System: Depth: Pipe Material: PSIG:		
Type: Status Code: Customer Acd Incident Addr Tank Status: Task No: Spills Action	ess: Centre: nce Tp:	306 ELMG 6V1,CA	ROVE AVE,,OTT	AWA,ON,K1Z	Pipeline System: Depth: Pipe Material:		
Type: Status Code: Customer Acd Incident Addr Tank Status: Task No: Spills Action Fuel Type: Fuel Occurren	ess: Centre: nce Tp: rrence:	306 ELMG 6V1,CA	ROVE AVE,,OTT	AWA,ON,K1Z	Pipeline System: Depth: Pipe Material: PSIG: Attribute Category:		
Type: Status Code: Customer Acd Incident Addr Tank Status: Task No: Spills Action of Fuel Type: Fuel Occurren Date of Occur Occurrence S Operation Typ	ess: Centre: nce Tp: rence: tart Dt: be:	306 ELMG 6V1,CA	ROVE AVE,,OTT	AWA,ON,K1Z	Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:		
Type: Status Code: Customer Acd Incident Addr Tank Status: Task No: Spills Action Fuel Type: Fuel Occurren Date of Occur Occurrence S Operation Typ Pipeline Type	ess: Centre: nce Tp: rrence: trant Dt: be: :	306 ELMG 6V1,CA	ROVE AVE,,OTT	AWA,ON,K1Z	Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:		
Type: Status Code: Customer Acd Incident Addr Tank Status: Task No: Spills Action Fuel Type: Fuel Occurren Date of Occur Occurrence S Operation Type Regulator Type	ess: Centre: nce Tp: rrence: trant Dt: be: :	306 ELMG 6V1,CA	ROVE AVE,,OTT	AWA,ON,K1Z	Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:		
Type: Status Code: Customer Acd Incident Addr Tank Status: Task No: Spills Action Fuel Type: Fuel Occurren Date of Occur Occurrence S Operation Typ Pipeline Type Regulator Typ Summary:	ess: Centre: nce Tp: rrence: trant Dt: be: :	306 ELMG 6V1,CA	ROVE AVE,,OTT	AWA,ON,K1Z	Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:		
Type: Status Code: Customer Acd Incident Addr Tank Status: Task No: Spills Action Fuel Type: Fuel Occurren Date of Occur Occurrence S Operation Type Regulator Type	ess: Centre: nce Tp: rrence: trant Dt: be: :	306 ELMG 6V1,CA	ROVE AVE,,OTT	AWA,ON,K1Z	Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:		

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Occurrence I Damage Rea Notes:						
<u>66</u>	1 of 2		WSW/214.2	67.9/1.14	P. & T. EQUIPMENT 311 RICHMOND ROAD, SUITE 308 OTTAWA ON K1Z 6X3	PES
Detail Licend Licence No: Status: Approval Da Report Sourd Licence Type	te: ce:	Operator			Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No:	
Licence Type Licence Clas Licence Con Latitude: Longitude: Lot:	e Code: ss:	·			Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County:	
Concession: Region: District: County: Trade Name: PDF Link:					Op Municipality: Post Office Box: MOE District: SWP Area Name:	
<u>66</u>	2 of 2		WSW/214.2	67.9/1.14	GEVC Interactive Inc. 311 Richmond Rd Suite 204 Ottawa ON K1Z 6X3	SCT
Established: Plant Size (ft Employment	t²):		01-AUG-94			
<u>Details</u> Description: SIC/NAICS C			Software Publishers 511210			
<u>67</u>	1 of 1		ENE/214.7	66.0/-0.71	Aland Enterprises 199 Richmond Rd Ottawa ON K1Z 6W4	SCT
Established: Plant Size (ft Employment	t²):		01-AUG-85			
<u>Details</u> Description: SIC/NAICS C			Electrical Wiring and 416110	Construction St	upplies Wholesaler-Distributors	
Description: SIC/NAICS C			Electrical Wiring and 416110	Construction St	upplies Wholesaler-Distributors	
<u>68</u>	1 of 1		SW/219.9	69.0/2.26	Cassone Construction 300 Richmond Rd. Ottawa ON	GEN
159	erisinfo.c	om   Enviro	onmental Risk Infor	mation Servic	es	Order No: 21070600514

Map Key	Numbei Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Generator No Status: Approval Yea Contam. Faci MHSW Facili	ars: ility:	ON47023 2012	399		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
SIC Code: SIC Descript	ion:	236220	Commercial and Ins	stitutional Building	g Construction		
<u>69</u>	1 of 1		SSW/220.5	69.5/2.82	OTTAWA CITY EDGEWOOD AVE./LIN OTTAWA CITY ON	NCOLN AVE.	CA
Certificate #: Application \ Issue Date: Approval Typ Status: Application 1 Client Name: Client Name: Client Addre: Client City: Client Postal Project Desc Contaminant Emission Co	Year: be: Type: ss: Code: ription: ts:		3-0446-93- 93 5/12/1993 Municipal sewage Approved				
<u>70</u>	1 of 5		NE/222.0	63.9 / -2.81	INC.	TAWA) DEVELOPMENT . OTTAWA, ON K1Z 5T9	RSC
RSC ID: RA No: RSC Type: Curr Property Ministry Dist Filing Date: Date Ack: Date Returne Restoration T Soil Type: Criteria:	rict: ed: Type:	Commer	District Office		Cert Date: Cert Prop Use No: Intended Prop Use: Qual Person Name: Stratified (Y/N): Audit (Y/N): Entire Leg Prop. (Y/N): Accuracy Estimate: Telephone: Fax: Email:	Residential DANIEL ARNOTT	
CPU Issued S 1686: Asmt Roll No Prop ID No (I Property Mui Mailing Addr Latitude & L UTM Coordir Consultant: Legal Desc: Measuremen Applicable S RSC PDF:	o: PIN): nicipal Add ress: atitude: nates: nates:	ress:	0614084301316010 04021-0030 (LT) 319 MCRAE AVEN https://www.lrcsde.l attachmentId=4316	UE, OTTAWA, O rc.gov.on.ca/BFI	SWebPublic/pub/viewDocume	ent.action?	
Document(s)	Detail						
Document He Document Na Document Ty	ame:		Supporting Docume Transfer.pdf Copy of any deed(s		ther document(s)		
160	erisinfo.co	om   Envir	ronmental Risk Info	ormation Servic	es	Order No: 2	1070600514

Map Key	Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Document Lir	nk:	https://www.lrcsde attachmentId=431		SWebPublic/pub/viewDocum sfer.pdf	ent.action?	
Document He	eading:	Supporting Docum	nents			
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Document Ty	•	Table of Current a				
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Document He		Supporting Docum				
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Dooument En		attachmentId=441				
Document He Document Na	•	Supporting Docum PE3205 RSC Surv				
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Document He	•	Supporting Docum	nents			
Document Na Document Ty		Lawyer Letter.pdf	nsisting of a legal of	lescription of the property		
Document Li	•			SWebPublic/pub/viewDocum	ent action?	
		attachmentId=431				
Document He	eading:	Supporting Docum				
Document Na		Certificate of Statu				
Document Ty	•	Certificate of Statu				
Document Lir	nk:			SWebPublic/pub/viewDocum	ent.action?	
		allacimentiu=431	60&fileName=Cert	incate+or+Status.pdf		
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Document Na Document Ty	ame: vpe:	Supporting Docurr Table of APECs R Area(s) of Potentia	nents evised.pdf al Environmental C	oncern		
Document Na	ame: vpe:	Supporting Docurr Table of APECs R Area(s) of Potentia https://www.lrcsde	nents levised.pdf al Environmental C .lrc.gov.on.ca/BFI		ent.action?	
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Document Na Document Ty Document Lin <u>70</u> Ref No:	ame: rpe: nk: 2 of 5	Supporting Docum Table of APECs R Area(s) of Potentia https://www.lrcsde attachmentId=431 <i>NE/222.0</i> 7363-9YGP32	nents evised.pdf al Environmental C e.lrc.gov.on.ca/BFI 57&fileName=Tab	oncern SWebPublic/pub/viewDocum le+of+APECs+Revised.pdf Construction <unof 319 McRae St. Ottawa ON Discharger Report:</unof 		SPL
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Document Na Document Ty Document Lin <u>70</u> Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even Contaminant Contaminant Contaminant	ame: rpe: nk: 2 of 5 2 of 5 se: nt: Code: Name: Limit 1:	Supporting Docum Table of APECs R Area(s) of Potentia https://www.lrcsde attachmentId=431 <i>NE/222.0</i> 7363-9YGP32 NA 7/16/2015	nents evised.pdf al Environmental C e.lrc.gov.on.ca/BFI 57&fileName=Tab	oncern SWebPublic/pub/viewDocum le+of+APECs+Revised.pdf Construction <unof 319 McRae St. Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office:</unof 	FICIAL>	SPL
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Document Na Document Ty Document Lin <u>70</u> Ref No: Site No: Incident Dt: Year: Incident Caus Incident Even Contaminant Contaminant Contaminant Contaminant Contaminant Environment Nature of Imp Receiving Me	ame: 'pe: nk: 2 of 5 2 of 5 Se: Code: Name: Limit 1: t Freq 1: UN No 1: Impact: b	Supporting Docum Table of APECs R Area(s) of Potentia https://www.lrcsde attachmentId=431 <i>NE/222.0</i> 7363-9YGP32 NA 7/16/2015	nents evised.pdf al Environmental C e.lrc.gov.on.ca/BFI 57&fileName=Tab	oncern SWebPublic/pub/viewDocum le+of+APECs+Revised.pdf Construction <unof 319 McRae St. Ottawa ON 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 Region: Site Kegion: Site Lot: Site Conc:</unof 	FICIAL> Miscellaneous Industrial 319 McRae St.	SPL
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Document Na Document Ty Document Lin <u>70</u> Ref No: Site No: Incident Dt: Year: Incident Caus Incident Caus Incident Ever Contaminant Contaminant Contaminant Environment Nature of Imp Receiving Me Receiving En	ame: rpe: nk: 2 of 5 2 of 5 se: nt: Code: Name: Limit 1: t Freq 1: UN No 1: Impact: bact: bact: cdium: v: se:	Supporting Docum Table of APECs R Area(s) of Potentia https://www.lrcsde attachmentId=431 <i>NE/222.0</i> 7363-9YGP32 NA 7/16/2015	nents evised.pdf al Environmental C e.lrc.gov.on.ca/BFI 57&fileName=Tab	oncern SWebPublic/pub/viewDocum le+of+APECs+Revised.pdf Construction <unof 319 McRae St. Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Address: Site Postal Code: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting:</unof 	FICIAL> Miscellaneous Industrial 319 McRae St.	SPL
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Document Na Document Ty Document Lin <u>70</u> Ref No: Site No: Incident Dt: Year: Incident Caus Incident	ame: 'pe: nk: 2 of 5 2 of 5 se: nt: Code: Name: Limit 1: t Freq 1: UN No 1: Impact: bact: bact: se: on Scn: d Dt: Closed: son:	Supporting Docum Table of APECs R Area(s) of Potentia https://www.lrcsde attachmentId=431 <i>NE/222.0</i> 7363-9YGP32 NA 7/16/2015 15 HYDRAULIC OIL No 7/16/2015 9/16/2015	hents levised.pdf al Environmental C .lrc.gov.on.ca/BFIS 57&fileName=Tab 63.9 / -2.81	oncern SWebPublic/pub/viewDocum le+of+APECs+Revised.pdf Construction <unof 319 McRae St. Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Postal Code: Site Region: Site Region: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:</unof 	FICIAL> Miscellaneous Industrial 319 McRae St. Ottawa	SPL

Мар Кеу	Numbe Record		Direction/ Distance (m	Elev/Diff n) (m)	Site		DB
Site Geo Rei Incident Sun Contaminan	nmary:		Broccolini Consti 375 L	ruction Ottawa, 375 L I	nyd oil to gravel.		
<u>70</u>	3 of 5		NE/222.0	63.9/-2.81	Broccolini Constructio 319 McRae ottawa ON K1Z 5R8	n Ottawa Inc.	GEN
Generator N Status: Approval Ye Contam. Fac MHSW Facil SIC Code: SIC Descript	ars: cility: ity:		236210, 236220 RESIDENTIAL B		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: CTION, INDUSTRIAL BUILD BUILDING CONSTRUCTIO		ONSTRUCTION,
<u>Detail(s)</u>							
Waste Class Waste Class	-		263 ORGANIC LABC	RATORY CHEMICAL	S		
<u>70</u>	4 of 5		NE/222.0	63.9/-2.81	Colonnade Bridgeport 315 - 319 McRae Street Ottawa ON K1Z 0C2		GEN
Generator N Status: Approval Ye Contam. Fac MHSW Facil SIC Code: SIC Descript	ars: cility: ity:	ON80606 Registere As of Jul 2	d		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>							
Waste Class Waste Class	-		251 L Waste oils/sludg	es (petroleum based)			
<u>70</u>	5 of 5		NE/222.0	63.9 / -2.81	Colonnade Bridgeport 315 - 319 McRae Street Ottawa ON K1Z 0C2		GEN
Generator N Status: Approval Ye Contam. Fac MHSW Facil SIC Code: SIC Descript	ars: cility: ity:	ON80606 Registere As of Jan	d		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>							
Waste Class Waste Class			251 L Waste oils/sludg	es (petroleum based)			

	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		L
Well ID: Construction Da Primary Water U Sec. Water Use: Final Well Status Water Type: Casing Material: Audit No: Tag: Construction Me Elevation (m): Elevation (m): Elevation Reliab. Depth to Bedroc Well Depth: Dverburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	S: Monitorin S: Observat Z324405 A282337 A28237 A28257 A28257 A2857 A285	g and Test Hole ion Wells		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	11/27/2019 True 7241 7 1385 woodroffe Ave OTTAWA OTTAWA CITY	
Additional Detail	I <u>(s) (Map)</u>					
Well Completed Year Completed: Depth (m): Latitude: Longitude: Path:		2019/10/26 2019 7.62 45.3959617753769 -75.7502440741741				
Bore Hole Inforn	nation					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Lo Improvement Lo Source Revision	Date: cation Source: cation Method:	993 019 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 441278.00 5027212.00 UTM83 4 margin of error : 30 m - 100 m wwr	
Supplier Comme	Bedrock					
<u>Materials Interva</u> Formation ID: _ayer:	<u>u</u>	1007906641 2				
Color: General Color: Mat1:		2 GREY 18				
<i>Most Common N Mat2: Mat2 Desc: Mat3: Mat3 Desc:</i>	faterial:	68 DRY				
	sinfo.com   Envir					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	1.059999942779541 7.619999885559082 m			
r ormation En	a Depar oom.				
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID:		1007906640			
Layer:		1			
Color: General Color	·-	6 BROWN			
Mat1:	•	02			
Most Commo Mat2:	n Material:	TOPSOIL			
Mat2 Desc: Mat3:		85			
Mat3 Desc:		SOFT			
Formation To	p Depth:	0.0			
Formation En Formation En	d Depth: d Depth UOM:	1.059999942779541 m			
<u>Annular Spac</u> Sealing Recol	e/Abandonment rd				
Plug ID:		1007907862			
Layer:		3			
Plug From:		4.5			
Plug To: Plug Depth U	OM-	7.59999990463257 m			
riug Deptil O	OM.				
<u>Annular Spac</u> <u>Sealing Reco</u> l	<u>e/Abandonment</u> r <u>d</u>				
Plug ID:		1007907860			
Layer:		1			
Plug From: Plug To:		0 0.310000002384186			
Plug Depth U	ОМ:	m			
<u>Annular Spac</u> Sealing Recol	e/Abandonment rd				
Plug ID:		1007907861			
Layer:		2			
Plug From: Plug To:		0.31000002384186 4.5			
Plug To: Plug Depth U	ОМ:	4.5 M			
<u>Method of Co. Use</u>	nstruction & Well				
Method Cons	truction ID:	1007908875			
Method Cons	truction Code: truction:   Construction:	5 Air Percussion			
<u>Pipe Informat</u>	ion				
Pipe ID:		1007904854			
Casing No:		0			
Comment:					

Alt Name:

#### **Construction Record - Screen**

Screen ID: Layer:	1007909796 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:	6.03000020980835

# Results of Well Yield Testing

Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate:	1007910473
Flowing Rate: Recommended Pump Rate:	
Levels UOM: Rate UOM:	m I PM
Water State After Test Code:	
Water State After Test: Pumping Test Method:	0
Pumping Duration HR: Pumping Duration MIN:	
Flowing:	

#### Hole Diameter

Hole ID:	1007908408
Diameter:	8.0
Depth From:	0.0
Depth To:	7.619999885559082
Hole Depth UOM:	m
Hole Diameter UOM:	cm

72 1 of 1	N/225.3	63.8 / -2.92	320 McRae Ave Ottawa ON		WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level:	7334765 Monitoring and Test Hole Monitoring and Test Hole Z298205 A257422		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:	3/8/2019 True 7241 7 320 McRae Ave OTTAWA NEPEAN TOWNSHIP	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Flowing (Y/N) Flow Rate: Clear/Cloudy:				Zone: UTM Reliability:		
PDF URL (Ma	p):					
Additional De	tail(s) (Map)					
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:		2018/11/02 2018 7.62 45.3959881055944 -75.7503466323358				
Bore Hole Infe	ormation					
Improvement	s: c: red: 02-Nov rce Date: Location Source: Location Method: ion Comment:	<i>ı-</i> 2018 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 441270.00 5027215.00 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	r: n Material: p Depth:	1007824513 3 2 GREY 15 LIMESTONE 74 LAYERED 1.22000028610229 7.6199998855559082 m				
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	r:	1007824511 1 8 BLACK 27 OTHER 11 GRAVEL 66				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc: Formation Top Formation End Formation End	d Depth:	DENSE 0.0 0.310000002384185 m	i8		
<u>Overburden ar</u> Materials Inter					
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End Formation End	n Material: o Depth: d Depth:	1007824512 2 6 BROWN 28 SAND 11 GRAVEL 27 OTHER 0.310000002384185 1.220000028610229 m			
<u>Annular Space</u> <u>Sealing Recor</u>	e/Abandonment d				
Plug ID: Layer: Plug From: Plug To: Plug Depth UC	DM:	1007826028 1 0 0.310000002384186 m	i		
<u>Annular Space</u> Sealing Record	e/Abandonment_ d				
Plug ID: Layer: Plug From: Plug To: Plug Depth UC	DM:	1007826030 3 4.26999998092651 7.61999988555908 m			
<u>Annular Space</u> Sealing Record	e/Abandonment d				
Plug ID: Layer: Plug From: Plug To: Plug Depth UC	DM:	1007826029 2 0.310000002384186 4.26999998092651 m	)		
<u>Method of Cor</u> <u>Use</u>	struction & Well				
Method Const Method Const Method Const Other Method	ruction Code: ruction:	1007827615 5 Air Percussion			
Pipe Information	<u>on</u>				
Pipe ID: Casing No:		1007822324 0			

Comment: Alt Name:

# Construction Record - Screen

Screen ID:	1007828994
Layer:	1
Slot:	10
Screen Top Depth:	4.57000017166138
Screen End Depth:	7.61999988555908
Screen Material:	5
Screen Depth UOM:	m
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03000020980835

**Results of Well Yield Testing** 

Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate:	1007829789
Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:	m LPM 0

#### Hole Diameter

Hole ID:	1007827269
Diameter:	7.619999885559082
Depth From:	1.5199999809265137
Depth To:	7.619999885559082
Hole Depth UOM:	m
Hole Diameter UOM:	cm

#### Hole Diameter

<u>73</u>	1 of 1	SSE/227.7	69.8 / 3.10	OTTAWA CITY - PT.LOT 31, CONC. 1	CA		
Hole Diam	eter UOM:	cm					
Depth From: Depth To: Hole Depth UOM:		1.5199999809265137 m					
							0.0
		Diameter:		11.430000305175781			
Hole ID:		1007827268					

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: 3-1116-92-92 9/1/1992 Municipal sewage Approved

# ATHLONE AVE./BYRON AVE. OTTAWA CITY ON

	r of Direction/ s Distance (m	Elev/Diff ) (m)	Site		DB
Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
74 1 of 2	W/232.1	66.9/0.16	PIPELINE HIT - 2" 310 ELMGROVE AVE ON	;,,OTTAWA,ON,K1Z 6V1,CA	PINC
Incident ID:			Fuel Category:	Natural Gas	
ncident No:	1899576		Health Impact:		
ncident Reported Dt: Type:	7/8/2016 FS-Pipeline Incident		Environment Impact: Property Damage:	Yes	
Status Code:			Service Interupt:	163	
Customer Acct Name:	PIPELINE HIT - 2"		Enforce Policy:	Yes	
ncident Address:	310 ELMGROVE AVE,,OT 6V1,CA	TAWA,ON,K1Z	Public Relation:		
Tank Status: Task No: Spills Action Centre: Fuel Type:	Pipeline Damage Reason E 6241143	Est	Pipeline System: Depth: Pipe Material: PSIG:		
Fuel Occurrence Tp:			Attribute Category:	FS-Perform P-line Inc Invest	
Date of Occurrence: Occurrence Start Dt:	2016/07/18		Regulator Location: Method Details:	E-mail	
Operation Type: Pipeline Type: Regulator Type:	2010/07/10		metrioù Detaris.	L-mail	
Summary:	310 FLMGROVE	AVE, OTTAWA - F	PIPELINE HIT - 2"		
Reported By: Affiliation:	Bernie Monette -	,			
Reported By: Affiliation: Occurrence Desc: Damage Reason:		ENBRIDGE			
Reported By: Affiliation: Occurrence Desc: Damage Reason:	Bernie Monette -	ENBRIDGE	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON	ution Inc.	SPL
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: <u>74</u> 2 of 2	Bernie Monette - Facility was not le <i>W/232.1</i>	ENBRIDGE	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON	ution Inc.	
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: <u>74</u> 2 of 2 Ref No:	Bernie Monette - Facility was not le	ENBRIDGE	Enbridge Gas Distrib 310 Elmsgrove Ave	ution Inc.	
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: <u>74</u> 2 of 2 <u>74</u> 2 of 2 Ref No: Site No: Incident Dt:	Bernie Monette - Facility was not lo <i>W/232.1</i> 2365-ABMRJS	ENBRIDGE	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq:	ution Inc.	
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: <u>74</u> 2 of 2 <u>74</u> 2 of 2 Ref No: Site No: Site No: Incident Dt: Year:	Bernie Monette - Facility was not lo <i>W/232.1</i> 2365-ABMRJS NA	ENBRIDGE	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type:		
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: <u>74</u> 2 of 2 <u>74</u> 2 of 2 Ref No: Site No: Incident Dt: Year: Incident Cause:	Bernie Monette - Facility was not lo <i>W/232.1</i> 2365-ABMRJS NA	ENBRIDGE	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq:	<i>ution Inc.</i> Miscellaneous Industrial	
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: <u>74</u> 2 of 2 <u>74</u> 2 of 2 Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code:	Bernie Monette - Facility was not lo <i>W/232.1</i> 2365-ABMRJS NA 2016/07/07 Leak/Break 35	ENBRIDGE ocated or marked 66.9 / 0.16	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse:	Miscellaneous Industrial	
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: <u>74</u> 2 of 2 <u>74</u> 2 of 2 Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name:	Bernie Monette - Facility was not lo <i>W/232.1</i> 2365-ABMRJS NA 2016/07/07 Leak/Break	ENBRIDGE ocated or marked 66.9 / 0.16	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address:		
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: 74 2 of 2 74 2 of 2 Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1:	Bernie Monette - Facility was not lo <i>W/232.1</i> 2365-ABMRJS NA 2016/07/07 Leak/Break 35	ENBRIDGE ocated or marked 66.9 / 0.16	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse:	Miscellaneous Industrial	
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: 74 2 of 2 Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Limit 1: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:	Bernie Monette - Facility was not lo <i>W/232.1</i> 2365-ABMRJS NA 2016/07/07 Leak/Break 35	ENBRIDGE ocated or marked 66.9 / 0.16	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON 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:	Miscellaneous Industrial 310 Elmsgrove Ave	
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: 74 2 of 2 Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Name: Contaminant Unit 1: Contaminant UN No 1: Environment Impact:	Bernie Monette - Facility was not lo <i>W/232.1</i> 2365-ABMRJS NA 2016/07/07 Leak/Break 35	ENBRIDGE ocated or marked 66.9 / 0.16	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON 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:	Miscellaneous Industrial	
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: 74 2 of 2 Ref No: Site No: Incident Dt: Year: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contaminant Limit 1: Contaminant Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact:	Bernie Monette - Facility was not lo <i>W/232.1</i> 2365-ABMRJS NA 2016/07/07 Leak/Break 35	ENBRIDGE ocated or marked 66.9 / 0.16	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON 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:	Miscellaneous Industrial 310 Elmsgrove Ave	
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: 74 2 of 2 Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contaminant Limit 1: Contaminant UN No 1: Environment Impact: Receiving Medium: Receiving Env:	Bernie Monette - Facility was not lo <i>W/232.1</i> 2365-ABMRJS NA 2016/07/07 Leak/Break 35 NATURAL GAS (METHAN	ENBRIDGE ocated or marked 66.9 / 0.16	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Runicipality: Site Lot: Site Conc: Northing:	Miscellaneous Industrial 310 Elmsgrove Ave	
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:	Bernie Monette - Facility was not lo <i>W/232.1</i> 2365-ABMRJS NA 2016/07/07 Leak/Break 35 NATURAL GAS (METHAN	ENBRIDGE ocated or marked 66.9 / 0.16	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON 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 Region: Site Municipality: Site Lot: Site Conc: Northing: Easting:	Miscellaneous Industrial 310 Elmsgrove Ave	
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:	Bernie Monette - Facility was not lo <i>W/232.1</i> 2365-ABMRJS NA 2016/07/07 Leak/Break 35 NATURAL GAS (METHAN Air No	ENBRIDGE ocated or marked 66.9 / 0.16	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site Address: Site District Office: Site Postal Code: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu:	Miscellaneous Industrial 310 Elmsgrove Ave	
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:	Bernie Monette - Facility was not lo <i>W/232.1</i> 2365-ABMRJS NA 2016/07/07 Leak/Break 35 NATURAL GAS (METHAN	ENBRIDGE ocated or marked 66.9 / 0.16	Enbridge Gas Distrib 310 Elmsgrove Ave Ottawa ON 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 Region: Site Municipality: Site Lot: Site Conc: Northing: Easting:	Miscellaneous Industrial 310 Elmsgrove Ave	SPL

169

Мар Кеу	Number Records		Elev/Diff (m)	Site		DB
Site Name:		Residential <unof< th=""><th>FICIAL&gt;</th><th></th><th></th><th></th></unof<>	FICIAL>			
Site County/I	District:					
Site Geo Ref						
Incident Sum			damage, made safe			
Contaminant	t Qty:	0 other - see incide	ent description			
75	1 of 1	N/234.6	63.7 / -2.99		Scott Street, 311 & 315	EHS
				Tweensmuir Avenue Ottawa ON K1Z 5N3		LIIS
Order No:		20181002086		Nearest Intersection:		
Status:		С		Municipality:		
Report Type:		Custom Report		Client Prov/State:	ON	
Report Date:		09-OCT-18		Search Radius (km):	.25 -75.750654	
Date Receive Previous Site		02-OCT-18		X: Y:		
Lot/Building				1:	45.396073	
Additional In		Fire Insur. Maps a	nd/or Site Plans			
76	1 of 1	ENE/235.1	64.9 / -1.82	193 Richmond Rd		EH6
_				Ottawa ON K1Z6W4		EHS
Order No:		20170317059		Nearest Intersection:		
Status:		С		Municipality:		
Report Type:		Standard Report		Client Prov/State:	ON	
Report Date:		22-MAR-17		Search Radius (km):	.25	
Date Receive		17-MAR-17		X:	-75.747921	
Drovieus Cite	a Nama.					
Previous Site				Y:	45.395027	
Lot/Building	Size:	Fire Insur, Maps a	nd/or Site Plans	Y:	45.395027	
	Size:	: Fire Insur. Maps a	nd/or Site Plans	Υ:	45.395027	
Lot/Building	Size:	Fire Insur. Maps a	nd/or Site Plans 68.1 / 1.34	Y: 190 RICHMOND ROAD OTTAWA ON		wwis
Lot/Building Additional In	Size: nfo Ordered:			190 RICHMOND ROAD		wwis
Lot/Building Additional In <u>77</u>	Size: nfo Ordered: 1 of 1	ESE/237.3		190 RICHMOND ROAD OTTAWA ON		wwis
Lot/Building Additional In <u>77</u> Well ID:	Size: nfo Ordered: 1 of 1 n Date:	ESE/237.3		190 RICHMOND ROAD OTTAWA ON Data Entry Status:		wwis
Lot/Building Additional In <u>77</u> Well ID: Construction	Size: nfo Ordered: 1 of 1 n Date: er Use:	<b>ESE/237.3</b> 7264947		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src:	)	wwis
Lot/Building Additional In 77 Well ID: Construction Primary Wate Sec. Water U Final Well Sta	Size: nfo Ordered: 1 of 1 n Date: rer Use: Jse:	<i>ESE/237.3</i> 7264947 Monitoring and Test Hole		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received:	6/15/2016 True	wwis
Lot/Building Additional In 77 Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type:	Size: nfo Ordered: 1 of 1 n Date: er Use: Jse: tatus:	<i>ESE/237.3</i> 7264947 Monitoring and Test Hole 0		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Data Received: Selected Flag: Abandonment Rec: Contractor:	6/15/2016 True 7241	wwis
Lot/Building Additional In 77 Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Matel	Size: nfo Ordered: 1 of 1 n Date: er Use: Jse: tatus:	<b>ESE/237.3</b> 7264947 Monitoring and Test Hole 0 Monitoring and Test Hole		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	6/15/2016 True	wwis
Lot/Building Additional In 77 Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Matel Audit No:	Size: nfo Ordered: 1 of 1 n Date: er Use: Jse: tatus:	ESE/237.3 7264947 Monitoring and Test Hole 0 Monitoring and Test Hole Z229836		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	6/15/2016 True 7241 7	wwis
Lot/Building Additional In 77 Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Matel Audit No: Tag:	Size: nfo Ordered: 1 of 1 n Date: er Use: Jse: tatus: trial:	<b>ESE/237.3</b> 7264947 Monitoring and Test Hole 0 Monitoring and Test Hole		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name:	6/15/2016 True 7241 7 190 RICHMOND ROAD	wwis
Lot/Building Additional In 77 Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Matel Audit No: Tag: Construction	Size: nfo Ordered: 1 of 1 n Date: rer Use: Jse: tatus: trial: n Method:	ESE/237.3 7264947 Monitoring and Test Hole 0 Monitoring and Test Hole Z229836		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County:	6/15/2016 True 7241 7 190 RICHMOND ROAD OTTAWA	wwis
Lot/Building Additional In 77 Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mateu Audit No: Tag: Construction Elevation (m,	Size: nfo Ordered: 1 of 1 n Date: er Use: Jse: tatus: prial: n Method: n):	ESE/237.3 7264947 Monitoring and Test Hole 0 Monitoring and Test Hole Z229836		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	6/15/2016 True 7241 7 190 RICHMOND ROAD	wwis
Lot/Building Additional In <u>77</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re	Size: nfo Ordered: 1 of 1 n Date: er Use: Jse: tatus: rial: n Method: n): eliability:	ESE/237.3 7264947 Monitoring and Test Hole 0 Monitoring and Test Hole Z229836		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	6/15/2016 True 7241 7 190 RICHMOND ROAD OTTAWA	wwis
Lot/Building Additional In <u>77</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Matel Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Bed	Size: nfo Ordered: 1 of 1 n Date: er Use: Jse: tatus: rial: n Method: n): eliability:	ESE/237.3 7264947 Monitoring and Test Hole 0 Monitoring and Test Hole Z229836		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	6/15/2016 True 7241 7 190 RICHMOND ROAD OTTAWA	wwis
Lot/Building Additional In <u>77</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Beo Well Depth:	Size: nfo Ordered: 1 of 1 n Date: ver Use: Jse: Jse: tatus: orial: n Method: ); eliability: drock:	ESE/237.3 7264947 Monitoring and Test Hole 0 Monitoring and Test Hole Z229836		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	6/15/2016 True 7241 7 190 RICHMOND ROAD OTTAWA	wwis
Lot/Building Additional In 77 Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Matel Audit No: Tag:	Size: nfo Ordered: 1 of 1 n Date: ver Use: Jse: Jse: tatus: orial: n Method: ); eliability: drock:	ESE/237.3 7264947 Monitoring and Test Hole 0 Monitoring and Test Hole Z229836		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	6/15/2016 True 7241 7 190 RICHMOND ROAD OTTAWA	wwis
Lot/Building Additional In <u>77</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m), Elevation Re Depth to Beo Well Depth: Overburden/M	Size: afo Ordered: 1 of 1 1 of 1 m Date: er Use: Jse: Jse: tatus: biability: drock: /Bedrock:	ESE/237.3 7264947 Monitoring and Test Hole 0 Monitoring and Test Hole Z229836		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name:	6/15/2016 True 7241 7 190 RICHMOND ROAD OTTAWA	wwis
Lot/Building Additional In <u>77</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation (m, Elevation Re, Depth to Beo Well Depth: Overburden// Pump Rate: Static Water Flowing (Y/N	Size: afo Ordered: 1 of 1 1 of 1 n Date: ver Use: Jse:	ESE/237.3 7264947 Monitoring and Test Hole 0 Monitoring and Test Hole Z229836		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	6/15/2016 True 7241 7 190 RICHMOND ROAD OTTAWA	wwis
Lot/Building Additional In <u>77</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re, Depth to Beo Well Depth: Overburden/A Pump Rate: Static Water Flowing (Y/N Flow Rate:	Size: afo Ordered: 1 of 1 1 of 1 n Date: er Use: Jse: Jse: tatus: an Method: eliability: drock: /Bedrock: Level: I):	ESE/237.3 7264947 Monitoring and Test Hole 0 Monitoring and Test Hole Z229836		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83:	6/15/2016 True 7241 7 190 RICHMOND ROAD OTTAWA	wwis
Lot/Building Additional In <u>77</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re, Depth to Beo Well Depth: Overburden// Pump Rate: Static Water Flowing (Y/N	Size: afo Ordered: 1 of 1 1 of 1 n Date: er Use: Jse: Jse: tatus: vrial: n Method: eliability: drock: /Bedrock: Level: l): y:	ESE/237.3 7264947 Monitoring and Test Hole 0 Monitoring and Test Hole Z229836		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	6/15/2016 True 7241 7 190 RICHMOND ROAD OTTAWA	wwis
Lot/Building Additional In Additional In TT Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Beo Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy PDF URL (Mater)	Size: nfo Ordered: 1 of 1 n Date: ver Use: Jse:	ESE/237.3 7264947 Monitoring and Test Hole Monitoring and Test Hole Z229836 A164349		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	6/15/2016 True 7241 7 190 RICHMOND ROAD OTTAWA	wwis
Lot/Building Additional In <u>77</u> Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Bed Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N, Flow Rate: Clear/Cloudy	Size: ofo Ordered: 1 of 1 1 of 1 n Date: er Use: Jse:	ESE/237.3 7264947 Monitoring and Test Hole Monitoring and Test Hole Z229836 A164349		190 RICHMOND ROAD OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	6/15/2016 True 7241 7 190 RICHMOND ROAD OTTAWA	wwis

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Year Comple	ted:	2016			
Depth (m):		4.57			
Latitude:		45.3932151983122			
Longitude:		-75.7476781636321			
Path:					
Bore Hole Int	formation				
Bore Hole ID	: 10060	057600		Elevation:	68.231834
DP2BR:				Elevrc:	
Spatial Statu	s:			Zone:	18
Code OB:				East83:	441476.00
Code OB Des	sc:			North83:	5026905.00
Open Hole:				Org CS:	UTM83
Cluster Kind				UTMRC:	4
Date Comple	ted: 20-Ma	ay-2016 00:00:00		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Sou					
	t Location Source:				
	t Location Method	:			
	sion Comment:				
Supplier Con	innent.				
<u>Overburden a</u> Materials Inte					
Formation ID	):	1006113562			
Layer:		3			
Color:		2			
General Colo	or:	GREY			
Mat1:		28			
Most Commo	on Material:	SAND			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation To		2.130000114440918			
Formation E		3.0999999046325684	1		
Formation Er	nd Depth UOM:	m			
<u>Overburden a</u> Materials Inte					
Formation ID	):	1006113560			
Layer:		1			
Color:		6			
General Colo	or:	BROWN			
Mat1:		02			
Most Commo	on Material:	TOPSOIL			
Mat2:					
Mat2 Desc:		05			
Mat3:		85 SOFT			
Mat3 Desc:	n Danéh	SOFT			
Formation To		0.0	2		
Formation E		0.310000023841858	0		
Formation El	nd Depth UOM:	m			
Overburden	and Bedrock				
Materials Inte					

Materials Interval

Formation ID:

1006113561

DB

Map Key Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:	2			
Color: General Color:	6 BROWN			
Mat1:	28			
Most Common Material:	SAND			
Mat2: Mat2 Desc:	11 GRAVEL			
Mat2 Desc. Mat3:	77			
Mat3 Desc:	LOOSE			
Formation Top Depth:	0.3100000238418			
Formation End Depth: Formation End Depth UO	2.13000011444091 <b>M:</b> m	8		
Overburden and Bedrock Materials Interval	<u>.</u>			
Formation ID:	1006113563			
Layer:	4			
Color:	2 CDEV			
General Color: Mat1:	GREY 06			
Most Common Material:	SILT			
Mat2:	28			
Mat2 Desc: Mat3:	SAND 66			
Mat3: Mat3 Desc:	DENSE			
Formation Top Depth:	3.09999990463256	84		
Formation End Depth:	4.57000017166137	7		
Formation End Depth UO	<b>M:</b> m			
<u>Annular Space/Abandonr</u> <u>Sealing Record</u>	<u>ment</u>			
Plug ID: Layer:	1006113573 3			
Plug From:	1.22000002861023	3		
Plug To:	4.57000017166138			
Plug Depth UOM:	m			
<u>Annular Space/Abandonr</u> <u>Sealing Record</u>	<u>ment</u>			
Plug ID:	1006113571			
Layer:	1			
Plug From:	0	26		
Plug To: Plug Depth UOM:	0.31000000238418 m	0		
<u>Annular Space/Abandonr</u> <u>Sealing Record</u>	<u>ment</u>			
Plug ID:	1006113572			
Layer: Plug From:	2 0.31000000238418	86		
Plug To:	1.22000002861023			
Plug Depth UOM:	m			
<u>Method of Construction &amp;</u> <u>Use</u>	& Well			
Method Construction ID: Method Construction Coo	1006113570 <b>de:</b> B			

Мар Кеу	Number Records		Elev/Diff (m)	Site		DB
Method Cons Other Metho		Other Method				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		1006113559 0				
<u>Construction</u>	n Record - S	Screen				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mate Screen Depti Screen Diam Screen Diam	Depth: rial: h UOM: peter UOM:	1006113567 1 10 4.51999998092651 4.57000017166138 5 m cm 4.82000017166138				
Water Details	<u>S</u>					
Water ID: Layer: Kind Code: Kind:		1006113565				
Water Found Water Found		<i>M:</i> m				
Hole Diamete	er					
Hole ID: Diameter: Depth From: Depth To: Hole Depth L Hole Diamete	JOM:	1006113564 8.25 0.0 4.57000017166137 m cm	7			
<u>78</u>	1 of 2	N/239.7	63.7/-3.01	315 Tweedsmuir Ave Ottawa ON K1Z 5N3		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	20200115060 C RSC Report (Urban) 20-JAN-20 15-JAN-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .3 -75.75069378 45.39611799	
<u>78</u>	2 of 2	N/239.7	63.7/-3.01	315 Tweedsmuir Ave Ottawa ON K1Z 5N3		EHS
Order No: Status: Report Type. Report Date: Date Receive		20200115060 C RSC Report (Urban) 20-JAN-20 15-JAN-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X:	ON .3 -75.75069378	

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erisinfo.com | Environmental Risk Information Services

Order No: 21070600514

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Previous Sit Lot/Building Additional In	Size:				Y:	45.39611799	
<u>79</u>	1 of 1	5	SW/239.9	69.0/2.26	404 Eden Avenue Ottawa ON		EHS
Order No: Status: Report Type Report Date: Date Receive Previous Sit	: ed: e Name:	2016020206 C Standard Re 05-FEB-16 02-FEB-16			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.752484 45.392308	
Lot/Building Additional In		Ci	ty Directory				
<u>80</u>	1 of 1	1	NW/243.5	63.9/-2.81	Design 1st Inc. 314 Athlone Ave Ottawa ON K1Z 5M4		SCT
Established: Plant Size (fi Employment	t²):	• •	-JAN-96 00				
<u>Details</u> Description: SIC/NAICS C			Other Miscellan 9990	eous Manufacturir	ng		
Description: SIC/NAICS C			dustrial Design S 1420	ervices			
Description: SIC/NAICS C			Other General-I 3990	Purpose Machiner	y Manufacturing		
Description: SIC/NAICS C			her Managemen 1619	t Consulting Servio	ces		
Description: SIC/NAICS C			achine Shops 2710				
Description: SIC/NAICS C			her Specialized 1490	Design Services			
Description: SIC/NAICS C			ngineering Servic 1330	es			
Description: SIC/NAICS C			Other Miscellan 2999	eous Fabricated M	letal Product Manufacturing		
<u>81</u>	1 of 3	I	NNW/246.5	63.7 / -2.99	315 Tweedsmuir Ave Ottawa ON K1Z 5N3		EHS
Order No: Status:		2020011506 C	0		Nearest Intersection: Municipality:		

Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:

C RSC Report (Urban) 20-JAN-20 15-JAN-20 Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:

ON .3 -75.75069378 45.39611799

Map Key	Numbe Record			Site		DB
<u>81</u>	2 of 3	NNW/246.5	63.7/-2.99	315 Tweedsmuir Ave Ottawa ON K1Z 5N3		EHS
Order No: Status: Report Typ Report Date Date Recei Previous S Lot/Buildin Additional	e: ved: ite Name:	20200115060 C RSC Report (Urban) 20-JAN-20 15-JAN-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .3 -75.75069378 45.39611799	
<u>81</u>	3 of 3	NNW/246.5	63.7/-2.99	315 Tweedsmuir Ave Ottawa ON K1Z 5N3		EHS
Order No: Status: Report Typ Report Date Date Recei Previous S Lot/Buildin Additional	e: ved: ite Name:	20200115060 C RSC Report (Urban) 20-JAN-20 15-JAN-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: Y:	ON .3 -75.75069378 45.39611799	

# Unplottable Summary

# Total: 27 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
СА	Bourke Family Development Inc.	Byron Ave Reginstered Plan No. 204	Ottawa ON	
СА	Petro-Canada		Ottawa ON	
СА		Richmond Road	Ottawa ON	
CA		Tweedsmuir Avenue	Ottawa ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	OTTAWA CITY	BYRON AVENUE	OTTAWA CITY ON	
CA	City of Ottawa	Richmond Road	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	
СА	City of Ottawa	Richmond Road	Ottawa ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
CA	CITY	BYRON AVE.	OTTAWA ON	
EBR	3223701 Canada Inc.	Petrie's Landing II Lot 33, Concession 1	OTTAWA 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	Petro-Canada Inc.		Ottawa ON	L6L 6N5
ECA	Air Rock Drilling Co. Ltd.	Multiple Sites in Ontario Richmond	Ottawa ON	K0A 2Z0
GEN	Kiewit Eurovia Vinci	Cleary Station Richmond Road	Ottawa ON	K2A 0G6

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erisinfo.com | Environmental Risk Information Services

Order No: 21070600514

PTTW	3223701 Canada Inc.	Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA	ON
RST	ULTRAMAR LTÉE	OTTAWA	OTTAWA ON
SPL	PETRO-CANADA	SERVICE STATION	OTTAWA CITY ON
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON
WWIS		lot 31	ON
WWIS		lot 32	ON
WWIS		lot 31	ON
WWIS		lot 32	ON

# **Unplottable Report**

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

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

3911-7BKMY9 2008 2/7/2008 Municipal and Private Sewage Works Approved

5607-79YMZ8

Industrial Sewage Works

2008 2/12/2008

Approved

Petro-Canada Site: Ottawa ON Certificate #:

Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:** 

Site:

### Richmond Road Ottawa ON

Certificate #: 7965-5ERRRZ Application Year: 02 Issue Date: 10/11/02 Approval Type: Municipal & Private sewage Approved Status: Application Type: New Certificate of Approval Client Name: City of Ottawa 110 Laurier Avenue West **Client Address:** 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:** 

<u>Site:</u> Tweedsmuir Ave	nue Ottawa ON	Database: CA
Certificate #: Application Year:	2750-4XTGXB 01	
178 erisinfo.com	n   Environmental Risk Information Services	Order No: 21070600514

Database: CA

Database:

CA

Database: CA

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

### <u>Site:</u> OTTAWA CITY RICHMOND ROAD OTTAWA CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

### <u>Site:</u> OTTAWA CITY BYRON AVENUE OTTAWA CITY ON

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

3-1088-90-

Approved

Municipal sewage

90 6/26/1990 Database: CA

Database:

<u>Site:</u> City of Ottawa Richmond Road Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1424-6CXJGA 2005 6/3/2005 Municipal and Private Sewage Works Approved Database: CA <u>Site:</u> City of Ottawa Richmond Road Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

<u>Site:</u> OTTAWA CITY RICHMOND ROAD OTTAWA CITY ON

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

6859-5X8K46 2004

Municipal and Private Sewage Works

3/23/2004

Approved

### <u>Site:</u> Larco Land Corporation Part of Lot 32, Concession 1, Ottawa Front Ottawa ON

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

<u>Site:</u> City of Ottawa Richmond Road Ottawa ON

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

Database: CA

Database: CA

### <u>Site:</u> NON-PROFIT HOUSING CORPORATION RICHMOND RD.NON-PROFIT HOUSING OTTAWA CITY ON

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

# Site: CITY

### BYRON AVE. OTTAWA ON

3223701 Canada Inc.

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

EBR Registry No:

Ministry Ref No:

Notice Type:

Notice Stage:

Proposal Date:

Notice Date:

Site:

Year:

3-0302-85-006 85 4/22/85 Municipal sewage Approved

# Database: EBR

Decision Posted: Exception Posted: Section: Act 1:

Act 2:

Site Location Map:

 Instrument Type:
 (OWRA s. 34) - Permit to take water

 Off Instrument Name:
 Posted By:

 Posted By:
 Company Name:

 Company Name:
 Site Address:

 Location Other:
 Proponent Name:

 Proponent Address:
 98 Lois Street, Gatineau Quebec, Canada J8Y 3R7

 Comment Period:
 URL:

Petrie's Landing II Lot 33, Concession 1 OTTAWA ON

012-0496

2013

2600-9DMNQJ

Instrument Proposal

November 22, 2013

- • -----

Site Location Details:

Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA

Database:



Database:

CA

Order No: 21070600514

	ce Plan 4R-23561 Ottawa ON H3A 3L3		
Approval No:	1928-8W2Q6W	MOE District:	
pproval Date:	2012-07-10	City:	
tatus:	Approved	Longitude:	
Record Type:	ECA	Latitude:	
ink Source:	IDS	Geometry X:	
SWP Area Name:		Geometry Y:	
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.go	v.on.ca/instruments/2244-8RJQ9S-14.pdf	
un PDF Link.	https://www.accesservironment.ene.go	w.on.ca/instruments/2244-010093-14.pu	
Site: Air Rock Drillin	g Co. Ltd. n Ontario Richmond Ottawa ON		Database ECA
-			
Approval No:	5645-8XTKGR	MOE District:	
Approval Date:	9/5/2012	City: Ottawa	
Status:	Approved	Longitude:	
Record Type:		Latitude:	
ink Source:		Geometry X:	
SWP Area Name:		Geometry Y:	
Approval Type:			
Project Type:	Air/Noise		
Business Name:			
Address:			
Full Address:			
- Full PDF Link:			
<u>Site:</u> Petro-Canada I Ottawa ON L6			Database ECA
Approval No:	4810-4UMJP8	MOE District:	
Approval Date:	2001-03-12	City:	
Status:	Approved	Longitude:	
Record Type:	ECA	Latitude:	
ink Source:	IDS	Geometry X:	
SWP Area Name:		Geometry Y:	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS	-	
Project Type:	INDUSTRIAL SEWAGE WORKS		
Business Name:	Petro-Canada Inc.		
Address:	curada mo.		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.go	v.on.ca/instruments/7825-4UCP9D-14.pdf	
			Database
			Era
Multiple Sites in	n Ontario Richmond Ottawa ON K0A 2Z0		ECA
Multiple Sites in Approval No:	Ontario Richmond Ottawa ON K0A 2Z0 5645-8XTKGR	MOE District:	ECA
Multiple Sites il Approval No: Approval Date:	Dontario Richmond Ottawa ON K0A 2Z0 5645-8XTKGR 2012-09-05	City:	ECA
Multiple Sites i Approval No: Approval Date: Status:	Dontario Richmond Ottawa ON K0A 2Z0 5645-8XTKGR 2012-09-05 Approved	City: Longitude:	ECA
Multiple Sites in Approval No: Approval Date: Status: Record Type:	Dontario Richmond Ottawa ON K0A 2Z0 5645-8XTKGR 2012-09-05	City: Longitude: Latitude:	ECA
Multiple Sites in Approval No: Approval Date: Status: Record Type:	Dontario Richmond Ottawa ON K0A 2Z0 5645-8XTKGR 2012-09-05 Approved	City: Longitude:	ECA
Multiple Sites in Approval No: Approval Date: Status: Record Type: .ink Source:	Dontario Richmond Ottawa ON K0A 2Z0 5645-8XTKGR 2012-09-05 Approved ECA	City: Longitude: Latitude:	ECA
Multiple Sites in Approval No: Approval Date: Status: Record Type: .ink Source: SWP Area Name:	Dontario Richmond Ottawa ON K0A 2Z0 5645-8XTKGR 2012-09-05 Approved ECA	City: Longitude: Latitude: Geometry X:	ECA
Multiple Sites in Approval No: Approval Date: Status: Record Type: .ink Source: SWP Area Name: Approval Type:	Dontario Richmond Ottawa ON K0A 2Z0 5645-8XTKGR 2012-09-05 Approved ECA IDS ECA-AIR	City: Longitude: Latitude: Geometry X:	ECA
Multiple Sites in Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type:	Dontario Richmond Ottawa ON K0A 2Z0 5645-8XTKGR 2012-09-05 Approved ECA IDS ECA-AIR AIR	City: Longitude: Latitude: Geometry X:	ECA
Multiple Sites in Approval No: Approval Date: Status: Record Type: .ink Source: SWP Area Name: Approval Type: Project Type: Business Name:	D Ontario Richmond Ottawa ON KOA 2Z0 5645-8XTKGR 2012-09-05 Approved ECA IDS ECA-AIR AIR Air Rock Drilling Co. Ltd.	City: Longitude: Latitude: Geometry X:	ECA
Multiple Sites in Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address:	Dontario Richmond Ottawa ON K0A 2Z0 5645-8XTKGR 2012-09-05 Approved ECA IDS ECA-AIR AIR	City: Longitude: Latitude: Geometry X:	ECA
Multiple Sites in Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address:	5645-8XTKGR 2012-09-05 Approved ECA IDS ECA-AIR AIR Air Rock Drilling Co. Ltd. Multiple Sites in Ontario Richmond	City: Longitude: Latitude: Geometry X: Geometry Y:	ECA
	5645-8XTKGR 2012-09-05 Approved ECA IDS ECA-AIR AIR Air Rock Drilling Co. Ltd. Multiple Sites in Ontario Richmond	City: Longitude: Latitude: Geometry X:	ECA
Multiple Sites in Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address:	5645-8XTKGR 2012-09-05 Approved ECA IDS ECA-AIR AIR Air Rock Drilling Co. Ltd. Multiple Sites in Ontario Richmond	City: Longitude: Latitude: Geometry X: Geometry Y:	ECA

<u>Site:</u>	Kiewit Eurovia Cleary Station	Vinci Richmond Road Ottawa ON K2A 0G6		Database: GEN
Status: Approv Contan MHSW SIC Co	val Years: n. Facility: Facility:	ON6388739 Registered As of Apr 2021	PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
Detail(s	<u>s)</u>			
Waste Waste	Class: Class Desc:	146 L Other specified inorganic slue	dges, slurries or solids	
Waste Waste	Class: Class Desc:	251 L Waste oils/sludges (petroleur	n based)	
Waste Waste	Class: Class Desc:	221 L Light fuels		
<u>Site:</u>	3223701 Canac Petrie's Landin		Township of Cumberland, Ottawa CITY OF OT	Database: TAWA ON PTTW
Ministr Notice Notice Propos Year: Instrum Off Inst Posted Compa Site Ad Locatic Propon Propon Comme URL: Site Lo	Stage: Date: Date: Sal Date: International Date: International Date: International Date: International Date:	012-0496 2600-9DMNQJ Instrument Decision June 10, 2014 November 22, 2013 2013 (OWRA s. 34) - Permit to Tak 3223701 Canada Inc. 98 Lois Street, Gatineau Que	bec, Canada J8Y 3R7	
<u>Site:</u>	ULTRAMAR LI OTTAWA OTT			Database: RST
Headco Headco Phone: List Na Descriµ	ode Desc: me:	924800 Oils-Fuel 6137275200		

Ref No: Site No:	30833	Discharger Report: Material Group:	
Incident Dt:	2/12/1990	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:	
183 erisinf	o.com   Environmental Risk Information	Services	Order No: 21070600514

Database: SPL

Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: **Dt Document Closed:** Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:

POSSIBLE Soil contamination LAND

2/12/1990

CORROSION

### PETRO CANADA SERVICE STN.FURANCE OIL LEAK.

Agency Involved: Nearest Watercourse:

Site Postal Code:

Site Municipality:

Site Geo Ref Accu:

SAC Action Class:

Site Map Datum:

Source Type:

20101

Site Address: Site District Office:

Site Region:

Site Lot:

Site Conc:

Northing:

Easting:

### Site: TEXACO

### RICHMOND RD. SERVICE STATION OTTAWA CITY ON

Ref No: Site No:	14431	Discharger Report: Material Group:	
Incident Dt:	2/2/1989	Health/Env Conseg:	
Year:	2,2,1000	Client Type:	
Incident Cause:	OTHER CAUSE (N.O.S.)	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freg 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	20101
Nature of Impact:		Site Lot:	20101
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	2/2/1989	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	ERROR	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:			
Contaminant Qty:			

Site: Database: WWIS lot 31 ON Well ID: 1534734 Data Entry Status: Construction Date: Data Src: 1 6/10/2004 Primary Water Use: Not Used Date Received: 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: Street Name: Tag: OTTAWA Construction Method: County: Municipality: Elevation (m): OTTAWA CITY Elevation Reliability: Site Info: Depth to Bedrock: 031 Lot: Well Depth: Concession:

184

Order No: 21070600514

#### Database: SPL

Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:

### **Bore Hole Information**

Bore Hole ID:

Spatial Status:

Code OB Desc:

Date Completed:

DP2BR:

Code OB:

**Open Hole:** 

Cluster Kind:

11097509

o Overburden

31-May-2004 00:00:00

Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: UTM Reliability: Elevation:

Concession Name:

Easting NAD83:

Zone:

Northing NAD83:

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

### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

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 Construction:	Other Method

### Pipe Information

 Pipe ID:
 11101224

 Casing No:
 1

 Comment:
 Alt Name:

### Results of Well Yield Testing

Pump Test ID:991534734Pump Set At:8.0Static Level:8.0Final Level After Pumping:Recommended Pump Depth:Pumping Rate:Flowing Rate:

185

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 Database: WWIS

### Site:

lot 32 ON

101 32 011				
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: 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:	1531568 Dewatering 224542	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 11/17/2000 True 1414 1 OTTAWA OTTAWA CITY 032	
Bore Hole Information Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm	Method:	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM na	

### Overburden and Bedrock Materials Interval

Supplier Comment:

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

### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID: Layer: Color: General Color: Mat1:	931078873 1 6 BROWN 11
	2
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: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3 Desc: Formation Top Depth: Formation End Deoth:	931078874 2 6 BROWN 13 BOULDERS 11 GRAVEL 28 SAND 3.0 12.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

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 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:961531568Method 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: Layer: Material: Open Hole or Material: Depth From:	930093000 2 4 OPEN HOLE
Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	10 inch ft

# Construction Record - Casing

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

### Construction Record - Casing

Casing ID:	930092999
Layer:	1
Material:	1
Open Hole or Material: Depth From: Depth To:	STEEL
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

lot 31 ON

# <u>Site:</u>

Well ID:	1528149	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Not Used	Date Received:	8/30/1994
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	6844
Casing Material:		Form Version:	1
Audit No:	149112	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	

189

### Database: WWIS

Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:

### Bore Hole Information

Bore Hole ID: 10049688 DP2BR: Spatial Status: Code OB: р Unknown type above a bedrock layer Code OB Desc: **Open Hole:** Cluster Kind: 27-Jul-1994 00:00:00 Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

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

Elevation:Elevrc:Zone:18East83:North83:Org CS:UTMRC:9UTMRC Desc:unknown UTMLocation Method:na

031

### 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: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat9 Desce	931068739 3 6 BROWN 05 CLAY 11 GRAVEL
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	2.0 3.0 ft

### Overburden and Bedrock Materials Interval

 Formation ID:
 931068740

 Layer:
 4

190

Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Verburden and Bedrock	6 BROWN 08 FINE SAND 11 GRAVEL 3.0 4.0 ft
Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931068738 2 GREY 21 GRANITE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	2.0 2.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931068741 5 2 GREY 05 CLAY 74 LAYERED
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	4.0 20.0 ft
Annular Space/Abandonment Sealing Record	
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	933113003 1 3 7 ft
<u>Annular Space/Abandonment</u> Sealing Record	
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	933113005 3 9 20 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: Layer: Material: Open Hole or Material: Depth From:	930086839 1 5 PLASTIC
Depth To: Casing Diameter: Casing Diameter UOM:	20 2 inch
Casing Depth UOM:	ft

### Construction Record - Screen

lot 32 ON

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

### <u>Site:</u>

Database: WWIS

Well ID: Construction Date: Primary Water Use:	1536399	Data Entry Status: Data Src: Date Received:	6/19/2006
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	6964
Casing Material:		Form Version:	3
Audit No:	Z34812	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	15000
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	032
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	

192

Flowing (Y/N): Flow Rate: Clear/Cloudy:

### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location S Improvement Location IM Source Revision Comme Supplier Comment:	lethod: ent:	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na
<u>Overburden and Bedroc</u> <u>Materials Interval</u>	<u>k</u>		
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UC	933057971 2 0.7699999809265137 4.869999885559082 <b>DM:</b> m		
Overburden and Bedroc Materials Interval	<u>k</u>		
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UC	933057970 1 2 GREY 05 CLAY 84 SILTY 0.0 0.7699999809265137 <b>DM:</b> m		
<u>Annular Space/Abandon Sealing Record</u> Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	<u>ment</u> 933293797 2 0.5 4.86999988555908 m		

# Annular Space/Abandonment

193

Zone: UTM Reliability:

### Sealing Record

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

### Method of Construction & Well Use

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

### Pipe Information

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

# Order No: 21070600514

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supplies industry. Information is provided on the company name, location and business type.

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: AAGR The MAAP Program maintains a database of abandoned pits and guarries. 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\*

Provincial Aggregate Inventory: 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

Provincial Abandoned Mine Information System: 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

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:

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.

Automobile Wrecking & Supplies:

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

Anderson's Waste Disposal Sites:

Government Publication Date: May 31, 2014

195

Provincial

Private

Provincial

Private

ANDR

AST

AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts &

### Certificates of Approval:

### Dry Cleaning Facilities: List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's

### Commercial Fuel Oil Tanks:

listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information. Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. Government Publication Date: Jul 31, 2020

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

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).

### Chemical Manufacturers and Distributors:

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

Government Publication Date: Jan 2004-Dec 2018

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

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

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

Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of

### **Chemical Register:**

Government Publication Date: 1999-Dec 31, 2020

Please refer to those individual databases for any information after Oct.31, 2011.

tetrachloroethylene to the environment from dry cleaning facilities.

#### Compressed Natural Gas Stations:

Canadian Natural Gas Vehicle Alliance.

# Government Publication Date: Dec 2012 - Apr 2021

### Inventory of Coal Gasification Plants and Coal Tar Sites: 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

#### 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

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.\*

### 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-Apr 30, 2021

Certificates of Property Use:

196

Provincial

#### CA

CDRY

CFOT

CHEM

Federal

Provincial Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this

Private

Private

CHM

CNG

Private Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at

Provincial

COAL

Provincial

CPU

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database provides information on the mill name, geographical location and sub-lethal toxicity data.

Drill Hole Database:

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

Environmental Activity and Sector Registry:

### **Delisted Fuel Tanks:**

Environmental Registry:

### List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information. Government Publication Date: Jul 31, 2020

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-May 31, 2021

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-Apr 30, 2021

### Environmental Compliance Approval:

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- May 31, 2021

Federal Environmental Effects Monitoring: 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

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-Jan 31, 2021

Government Publication Date: 1992-2007\*

ERIS Historical Searches:

197

### Environmental Issues Inventory System:

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\*

Private

Federal

FIIS

### Provincial

DRI

DTNK

Provincial

Provincial

Provincial

Provincial

**FCA** 

EEM

EHS

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### Emergency Management Historical Event:

Government Publication Date: Dec 31, 2016

### Environmental Penalty Annual Report: This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change.

# Government Publication Date: Jan 1, 2011 - Dec 31, 2020

#### 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.

covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

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.

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

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

These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors

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Government Publication Date: Jul 31, 2020

Contaminated Sites on Federal Land:

Federal Convictions:

List of Expired Fuels Safety Facilities:

### 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\*

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:

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):

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

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:

198

Provincial

Federal

Federal

Federal

EPAR

EXP

FCON

FCS

FOFT

FRST

Provincial

### Federal

Provincial

FST

Provincial

### **FMHF**

# Order No: 21070600514

# Fuel Storage Tank - Historic:

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:

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:

### dioxide equivalents (kt CO2 eq). Government Publication Date: 2013-Dec 2019

Provincial **TSSA Historic Incidents:** 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:

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\*

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 in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Fuel Oil Spills and Leaks:

### Landfill Inventory Management Ontario:

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: 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\*

199

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon

Federal

Provincial

Provincial

HINC

Federal

Provincial

Provincial

Private

**FSTH** 

GEN

GHG

IAFT

INC

LIMO

### Mineral Occurrences:

### 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):

### 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: 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:

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\*

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on

### National Defense & Canadian Forces Spills:

### 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

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:

# Government Publication Date: 2008-Mar 31, 2021

jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

National Defence & Canadian Forces Waste Disposal Sites:

### National Energy Board Wells:

200

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\*

Federal

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified

Federal

Federal

Federal

Provincial

**MNR** 

NATE

NDFT

NDWD

NFBI

NEBP

Federal In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of

Provincial

NDSP

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

Federal

# National Environmental Emergencies System (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:

### 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:

### 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

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.

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

Government Publication Date: 1988-Feb 28, 2021

### Ontario Oil and Gas Wells:

Oil and Gas Wells:

### 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: 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:

201

### 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-Apr 30, 2021

Canadian Pulp and Paper: 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:

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

NPCB

**NPRI** 

OGWF

OOGW

ORD

PCFT

Provincial

Provincial 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

Private

Federal

NFFS

Federal

Federal

Federal

Private

Provincial

Government Publication Date: 1988-Aug 2020

Provincial Record of Site Condition: 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

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-May 2021

# Retail Fuel Storage Tanks:

# Government Publication Date: 1999-Dec 31, 2020

# the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

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.

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-May 31, 2021

Government Publication Date: 1989-1996\*

### **Pipeline Incidents:**

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness. Government Publication Date: Oct 31, 2020

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

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-Apr 30, 2021 Ontario Regulation 347 Waste Receivers Summary: 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

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.

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.

### Scott's Manufacturing Directory: 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

Government Publication Date: 1992-Mar 2011\*

**Ontario Spills:** 

202

Private

Provincial

Provincial

PES

PINC

Provincial

Provincial

SCT

SPL

# Order No: 21070600514

Provincial

**WDSH** 

Provincial

Provincial

### 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

Government Publication Date: 1990-Dec 31, 2018

Wastewater Discharger Registration Database:

sampling information is now collected and stored within the Sample Result Data Store (SRDS).

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\*

Anderson's Storage Tanks:

### Transport Canada Fuel Storage Tanks:

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:

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

### Waste Disposal Sites - MOE CA Inventory:

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-May 31, 2021

### Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990\*

### Water Well Information System:

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

TANK

TCFT

VAR

SRDS

Private

Federal

Provincial

WDS

### **WWIS**

Provincial

# 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.

<u>Map Key:</u> 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.'

<u>Unplottables:</u> 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** 

# Nick Sullivan, B.Sc.

# patersongroup

Geotechnical Engineering

Environmental Engineering

**Hydrogeology** 

Geological Engineering

**Materials Testing** 

**Building Science** 

Archaeological Services

# POSITION

**Environmental Scientist** 

# **EDUCATION**

McMaster University, B.Sc. 2016 Earth & Environmental Science

Niagara College, Cert. 2017 Environmental Management & Assessment

# EXPERIENCE

2018 – Present **Paterson Group Inc.** Consulting Engineers Geotechnical and Environmental Division Environmental Scientist

# SELECT LIST OF PROJECTS

Phase I & II Environmental Site Assessments Contaminated Soil and Groundwater Field Sampling Subsurface Investigations of Soil and Rock Stratigraphy Supervision of Environmental Remediation Programs Designated Substance Surveys

# Mark S. D'Arcy, P. Eng

# patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

**Materials Testing** 

**Building Science** 

Archaeological Services

# POSITION

Associate and Supervisor of the Environmental Division Senior Environmental/Geotechnical Engineer

# EDUCATION

Queen's University, B.A.Sc.Eng, 1991 Geotechnical / Geological Engineering

# **MEMBERSHIPS**

Ottawa Geotechnical Group Professional Engineers of Ontario

# EXPERIENCE

1991 to Present **Paterson Group Inc.** Associate and Senior Environmental/Geotechnical Engineer Environmental and Geotechnical Division Supervisor of the Environmental Division

# SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island Agricultural Supply Facilities - Eastern Ontario Laboratory Facility - Edmonton (Alberta) Ottawa International Airport - Contaminant Migration Study - Ottawa **Richmond Road Reconstruction - Ottawa** Billings Hurdman Interconnect - Ottawa Bank Street Reconstruction - Ottawa Environmental Review - Various Laboratories across Canada - CFIA Dwyer Hill Training Centre - Ottawa Nortel Networks Environmental Monitoring - Carling Campus - Ottawa Remediation Program - Block D Lands - Kingston Investigation of former landfill sites - City of Ottawa Record of Site Condition for Railway Lands - North Bay Commercial Properties - Guelph and Brampton Brownfields Remediation - Alcan Site - Kingston Montreal Road Reconstruction - Ottawa Appleford Street Residential Development - Ottawa Remediation Program - Ottawa Train Yards Remediation Program - Bayshore and Heron Gate Gladstone Avenue Reconstruction - Ottawa Somerset Avenue West Reconstruction - Ottawa