



Geotechnical
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Building Science

Phase I - Environmental Site Assessment

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

Prepared For

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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	N
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	N

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			
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 down-gradient 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:

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 <i>(Now 276 Richmond Road)</i>	Former Dry Cleaners	90 m Southwest	N
225 Richmond Road	Former Retail Fuel Outlet (x4 USTs)	70 m Northeast	N
190 Richmond Road	Former Printing Facility	200 m East	N
300 Richmond Road <i>(Now 298 Richmond Road)</i>	Former Auto Service Garage (x2 USTs)	155 m Southwest	N
319 Richmond Road	Former Retail Fuel Outlet (x4 USTs)	225 m Southwest	N
2046 Scott Street	Former Auto Service Garage	245 m Northwest	N
320 McRae Avenue	Former Auto Body Repair Shop	165 m North	N

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 down-gradient 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 m³ 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 m³ 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 m³ 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 via 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 236 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 (F₁-F₄). 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 (F₁-F₄). 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 (F₁-F₄). Based on the analytical test results, the concentration of PHCs F₁ detected in the sample was in excess of the MECP Table 3 commercial standards. It should be noted that the concentration of PHCs F₁ and F₂ 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 (F₁-F₄). Based on the analytical test results, the concentrations of PHCs F₁ and F₂ 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 (F₁-F₄). 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 (F₁-F₄). Based on the analytical test results, the concentration of BTEX and/or PHCs F₁ and F₂ 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.

❑ 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 paring 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 paring 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.

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 or 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:

Table 3 Areas of Potential Environmental Concern					
APEC	Location of APEC	PCA (O. Reg. 153/04 – Table 2)	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC #1 Former Auto Service Garage	Western Portion of Subject Site	<i>“Item 52: Storage, Maintenance, Fuelling, and Repair of Equipment, Vehicles, and Material Used to Maintain Transportation Systems”</i>	On-Site	BTEX PHCs (F ₁ -F ₄)	Soil and/or Groundwater
APEC #2 Former Underground Fuel Storage Tank	Western Portion of Subject Site	<i>“Item 28: Gasoline and Associated Products Storage in Fixed Tanks”</i>	On-Site	BTEX PHCs (F ₁ -F ₄)	Soil and/or Groundwater
APEC #3 Fill Material of Unknown Quality	Southern and Eastern Portions of Subject Site	<i>“Item 30: Importation of Fill Material of Unknown Quality”</i>	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 (F ₁ -F ₄)	Soil and/or Groundwater
APEC #5 Former Auto Service Garage & Retail Fuel Outlet	Southeastern Portion of Subject Site	<i>“Item 28: Gasoline and Associated Products Storage in Fixed Tanks”</i>	20 m South	BTEX PHCs (F ₁ -F ₄)	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 F₁-F₄);
- 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 F₁-F₄);
- 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 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.

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.



Nick Sullivan, B.Sc.



Mark S. D'Arcy, P.Eng., QP_{ESA}



Report Distribution:

- 2828727 Ontario Inc.
- Paterson Group Inc.

10.0 REFERENCES

Federal Records

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

Provincial Records

- MECP: Freedom of Information and Privacy Office.
- 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

- 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

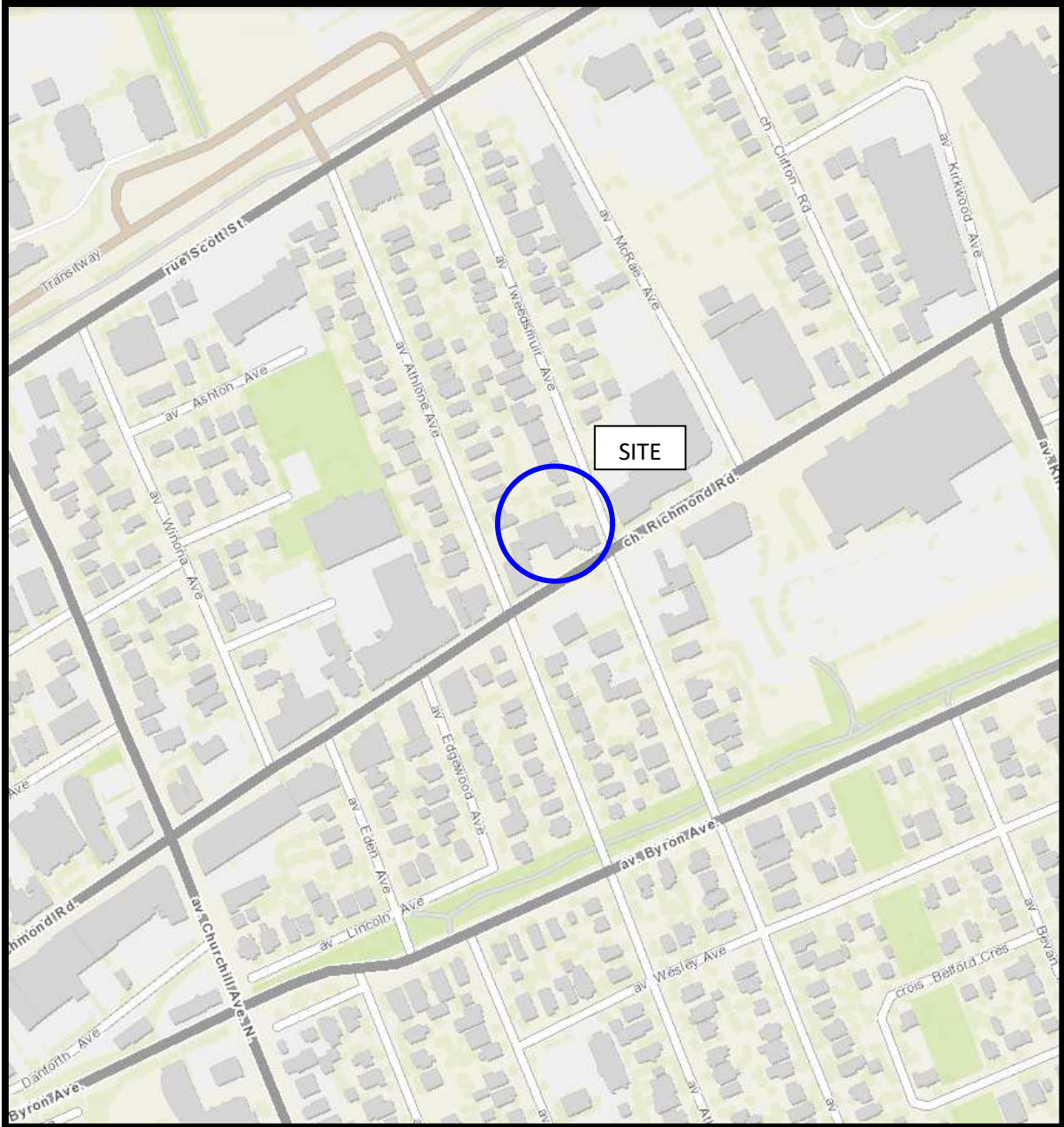


FIGURE 1
KEY PLAN

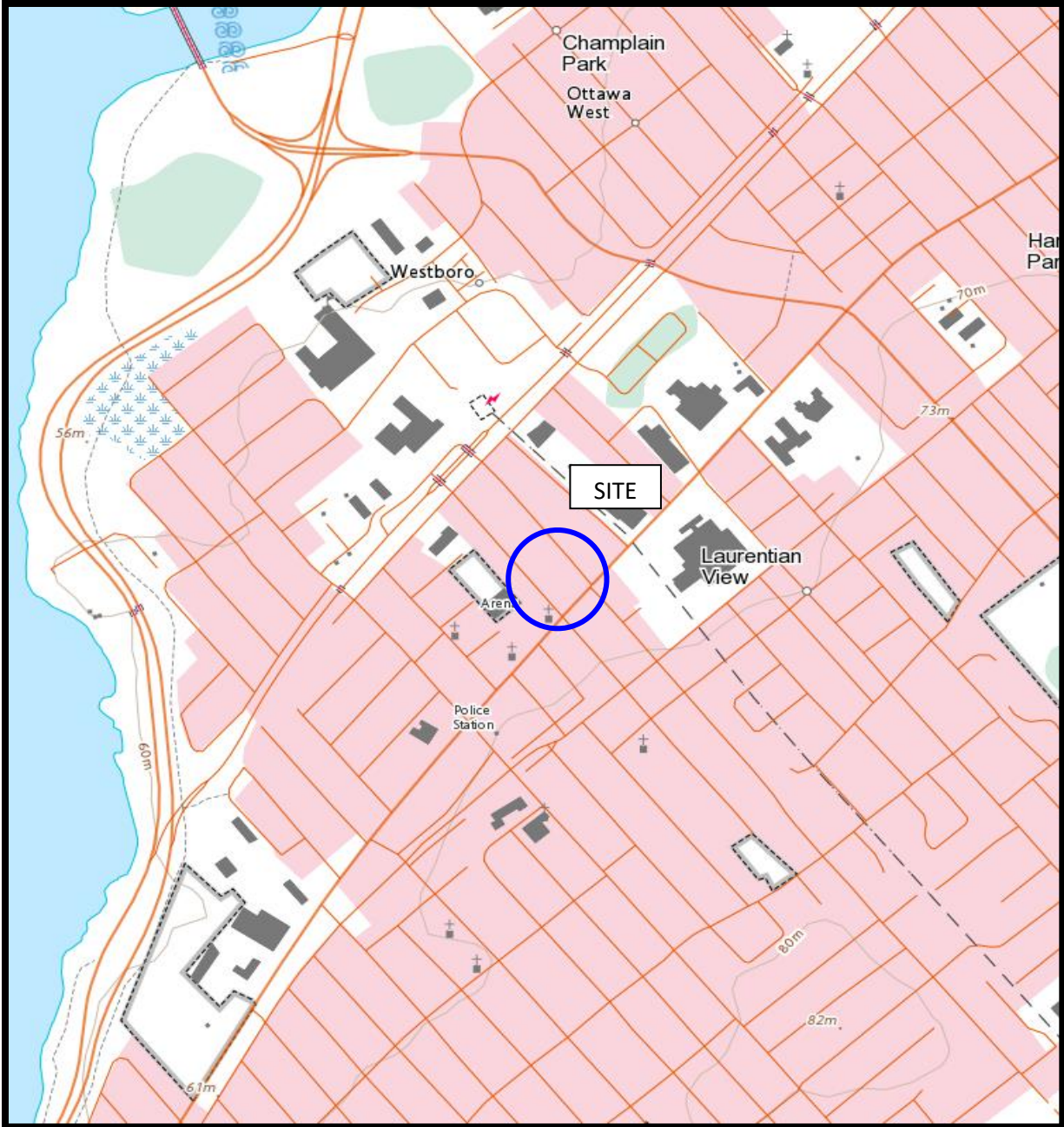
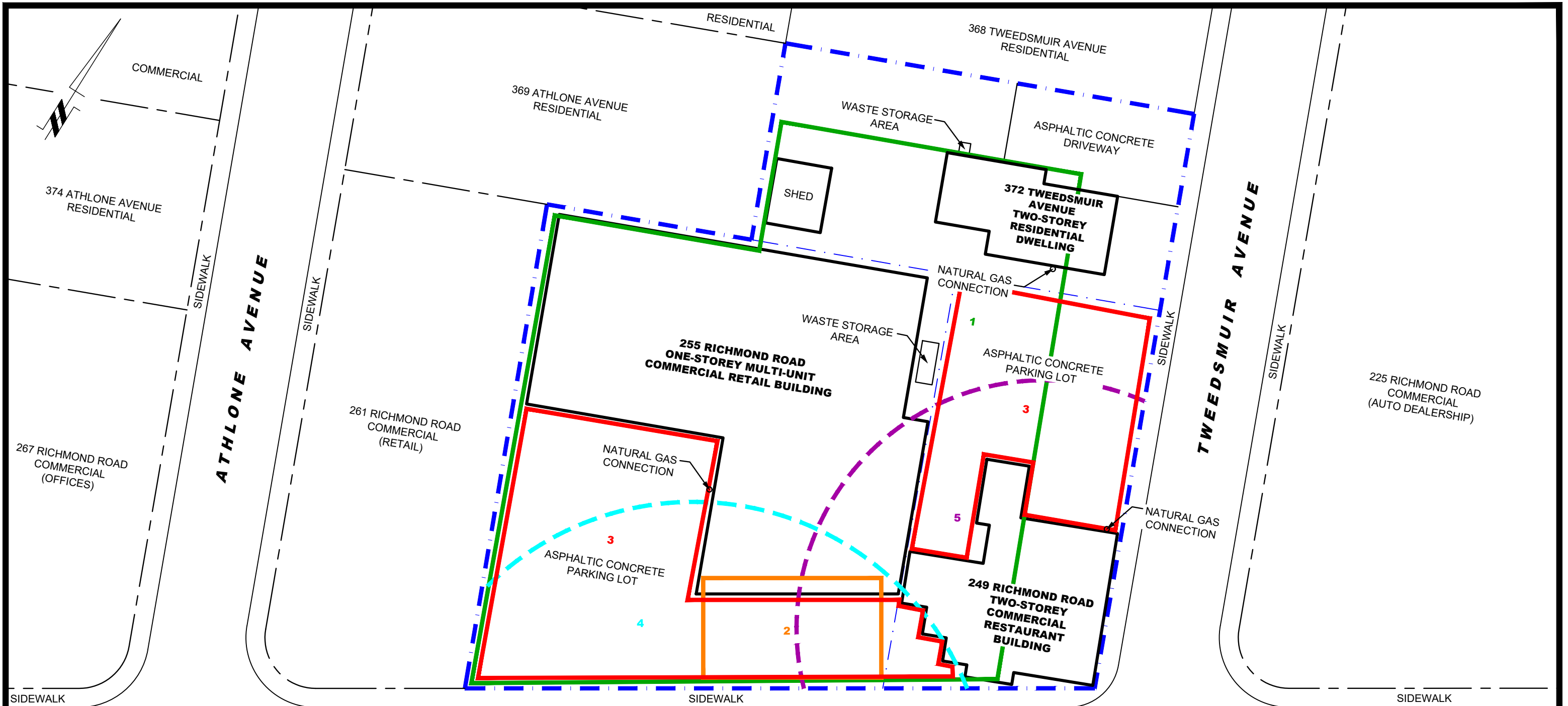
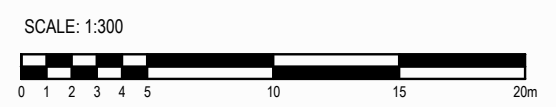


FIGURE 2
TOPOGRAPHIC MAP



- AREAS OF POTENTIAL ENVIRONMENTAL CONCERN:**
- 1) 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.



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NO.	REVISIONS	DATE	INITIAL

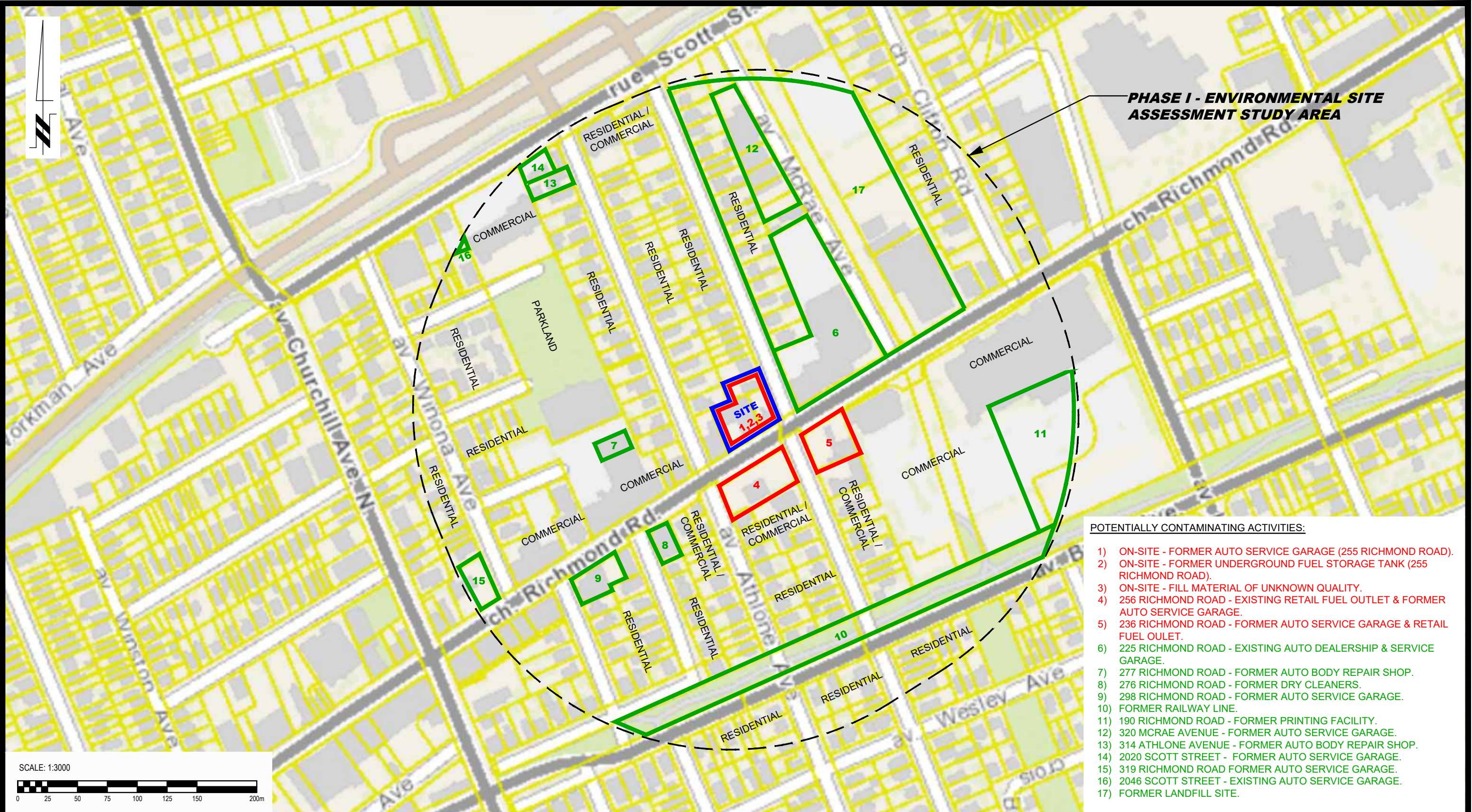
2828727 ONTARIO INC.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
249 & 255 RICHMOND ROAD & 372 TWEEDSMUIR AVENUE

OTTAWA, ONTARIO

Title: **SITE PLAN**

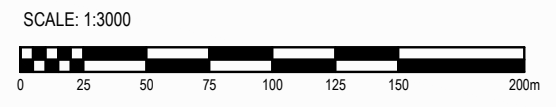
Scale:	1:300	Date:	07/2021
Drawn by:	JM	Report No.:	PE5365-1
Checked by:	NS	Dwg. No.:	PE5365-1
Approved by:	MSD	Revision No.:	



PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA

POTENTIALLY CONTAMINATING ACTIVITIES:

- 1) 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 OUTLET.
- 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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2828727 ONTARIO INC.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
249 & 255 RICHMOND ROAD & 372 TWEEDSMUIR AVENUE

OTTAWA, ONTARIO

Title: **SURROUNDING LAND USE PLAN**

Scale:	1:3000	Date:	07/2021
Drawn by:	JM	Report No.:	PE5365-1
Checked by:	NS	Dwg. No.:	PE5365-2
Approved by:	MSD	Revision No.:	

APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS



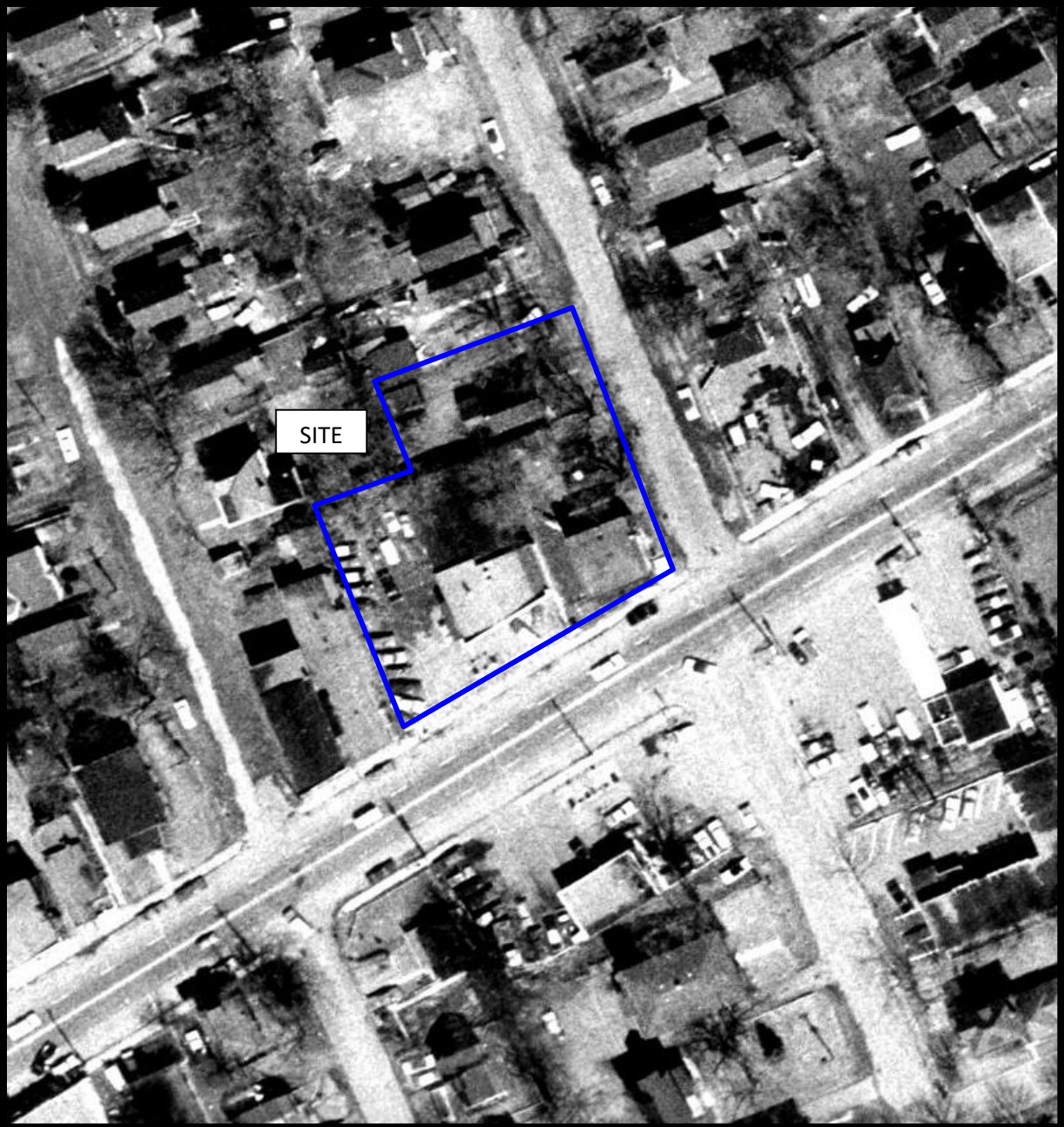
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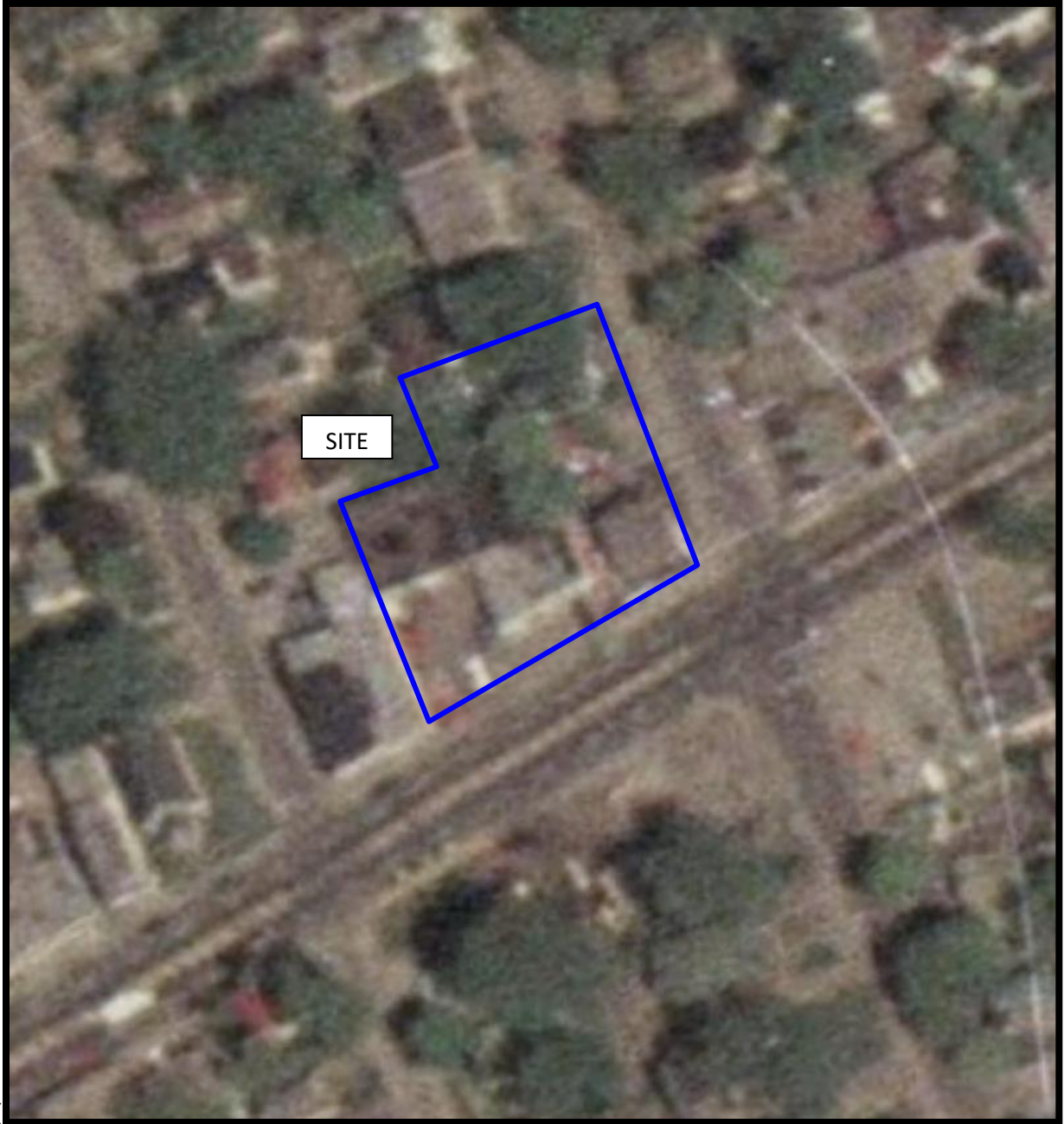
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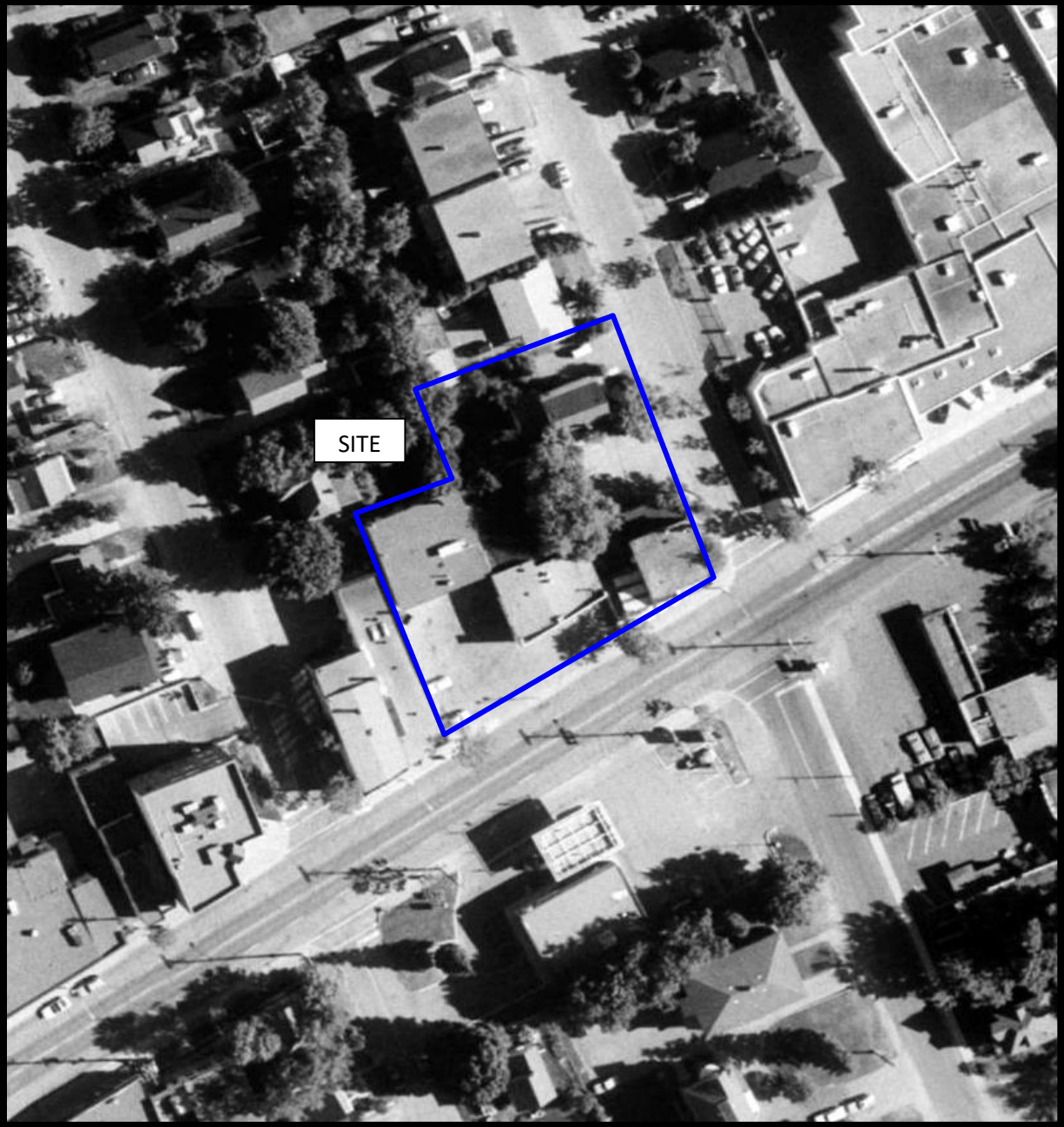
AERIAL PHOTOGRAPH
1958



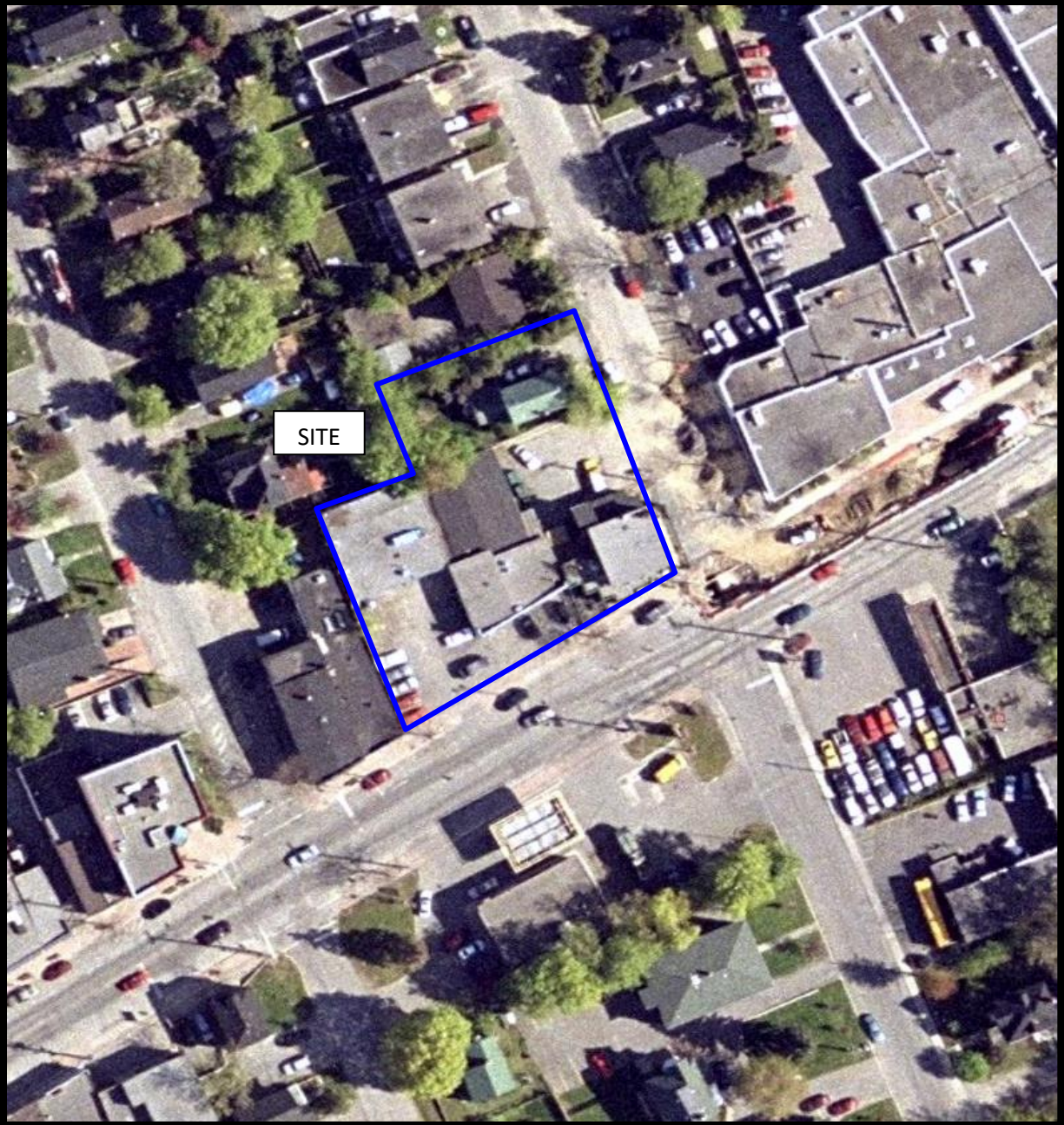
AERIAL PHOTOGRAPH
1965



AERIAL PHOTOGRAPH
1976



AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
2002



AERIAL PHOTOGRAPH
2011



AERIAL PHOTOGRAPH
2019

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.

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 from Tweedsmuir Avenue.

APPENDIX 2

MECP FREEDOM OF INFORMATION SEARCH REQUEST

MECP WATER WELL RECORDS

TSSA CORRESPONDENCE

CITY OF OTTAWA HLUI SEARCH REQUEST

ERIS DATABASE REPORT



Freedom of Information Request

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

Requester Data			For Ministry Use Only	
Name, Company Name, Mailing Address and Email Address of Requester Nick Sullivan Paterson Group Inc. 154 Colonnade Road Ottawa, ON K2E 7J5 Email address: nsullivan@patersongroup.ca			FOI Request No.	Date Request Received
Telephone/Fax Nos. Tel. 613-226-7381 Fax 613-226-6344			Fee Paid <input type="checkbox"/> ACCT <input type="checkbox"/> CHQ <input type="checkbox"/> VISA/MC <input type="checkbox"/> CASH	
Your Project/Reference No. PE5365	Signature/Print /Name of Requester Nick Sullivan		<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SWA	

Request Parameters
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions) 255 Richmond Road; Part of Lot 31, Concession 1 (Ottawa Front), Formerly the Township of Nepean, in the City of Ottawa, Ontario
Present Property Owner(s) and Date(s) of Ownership
Previous Property Owner(s) and Date(s) of Ownership
Present/Previous Tenant(s), (if applicable)

Search Parameters	Specify Year(s) Requested
<i>Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.</i>	
Environmental concerns (General correspondence, occurrence reports, abatement)	all
Orders	all
Spills	all
Investigations/prosecutions ➤ Owner AND tenant information must be provided	all
Waste Generator number/classes	all

Certificates of Approval ➤ Proponent information must be provided	
1985 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.	
	SD Specify Year(s) Requested
air - emissions	1986-present
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	1986-present
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	1986-present
waste water - industrial discharges	1986-present
waste sites - disposal, landfill sites, transfer stations, processing sites, incineratorsites	1986-present
waste systems - PCB destruction, mobile waste processing units, haulers: sewage, non-hazardous & hazardous waste	1986-present
pesticides - licenses	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.

UTM 118^Z 441131010^E
15^R 51026725^N
 Elev. 4^R 02215
 Basin 25



15 No 8932

GROUND WATER BRANCH
 AUG - 5 1958
 ONTARIO WATER RESOURCES COMMISSION

The Water-well Drillers Act, 1954
 Department of Mines

Water-Well Record

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

Pipe and Casing Record

Pumping Test

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

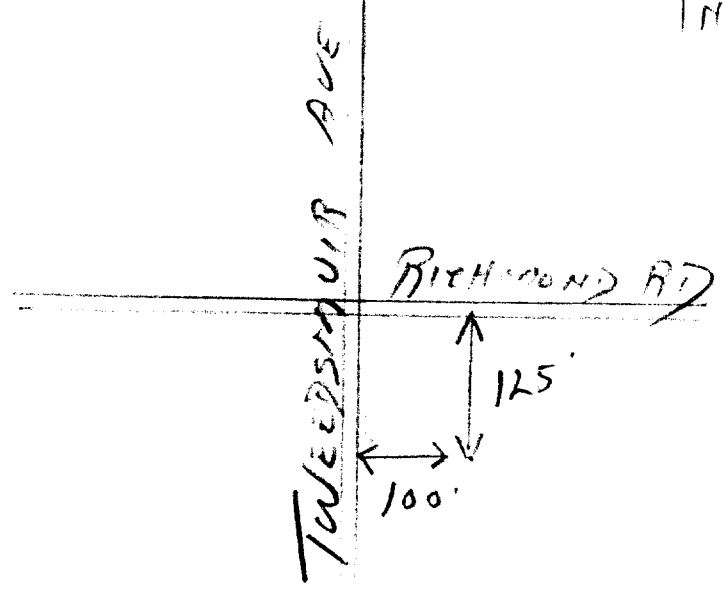
Well Log

Water Record

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

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

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



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

TWEEDSMUIR AVE

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

11

1532963

Municipality Con.

ISS02

475 Richmond Rd

County or District Ottawa - Chateaufort		Township/Borough/City/Town/Village City of Ottawa		Con block tract survey, etc. Lot	
Address Ottawa, Ont			Date completed 21 06 02		
Northing		RC		Elevation	
RC		Basin Code		ii	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

General colour	Most common material	Other materials	General description	Depth - feet	
				From	To
	Sand & gravel			0	4
grey	limestone			4	51

31 _____

32 _____

41 WATER RECORD

Water found at - feet	Kind of water
10-13	1 <input checked="" type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas
15-18	1 <input checked="" type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas
20-23	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas
25-28	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas
30-33	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
6 1/4	1 <input checked="" type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic	188	0	6
8 3/4	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic		0	4
6	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input checked="" type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic		4	51

SCREEN

Sizes of opening (Slot No.)	Diameter inches	Length feet
Material and type	Depth at top of screen feet	

61 PLUGGING & SEALING RECORD

<input type="checkbox"/> Annular space		<input type="checkbox"/> Abandonment
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)
From	To	
10-13	14-17	
18-21	22-25	
26-29	30-33	

71 PUMPING TEST

Pumping test method 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer	Pumping rate 113 GPM	Duration of pumping 1 Hours 17-18 Mins
Static level 13 feet	Water level end of pumping 22-24 feet	Water levels during 1 <input type="checkbox"/> Pumping 2 <input checked="" type="checkbox"/> Recovery
	15 minutes 45 feet	30 minutes 39 feet
	45 minutes 33 feet	60 minutes 31 feet
If flowing give rate GPM	Pump intake set at feet	Water at end of test <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy
Recommended pump type <input type="checkbox"/> Shallow <input type="checkbox"/> Deep	Recommended pump setting feet	Recommended pump rate 113 GPM

LOCATION OF WELL

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

475 Richmond Rd.

126'

237915

FINAL STATUS OF WELL

1 <input checked="" type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished
2 <input type="checkbox"/> Observation well	6 <input type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well
3 <input checked="" type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)	
4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering	

WATER USE

1 <input checked="" type="checkbox"/> Domestic	5 <input type="checkbox"/> Commercial	9 <input checked="" type="checkbox"/> Not use
2 <input type="checkbox"/> Stock	6 <input type="checkbox"/> Municipal	10 <input type="checkbox"/> Other
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply	
4 <input type="checkbox"/> Industrial	8 <input type="checkbox"/> Cooling & air conditioning	

METHOD OF CONSTRUCTION

1 <input type="checkbox"/> Cable tool	5 <input checked="" type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving
2 <input type="checkbox"/> Rotary (conventional)	6 <input type="checkbox"/> Boring	10 <input type="checkbox"/> Digging
3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other
4 <input type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting	

Name of Well Contractor Air-Rock Drilling Co Ltd	Well Contractor's Licence No. 1119
Address KR 22 Sussex St	
Name of Well Technician Shannon Purcell	Well Technician's Licence No. TD122
Signature of Technician/Contractor	Submission date 10 07 02

MINISTRY USE ONLY

Data source	Contractor 1119	Date received JUL 29 2002
Date of inspection	Inspector	
Remarks CSS.ES2		

Instructions for Completing Form

- For use in the Province of Ontario only. This document is a permanent legal document. Please retain for future reference.
- All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.
- Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.
- All metre measurements shall be reported to 1/10th of a metre.
- Please print clearly in blue or black ink only.

Well Owner's Information and Location of Well Information

First Name Domicile Developments Inc.		Last Name		Mailing Address (Street Number/Name, RR, Lot, Concession) 371A Richmond Road			
County/District/Municipality		Township/City/Town/Village Ottawa		Province Ontario	Postal Code K2A 0E7	Telephone Number (include area code) 613-728-0388	
Address of Well Location (County/District/Municipality) Ottawa				Township		Lot 57	Concession Reg. Plan 58+59 263
RR#/Street Number/Name 309 Athlone Avenue				City/Town/Village Ottawa		Site/Compartment/Block/Tract etc.	
GPS Reading	NAD 83	Zone 18	Easting 441130	Northing 5027223	Unit Make/Model Garmin GPS map 76	Mode of Operation: <input type="checkbox"/> Undifferentiated <input type="checkbox"/> Averaged <input type="checkbox"/> Differentiated, specify	

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth	
				From	To
	Asphalt concrete		Typical Monitoring Well Installation (5 wells as a cluster)	0	0.10
DK Brown	Silty sand	Gravel		0.10	1.27
Brown	Sandy silt			1.27	1.52
Grey	Limestone	shale layers		1.52	4.70

Hole Diameter			Construction Record				Test of Well Yield					
Depth From	Metres To	Diameter Centimetres	Inside diam centimetres	Material	Wall thickness centimetres	Depth From	Metres To	Pumping test method	Draw Down Time min	Water Level Metres	Recovery Time min	Water Level Metres
0	4.70	20	50 mm	<input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized	Schedule 40	0.9	1.25	Pump intake set at - (metres)	1		1	
Water Record			Screen				Test of Well Yield					
Water found at Metres	Kind of Water		Outside diam	<input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized	Slot No.	1.25	4.70	Pumping rate - (litres/min)	2		2	
			58 mm	No Casing or Screen			Test of Well Yield					
			<input type="checkbox"/> Open hole				Test of Well Yield					

Plugging and Sealing Record			<input checked="" type="checkbox"/> Annular space	<input type="checkbox"/> Abandonment
Depth set at - Metres From	To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)	
0.9	1.25	Bentonite. 20 K.G.	20 K.G.	

Location of Well	
In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.	
Please see site plan (attached)	

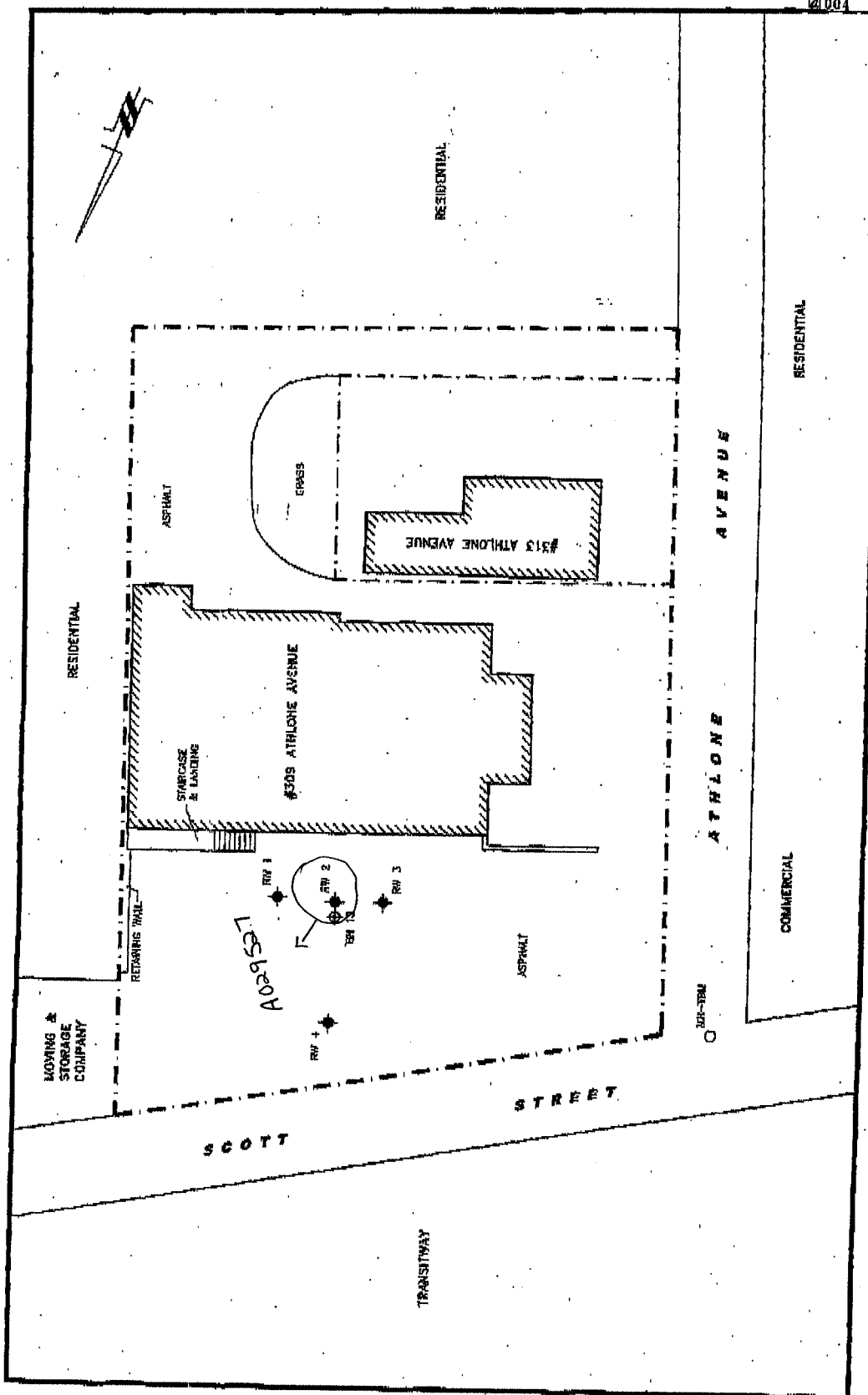
Method of Construction			
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Rotary (air)	<input type="checkbox"/> Diamond	<input type="checkbox"/> Digging
<input type="checkbox"/> Rotary (conventional)	<input checked="" type="checkbox"/> Air percussion	<input type="checkbox"/> Jetting	<input type="checkbox"/> Other
<input type="checkbox"/> Rotary (reverse)	<input type="checkbox"/> Boring	<input type="checkbox"/> Driving	
Water Use			
<input type="checkbox"/> Domestic	<input type="checkbox"/> Industrial	<input type="checkbox"/> Public Supply	<input checked="" type="checkbox"/> Other SAMPLE
<input type="checkbox"/> Stock	<input type="checkbox"/> Commercial	<input type="checkbox"/> Not used	
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Municipal	<input type="checkbox"/> Cooling & air conditioning	
Final Status of Well			
<input type="checkbox"/> Water Supply	<input type="checkbox"/> Recharge well	<input type="checkbox"/> Unfinished	<input type="checkbox"/> Abandoned, (Other)
<input checked="" type="checkbox"/> Observation well	<input type="checkbox"/> Abandoned, insufficient supply	<input type="checkbox"/> Dewatering	
<input type="checkbox"/> Test Hole	<input type="checkbox"/> Abandoned, poor quality	<input type="checkbox"/> Replacement well	

Audit No. z 31645	Date Well Completed 2005 08 25
Was the well owner's information package delivered? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Date Delivered

Well Contractor/Technician Information	
Name of Well Contractor George Downing Estate Dulling Ltd	Well Contractor's Licence No. 1844
Business Address (street name, number, city etc.) 410 Main St. Grenville-Sur-la-Rouge, Qc J0V1B0	
Name of Well Technician (last name, first name) Downing, Bruce	Well Technician's Licence No. T2173
Signature of Technician/Contractor <i>Bruce Downing</i>	Date Submitted 2005 07 20

Ministry Use Only	
Data Source	Contractor 1844
Date Received OCT 12 2005	Date of Inspection
Remarks	Well Record Number

004



OCT 12 2005

231645

1844

Master Well Owner's and Land Owner's Information

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

Location and Construction of the Master Well in the Cluster

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

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

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

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

Hole Details

Depth (Metres) From	Depth (Metres) To	Diameter (Centimetres)
0	4.57	20
4.57	7.5	10

Water Use

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

Method of Construction

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

Status of Well

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

No Casing and Screen Used Yes No
 Static Water Level Test: 6.77 Metres

Screen

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

Water Details

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

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

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

Total Wells in Cluster: 2
 Total Wells on this Property: unknown
 Please indicate Number of Cluster Well Information Log Sheets Submitted: 1

Location of Well Cluster

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

Consent to release additional information concerning the cluster to the Director upon request
 Signature of Technician/Contractor: [blank] Date (yyyy/mm/dd): [blank]

Construction Details

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

Annular Space/Abandonment Sealing Record

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

Well Contractor and Well Technician Information

Business Name of Well Contractor: George Downing Estate Drilling Ltd
 Well Contractor's Licence No.: 1844
 Business Address (Street No./Name, number, RR): 410 Rue Principale Grenville-sur-la-Rouge
 Municipality: [blank]
 Province: QC
 Postal Code: J0V 1B0
 Business E-mail Address: downing@xplonet.com
 Bus. Telephone No. (inc. area code): 819 242 6469
 Name of Well Technician (Last Name, First Name): Downing, Bruce
 Well Technician's Licence No.: 173
 Signature of Technician: [Signature]
 Date Submitted (yyyy/mm/dd): 2008/16/29

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

Property Owner's Information

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

Cluster Well Information

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

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

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

Well Contractor and Well Technician Information



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

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

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



LEGEND

- 
MW3 MONITORING WELL LOCATION AND NUMBER
- 
BH2 BOREHOLE LOCATION AND NUMBER


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

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

C-1844 m02900 C01995

NOV 24 2008

Measurements recorded in: Metric Imperial

A 085405

A085405

Page 1 of 3

Address of Well Location (Street Number/Name): Tweedsmuir North of Richmond Rd
 Township: Ottawa
 Lot:
 Concession:
 County/District/Municipality:
 City/Town/Village: Ottawa
 Province: Ontario
 Postal Code:
 UTM Coordinates: Zone Easting Northing
 NAD 83 18441 2995026953
 Municipal Plan and Sublot Number:
 Other:
Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

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

Annular Space

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
0' 05'	cement	
05' 12'	Bentinite	
12' 23'	Sand	

Results of Well Yield Testing

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

Method of Construction

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
1.25"	Plastic	0.25"	0'	13'	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify <input type="checkbox"/> Other, specify

Construction Record - Screen

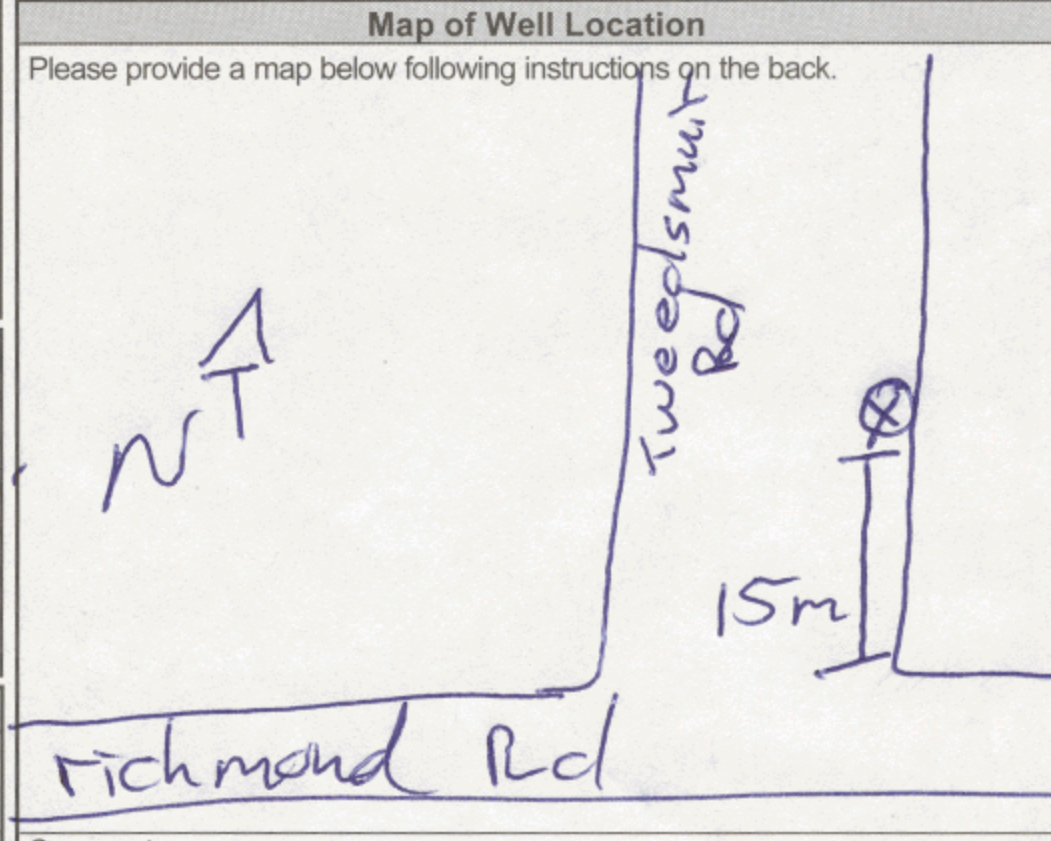
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)		Status of Well
			From	To	
1.5"	Plastic	10	13'	23'	<input type="checkbox"/> Other, specify

Water Details

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

Well Contractor and Well Technician Information

Business Name of Well Contractor: Strata Soil Sampling
 Well Contractor's Licence No.: 7241
 Business Address (Street Number/Name): 2-147 West Beaver Creek
 Municipality: Richmond Hill
 Province: ON
 Postal Code: L4B1C6
 Business E-mail Address: wrecords@stratasoil.com
 Bus. Telephone No. (inc. area code): 905-764-9304
 Name of Well Technician (Last Name, First Name): Mait, Mike
 Well Technician's Licence No.: 3448
 Signature of Technician and/or Contractor: *Mike Mait*
 Date Submitted: 2009/11/15



Comments: *Richmond Rd*

Well owner's information package delivered: Yes No

Date Package Delivered: 2009/1/05

Date Work Completed: 2009/1/05

Ministry Use Only

Audit No.: **2106621**

Received: **DEC 21 2009**

Measurements recorded in: Metric Imperial

A 092322 A092322

Regulation 903 Ontario Water Resources Act
Page 2 of 3

Address of Well Location (Street Number/Name) **Tweedsmuir North of Richmond Rd** Township _____ Lot _____ Concession _____
 County/District/Municipality _____ City/Town/Village **Ottawa** Province **Ontario** Postal Code _____
 UTM Coordinates Zone Easting Northing Municipal Plan and Sublot Number Other
 NAD 83 **18 44 130 150 26945**

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

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

Annular Space

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
0' 0.5'	cement	
0.5' 9'	Benbrite	
9' 20'	sand	

Results of Well Yield Testing

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

Method of Construction

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

Construction Record - Casing

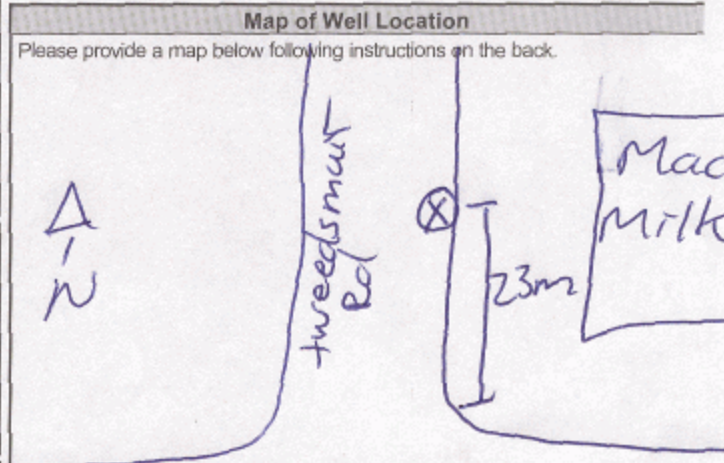
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
1.25"	Plastic	0.25"	0'	10'	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
1.5"	Plastic	10	10'	20'

Water Details

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Depth (m/ft)	Diameter (cm/in)
0'		20'	3.25"

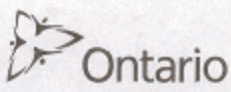


Well Contractor and Well Technician Information

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

Comments: _____

Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered: Y Y Y Y M M D D Date Work Completed: 2009/11/05	Ministry Use Only Audit No. 2106622 DEC 21 2009 Received
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Measurements recorded in: Metric Imperial

A 092413

A092413

6859

Page 3 of 3

Address of Well Location (Street Number/Name) Tweedsmuir R ~~North~~ Richmond Rd Ottawa Township Ottawa Lot _____ Concession _____

County/District/Municipality North City/Town/Village Ottawa Province Ontario Postal Code _____

UTM Coordinates Zone 18 Easting 441308 Northing 5026953 Municipal Plan and Sublot Number _____ Other _____

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

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

Annular Space		
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
0' 0.5'	Cement	
0.5' 11'	Bentonite	
11' 22'	Sand	

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

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

Construction Record - Casing			Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)	
			From	To
1.25"	Plastic	0.25"	0'	7'12"

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

Water Details		Hole Diameter	
Water found at Depth (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	Depth (m/ft) From To	Diameter (cm/in)
Water found at Depth (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	0' 22'	3.25"
Water found at Depth (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested		

Well Contractor and Well Technician Information

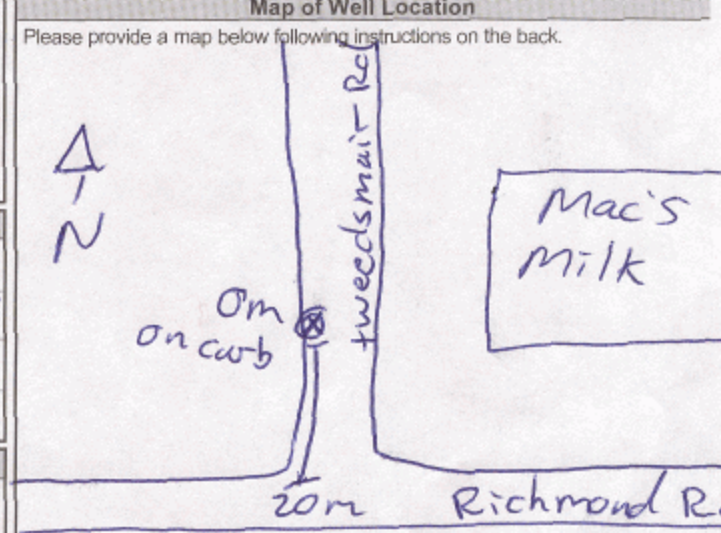
Business Name of Well Contractor Strata Soil Sampling Well Contractor's Licence No. 7241

Business Address (Street Number/Name) 2-147 West Beaver Creek Dr Richmond Hill Municipality _____

Province ON Postal Code L4B1C6 Business E-mail Address wrecords@stratasoil.com

Bus. Telephone No. (inc. area code) 9057649304 Name of Well Technician (Last Name, First Name) Muir, Mike

Well Technician's Licence No. 3448 Signature of Technician and/or Contractor _____ Date Submitted 2009/11/15



Comments:

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

Ontario is now in Step 2 of the [Roadmap to Reopen \(/page/reopening-ontario\)](/page/reopening-ontario). Follow the [restrictions and public health measures \(https://covid-19.ontario.ca/public-health-measures\)](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 [Open Data catalogue \(https://data.ontario.ca/dataset/well-records\)](https://data.ontario.ca/dataset/well-records).

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

Well ID

Well ID Number: 7295741

Well Audit Number: Z206434

Well Tag Number: A182735

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

Well Location

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	3.35 ft
BLCK	CLAY	SILT	SOFT	3.35 ft	4.57 ft
GREY	LMSN		LYRD	4.57 ft	7.62 ft

Annular Space/Abandonment Sealing Record

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

Method of Construction & Well Use

Method of Construction**Well Use**

Air Percussion

Test Hole

Status of Well

Monitoring and Test Hole

Construction Record - Casing

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

Construction Record - Screen

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

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing**After test of well yield, water was****If pumping discontinued, give reason****Pump intake set at**

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

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>)

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Measurements recorded in: Metric Imperial

A182637

Tag #: A182637

S-20982 Page of

Well Owner's Information

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

Well Location

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

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

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Includes handwritten entries for soil, sand, gravel, shale, and layered rock.

Annular Space table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³). Includes handwritten data for sealant at different depths.

Results of Well Yield Testing table with columns: Draw Down (Time, Water Level), Recovery (Time, Water Level). Includes handwritten data for pumping rate, duration, and water levels.

Method of Construction and Well Use checkboxes. Includes options like Cable Tool, Rotary, Boring, Air percussion, and various well uses like Public, Commercial, Domestic, etc.

Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To. Includes handwritten data for PVC casing.

Construction Record - Screen table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To. Includes handwritten data for PVC screen.

Water Details and Hole Diameter table. Includes columns for Water found at Depth, Kind of Water, and Hole Diameter (Depth, Diameter). Includes handwritten data for water quality and hole dimensions.

Well Contractor and Well Technician Information form. Includes Business Name of Well Contractor, Well Contractor's Licence No., Business Address, Municipality, Province, Postal Code, Business E-mail Address, Bus. Telephone No., Name of Well Technician, Well Technician's Licence No., Signature of Technician and/or Contractor, Date Submitted.

Map of Well Location section. Includes a hand-drawn map of the well location on Richmond Road, with a north arrow and dimensions (25m, 1m). Includes a 'Comments' field with 'Richmond Road' written.

Ministry Use Only section. Includes Audit No. (206457), Date Package Delivered, Date Work Completed, and Received date (DEC 05 2017).



Measurements recorded in: Metric Imperial

A182638

Tag#: A182638

S-20182 Page ___ of ___

Well Owner's Information

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

Well Location

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

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

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

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

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

Method of Construction, Well Use

Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To, Status of Well

Construction Record - Screen table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To, Status of Well

Water Details, Hole Diameter tables

Well Contractor and Well Technician Information

Map of Well Location, Comments, Ministry Use Only



Measurements recorded in: Metric Imperial

2182639

Tag#: A182639

3-201982

Page _____ of _____

Well Owner's Information

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

Well Location

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

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

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Rows include asphalt, gravel, sand, shale, limestone.

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

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

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

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

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

Well Contractor and Well Technician Information. Includes Business Name of Well Contractor (Strata Drilling Group), Well Contractor's Licence No. (7121911), Business Address (165 Shales Court), Municipality (Markham), Province (ON), Postal Code (L3R 9V8), Business E-mail Address (wrecord@stratasoil.com), Bus. Telephone No. (905 940 1919), Name of Well Technician (M. Jay, JAMES), Well Technician's Licence No. (1316516), Signature of Technician and/or Contractor, Date Submitted (24/11/2012).

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

Map of Well Location. Includes instructions: 'Please provide a map below following instructions on the back.' and a hand-drawn map showing a well location on Richmond Road, marked with '255' and '15m'.

Ministry Use Only section. Includes Audit No. (206459), Date Package Delivered (7/2/11), Date Work Completed (20/11/2016), and date DEC 05 2017.



Measurements recorded in: Metric Imperial

A182631 Tag#: A182631

5-20982 Page ____ of ____

Well Owner's Information

First Name, Last Name / Organization (255 Richmond Road Holdings), E-mail Address, Mailing Address (255 Richmond Road), Municipality (Ottawa), Province (ON), Postal Code, Telephone No.

Well Location

Address of Well Location (355 Richmond Road), Township, Lot, Concession, County/District/Municipality, City/Town/Village, Province (Ontario), Postal Code, UTM Coordinates, Zone, Easting, Northing, Municipal Plan and Sublot Number, Other

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

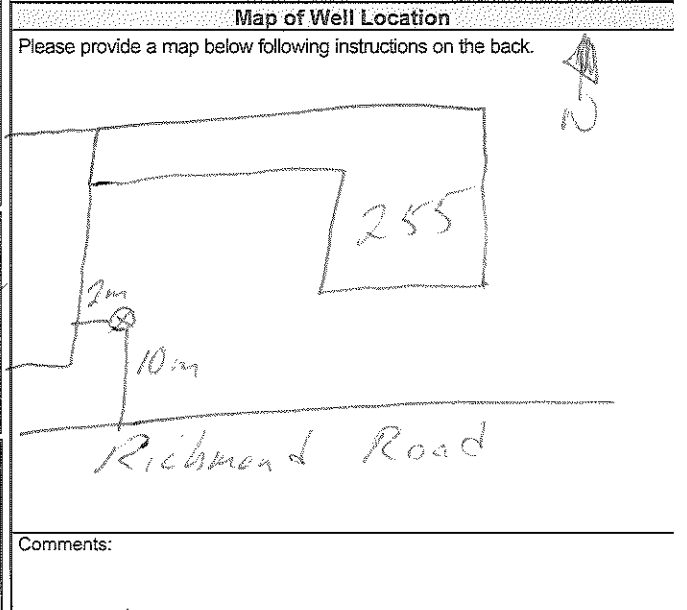
Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Rows include asphalt, sand, silt, gravel, clay, dense silt.

Annular Space table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used, Volume Placed (m³/ft³). Rows include concrete, bentonite, R-100 sand.

Results of Well Yield Testing table with columns: Draw Down (Time, Water Level), Recovery (Time, Water Level). Includes pumping rate, duration, and final water level.

Method of Construction and Well Use checkboxes. Includes Cable Tool, Rotary, Boring, Air percussion, Public, Commercial, etc.

Construction Record - Casing and Screen tables. Casing: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth. Screen: Outside Diameter, Material, Slot No., Depth.



Water Details and Hole Diameter tables. Water Details: Water found at Depth, Kind of Water. Hole Diameter: Depth, Diameter.

Well Contractor and Well Technician Information. Includes Business Name (Spirata Drilling Group), Well Contractor's Licence No., Business Address (165 Shickler Court), Municipality (Markham), Province (ON), Postal Code, Business E-mail Address, Bus. Telephone No., Name of Well Technician (James), Well Technician's Licence No., Signature, Date Submitted.

Ministry Use Only. Includes Well owner's information package delivered (Yes/No), Date Package Delivered, Date Work Completed, Audit No. (2206460), Received (DEC 05 2017).

Measurements recorded in: Metric Imperial

Address of Well Location (Street Number/Name) 255 Richmond Rd Township _____ Lot _____ Concession _____
 County/District/Municipality _____ City/Town/Village Ottawa Province Ontario Postal Code _____
 UTM Coordinates Zone Easting Northing Municipal Plan and Sublot Number Other
 NAD | 8 | 3 | 18 | 44 | 125 | 25026989

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
GRY	Concrete	Gravel	hard packed	0	1
BRN	Sand	Gravel	(fill) soft, loose	1	9
GRY	Limestone		hard	9	25

Annular Space

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0 - 1	Concrete / Flushmount	
1 - 14	bentonite seal	
14 - 25	Filter Sand	

Method of Construction

Cable Tool Diamond
 Rotary (Conventional) Jetting
 Rotary (Reverse) Driving
 Boring Digging
 Air percussion
 Other, specify direct push

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
130	PVC	.14	0	15	<input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Replacement Well <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
116	PVC	10	15	25

Water Details

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	Hole Diameter	
		Depth (m/ft)	Diameter (cm/in)
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	From To	
		0 9	2.875
		9 25	2.375

Well Contractor and Well Technician Information

Business Name of Well Contractor Stouta Drilling Group Well Contractor's Licence No. 72241
 Business Address (Street Number/Name) 165 Shields Court Municipality Markham
 Province ON Postal Code L3R8V2 Business E-mail Address wrecords@stoutadri.com
 Bus. Telephone No. (inc. area code) 9059407911 Name of Well Technician (Last Name, First Name) Beatty Brian
 Well Technician's Licence No. 3626 Signature of Technician and/or Contractor [Signature] Date Submitted 2017/10/24

Results of Well Yield Testing

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

If pumping discontinued, give reason: _____

Pump intake set at (m/ft) _____

Pumping rate (l/min / GPM) _____

Duration of pumping _____ hrs + _____ min

Final water level end of pumping (m/ft) _____

If flowing give rate (l/min / GPM) _____

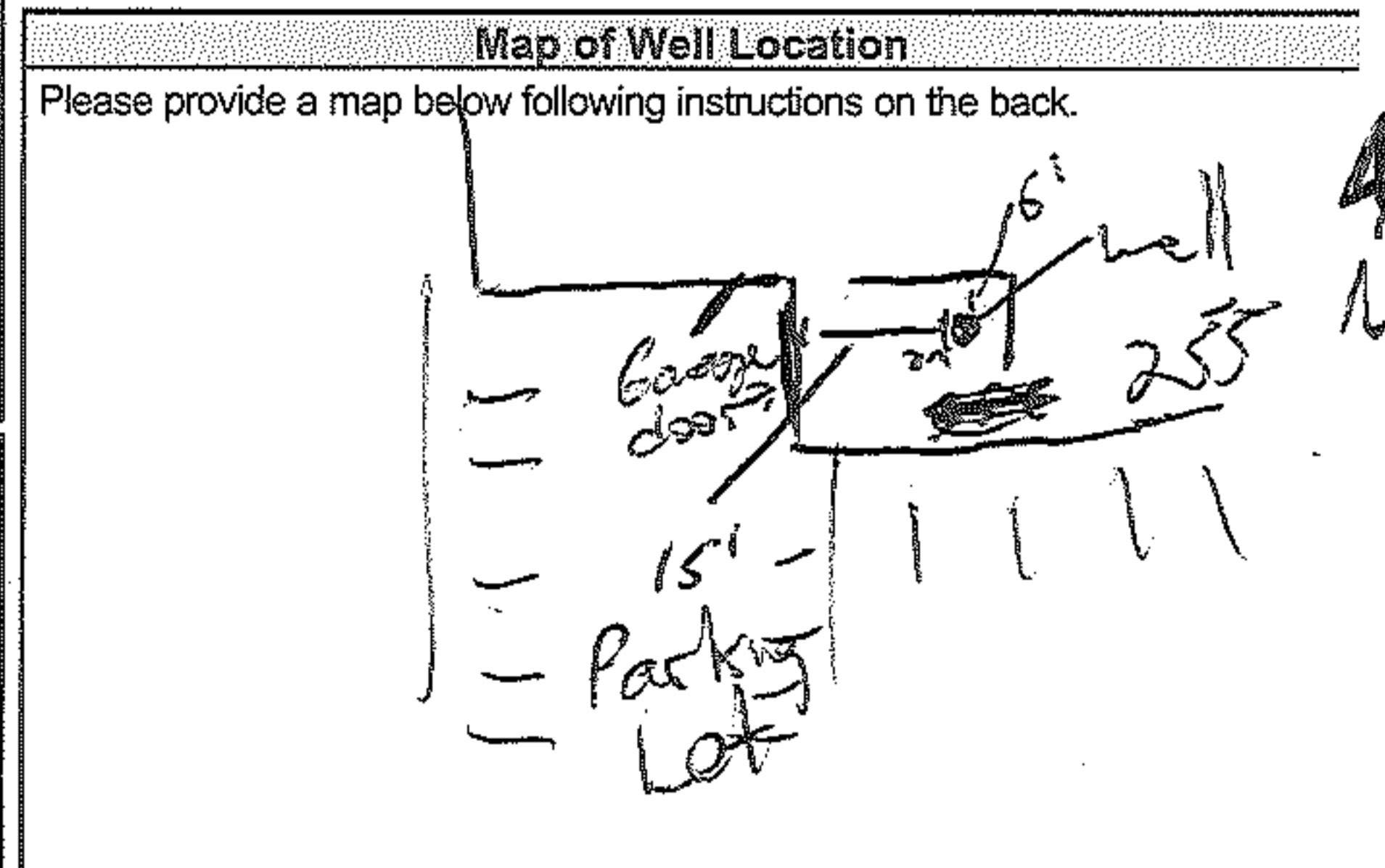
Recommended pump depth (m/ft) _____

Recommended pump rate (l/min / GPM) _____

Well production (l/min / GPM) _____

Disinfected? Yes No

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



Comments: Richard Rd
Exp General Contractors

Well owner's information package delivered Yes No

Date Package Delivered 2017/10/24

Date Work Completed _____

Ministry Use Only

Audit No. 2238059

DEC 05 2017

Received _____

A199203

Measurements recorded in: Metric Imperial

Page 1 of 1

Address of Well Location (Street Number/Name) 255 Richmond Rd		Township	Lot	Concession
County/District/Municipality		City/Town/Village Ottawa	Province Ontario	Postal Code
UTM Coordinates	Zone Easting	Northing	Municipal Plan and Sublot Number	
NAD	83134412515026995		Other	

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
GRY	Concrete		hard	0	0.31
BRN	Silt	Sand	Dense	0.31	2.0
BRN	Cobble	Concrete	hard	2.0	4.5
GRY	Limestone		hard	4.5	7.9

Annular Space			Results of Well Yield Testing			
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)	Draw Down		Recovery	
From	To		Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
0	0.31 Concrete / Flushment					
0.31	4.49 Bentonite					
4.49	7.9 Sand					

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

Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		
			From	To	
345	PVC	356	0		<input checked="" type="checkbox"/> Test Hole

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

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Depth (m/ft)	Diameter (cm/in)
		From	To
		0	2.17 8.25
		2.17	7.9 5.5

Well Contractor and Well Technician Information			
Business Name of Well Contractor Strata Drilling Group		Well Contractor's Licence No. 72241	
Business Address (Street Number/Name) 165 Shields CRT		Municipality Markham	
Province ON	Postal Code L3R 8V2	Business E-mail Address wrecords@stratasoil.com	

Bus. Telephone No. (inc. area code) 905 407 919	Name of Well Technician (Last Name, First Name) Bethy Brian		
Well Technician's Licence No. 3616	Signature of Technician and/or Contractor <i>[Signature]</i>	Date Submitted 2017 10 27	

Map of Well Location			
Please provide a map below following instructions on the back.			
Richmond Rd			
Comments: <i>[Signature]</i>			

Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered Y Y Y Y M M D D 2017 10 27	Ministry Use Only	
	Date Work Completed Y Y Y Y M M D D 2017 10 27	Audit No. 2238087	Received DEC 05 2017

Nick Sullivan

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: July 7, 2021 12:01 PM
To: 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	CITY	PROVINCE	POSTAL CODE	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 <https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?mid=392> and email the completed form to publicinformationsservices@tssa.org along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

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

Kind regards,

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: publicinformationsservices@tssa.org

www.tssa.org



From: Nick Sullivan <nsullivan@Patersongroup.ca>
Sent: July 7, 2021 11:57 AM
To: Public Information Services <publicinformationservices@tssa.org>
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 Ottawa, Ontario:

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

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Office Use Only

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



Historic Land Use Inventory

Application Form

Notice of Public Record

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

Municipal Freedom of Information and Protection Act

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

Background Information

*Site Address or Location:

*Mandatory Field

Applicant/Agent Information:

Name:

Mailing Address:

Telephone: Email Address:

Registered Property Owner Information:

Same as above

Name:

Mailing Address:

Telephone: Email Address:

Site Details

Legal Description and PIN:

Part of Lot 31, Concession 1 (Ottawa Front), Formerly the Township of Nepean, in the City of Ottawa

What is the land currently used for?

Site is currently occupied with multi-unit commercial retail building.

Lot frontage: m Lot depth: m Lot area: _____ m²

OR Lot area: (irregular lot) m²

Does the site have Full Municipal Services: Yes No

Required Fees

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

Planning Fee

\$128.00

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:

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

Signed: 

Dated (dd/mm/yyyy): 14/07/2021

Per: Nick Sullivan

(Please print name)

Title: Environmental Engineer

Company: Paterson Group Inc.

July 14, 2021
File: PE5365-HLUI

City of Ottawa
110 Laurier Avenue West
Ottawa, Ontario
K1P 1J1

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

141 Dufferin Road South
Ottawa, Ontario
Canada K2E 7J6
Tel: (613) 226-7381
Fax: (613) 226-6344

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science

www.patersongroup.ca


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: 2828 727 Ontario inc

Name of Representative Math Maxson

Authorization of Representative 

Date July 14/21



DATABASE REPORT

Project Property: *Phase I ESA
255 Richmond Road
Ottawa ON K1Z 6X1
PE5365*

Project No: *PE5365*

Report Type: *Standard Report*

Order No: *21070600514*

Requested by: *Paterson Group Inc.*

Date Completed: *July 9, 2021*

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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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: *21070600514*
Date Requested: *July 6, 2021*
Requested by: *Paterson Group Inc.*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

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

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

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

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

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

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
19	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	89
19	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	90
19	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	90
19	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	90
19	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	91
19	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	91
19	INC	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD,AT TWEEDSMUIR AVE,OTTAWA,ON,K1Z 6W9,CA ON	SSE/62.1	1.09	92
19	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	93
19	EXP	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	93
19	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	93
19	FST		256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	SSE/62.1	1.09	94
19	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	94

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
19	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	95
19	FST	MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE/62.1	1.09	95
20	WWIS		TWEEDSMURI NORTH OF RICHMOND RD. Ottawa ON Well ID: 7136558	SE/64.9	1.12	96
21	WWIS		TWEEDSMUIR R NORTH OF RICHMOND RD. ON Well ID: 7136559	ESE/65.2	0.04	98
22	SPL	PETRO-CANADA	236 RICHMOND ROAD SERVICE STATION OTTAWA CITY ON K1Z 6W6	ESE/73.1	0.06	100
22	PRT	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	ESE/73.1	0.06	101
22	RST	NICK'S SERVICE CENTRE	236 RICHMOND RD OTTAWA ON K1Z6W6	ESE/73.1	0.06	101
22	DTNK	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	ESE/73.1	0.06	101
22	DTNK	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON	ESE/73.1	0.06	101
22	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	102
22	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	102
22	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	103

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
22	FST	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	108
22	FST	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	109
22	FST	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	109
22	FST	NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	ESE/73.1	0.06	109
22	PINC	PIPELINE HIT - 1"	238 RICHMOND ROAD,,OTTAWA,ON,K1Z 6W6,CA ON	ESE/73.1	0.06	110
22	EHS		236 Richmond Road Ottawa ON K1Z 6W6	ESE/73.1	0.06	110
23	CA	Otto's Service Centre Limited	225/245 Richmond Road Ottawa ON	ENE/74.6	-0.88	111
24	HINC		267 Richmond Rd OTTAWA ON	WSW/75.2	1.15	111
24	GEN	850676 ontario Limited	267 Richmond Rd. Ottawa ON K1Z 6X3	WSW/75.2	1.15	111
24	EHS		267 Richmond Road Ottawa ON K1Z 6X3	WSW/75.2	1.15	112
24	EHS		267 Richmond Road Ottawa ON K1Z 6X3	WSW/75.2	1.15	112
24	EHS		267 Richmond Road Ottawa ON K1Z 6X3	WSW/75.2	1.15	112
24	EHS		267 Richmond Road Ottawa ON K1Z 6X3	WSW/75.2	1.15	112

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
25	EHS		236 Richmond Road Ottawa ON K1Z 6W6	ESE/78.4	0.06	112
26	WWIS		ON Well ID: 7242470	SSE/83.1	1.10	113
27	EHS		270 Richmond Rd Ottawa ON K1Z6X2	SW/85.9	1.11	113
28	BORE		ON	ESE/87.4	1.14	114
29	WWIS		ON Well ID: 1508932	ESE/87.6	1.14	115
30	WWIS		ON Well ID: 1532963	W/91.4	0.32	117
31	WWIS		277 RICHMOND RD Ottawa ON Well ID: 7317351	WSW/95.4	1.14	120
32	SPL	PRIVATE BUSINESS (N.O.S.)	225 RICHMOND RD. OTTAWA OTTAWA CITY ON K1Z 6W7	ENE/96.2	-0.85	123
32	EBR	Otto's Service Centre Limited	225/245 Richmond Road Ottawa Ontario K1Z 6W7 Ottawa ON	ENE/96.2	-0.85	124
32	CA	3526097 Canada Inc.	225 Richmond Road Ottawa ON K1Z 6W7	ENE/96.2	-0.85	124
32	EBR	Otto's Service Centre Limited	225 Richmond Road Ottawa K1Z 5H1 CITY OF OTTAWA ON	ENE/96.2	-0.85	125
32	ECA	Otto's Service Centre Limited	225/245 Richmond Road Ottawa ON K1Z 6W7	ENE/96.2	-0.85	125
32	ECA	3526097 Canada Inc.	225 Richmond Road Ottawa ON K1Z 6W7	ENE/96.2	-0.85	125

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
33	SPL		222 Richmond Road Ottawa ON K1Z 6W6	E/101.2	0.26	126
33	SPL		222 Richmond Rd. Ottawa ON	E/101.2	0.26	126
34	WWIS		SCOTT ST. / TWEEDSMUIR AVE. OTTAWA ON <i>Well ID: 7245885</i>	WNW/104.9	-0.87	127
35	EHS		238 Richmond Rd Ottawa ON K1Z6W6	ESE/107.2	1.18	128
36	WWIS		281 RICHMOND RD Ottawa ON <i>Well ID: 7317352</i>	WSW/107.4	1.14	129
37	SCT	FINE PRINT INC.	345A ATHLONE AVE OTTAWA ON K1Z 5M3	NW/110.9	-0.78	132
38	SPL	8596239 Canada Inc. <UNOFFICIAL>	400 Athlone Ave Ottawa ON	SSW/129.6	1.87	132
39	SCT	Y'S OWL CO-OPERATIVE INC	290 PICTON AVE OTTAWA ON K1Z 8P8	WSW/129.7	0.15	133
39	SCT	Orezone Resources Inc.	290 Picton St Suite 201 Ottawa ON K1Z 8P8	WSW/129.7	0.15	133
39	SCT	Apption Software Inc.	290 Picton Ave Suite 104 Ottawa ON K1Z 8P8	WSW/129.7	0.15	133
39	SCT	Orezone Gold Corporation	290 Picton Ave Suite 201 Ottawa ON K1Z 8P8	WSW/129.7	0.15	133
40	PINC		412 Tweedsmuir Ave. Ottawa ON	SSE/130.5	1.80	133
41	SPL	Enbridge Gas Distribution Inc.	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SE/137.6	1.14	134

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

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

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

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

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

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

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.

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

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.

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

CA - 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.

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA CITY - PT.LOT 31, CONC. 1	ATHLONE AVE./BYRON AVE. OTTAWA CITY ON	SSE	227.68	73

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Otto's Service Centre Limited	225/245 Richmond Road Ottawa ON	ENE	74.58	23

3526097 Canada Inc.	225 Richmond Road Ottawa ON K1Z 6W7	ENE	96.20	32
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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.

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

MAC'S CONVENIENCE STORES INC**	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	SSE	62.11	19
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NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON	ESE	73.10	22
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NICK ROSSOLATOS SERVICE CENTRE LTD	236 RICHMOND RD OTTAWA ON K1Z 6W6	ESE	73.10	22
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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.

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

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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Lusitania Collision Center (1996) Limited	255 Richmond road Ottawa Ontario Ottawa ON	SW	12.77	5

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Otto's Service Centre Limited	225/245 Richmond Road Ottawa Ontario K1Z 6W7 Ottawa ON	ENE	96.20	32
Otto's Service Centre Limited	225 Richmond Road Ottawa K1Z 5H1 CITY OF OTTAWA ON	ENE	96.20	32

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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Lusitania Collision Center (1996) Limited	255 Richmond road Ottawa ON K1Z 6X1	SW	12.77	5

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
3526097 Canada Inc.	225 Richmond Road Ottawa ON K1Z 6W7	ENE	96.20	32
Otto's Service Centre Limited	225/245 Richmond Road Ottawa ON K1Z 6W7	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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	255 Richmond Rd Ottawa ON K1Z6X1	SSW	10.38	<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>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	236 Richmond Road Ottawa ON K1Z 6W6	ESE	78.38	<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>

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

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Jul 31, 2020 has found that there are 11 EXP site(s) within approximately 0.25 kilometers of the

project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<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>
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>
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>

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

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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<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	19
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE	62.11	19
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE	62.11	19
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	19
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	19
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	SSE	62.11	19
	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	SSE	62.11	19
MAC'S CONVENIENCE STORES INC	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA	SSE	62.11	19

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

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.

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

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

GEN - 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.

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
850676 ontario Limited	267 Richmond Rd. Ottawa ON K1Z 6X3	WSW	75.22	24
Cassone Construction	300 Richmond Rd. Ottawa ON	SW	219.90	68
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Leimerk Developments Ltd.	205 Richmond Road Ottawa ON K1Z 6W4	ENE	175.44	53
CARSON'S BODY REPAIRS LTD.	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	N	189.33	56
CARSON'S BODY REPAIRS (OUT OF BUSINESS)	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	N	189.33	56
CARSON'S BODY REPAIRS LTD. 08-817	320 MCRAE AVENUE OTTAWA ON K1Z 5R8	N	189.33	56
Bushtukah	203 Richmond rd Ottawa ON K1Z 6W4	ENE	190.85	57
Bushtukah	203 Richmond rd Ottawa ON	ENE	190.85	57
Bushtukah	203 Richmond rd Ottawa ON	ENE	190.85	57
Broccolini Construction Ottawa Inc.	319 McRae ottawa ON K1Z 5R8	NE	222.04	70
Colonnade Bridgeport	315 - 319 McRae Street Ottawa ON K1Z 0C2	NE	222.04	70

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	267 Richmond Rd OTTAWA ON	WSW	75.22	24

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	359 McRAE STREET OTTAWA ON	NE	165.13	49

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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<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	19
	415 Tweedsmuir Avenue, Ottawa ON K1Z 5N6	SE	137.64	41

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.

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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PINC - 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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
PIPELINE HIT - 1"	238 RICHMOND ROAD,,OTTAWA,ON, K1Z 6W6,CA ON	ESE	73.10	<u>22</u>
	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>

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

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 2 PRT site(s) within approximately 0.25 kilometers of the project property.

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

RSC - 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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<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	22

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<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	70

RST - Retail Fuel Storage Tanks

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

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

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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Rose Drapery Ltd.	261 Richmond Rd Ottawa ON K1Z 6X1	WSW	32.98	<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>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<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	N	189.33	<u>56</u>

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

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.

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<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>	400 Athlone Ave Ottawa ON	SSW	129.60	<u>38</u>
Enbridge Gas Distribution Inc.	415 Tweedsmuir Avenue 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>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<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	NE	165.13	<u>49</u>
	335 Tweedsmuir Ave Ottawa ON	N	174.45	<u>52</u>

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

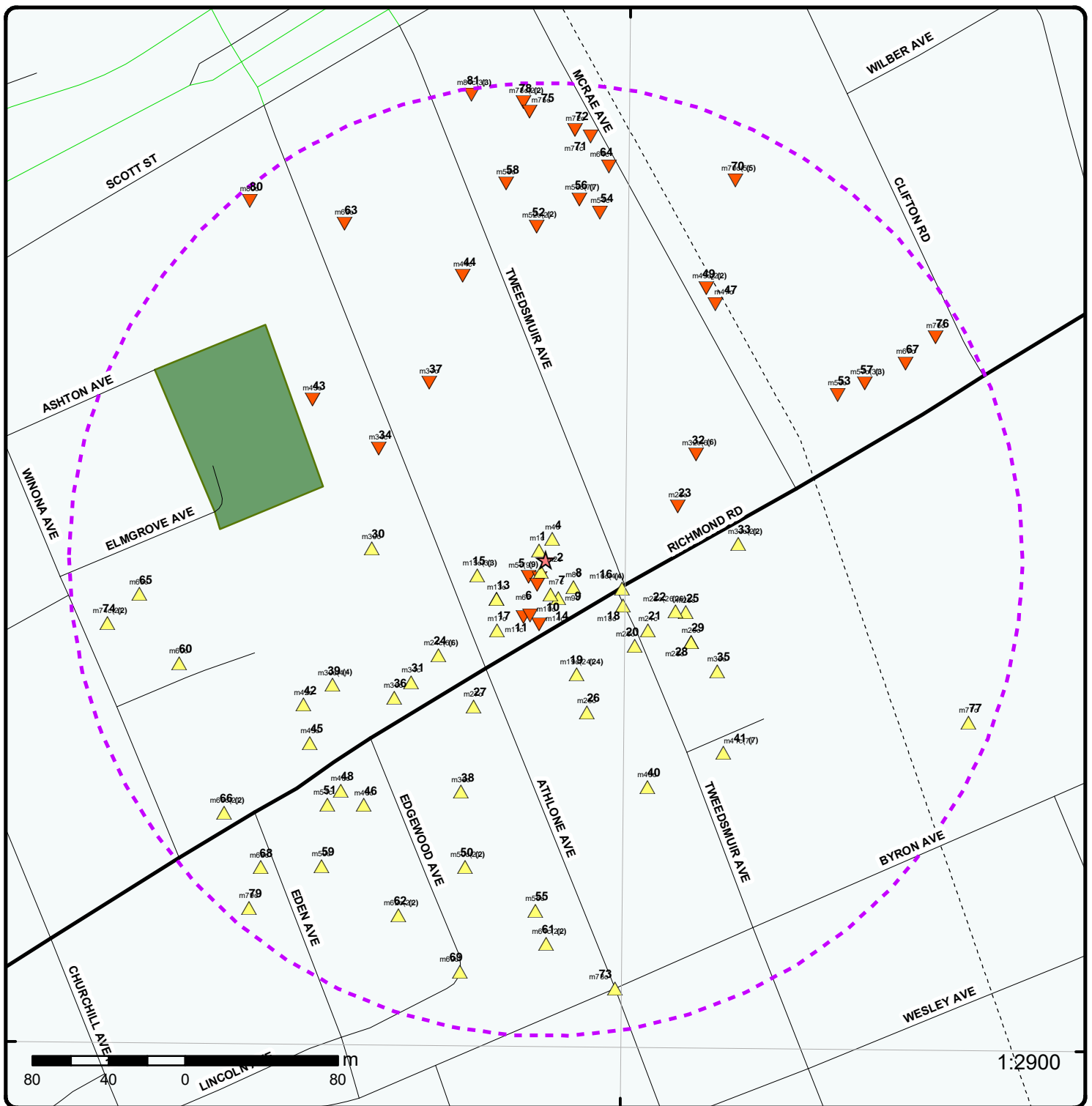
WWIS - Water Well Information System

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.

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

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7317352			
	ON	WSW	156.58	45
	<i>Well ID:</i> 7224473			
	298 Richmond Road Ottawa ON	SW	162.04	48
	<i>Well ID:</i> 7346073			
	298 Richmond Road Ottawa ON	SW	171.92	51
	<i>Well ID:</i> 7346074			
	190 RICHMOND ROAD OTTAWA ON	ESE	237.32	77
	<i>Well ID:</i> 7264947			
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	SCOTT ST. / TWEEDSMUIR AVE. OTTAWA ON	WNW	104.86	34
	<i>Well ID:</i> 7245885			
	320 McRae Ave Ottawa ON	NNE	183.98	54
	<i>Well ID:</i> 7334764			
	1385 woodroffe Ave Ottawa ON	N	223.01	71
	<i>Well ID:</i> 7348381			
	320 McRae Ave Ottawa ON	N	225.30	72
	<i>Well ID:</i> 7334765			



Map: 0.25 Kilometer Radius

Order Number: 21070600514

Address: 255 Richmond Road, Ottawa, ON

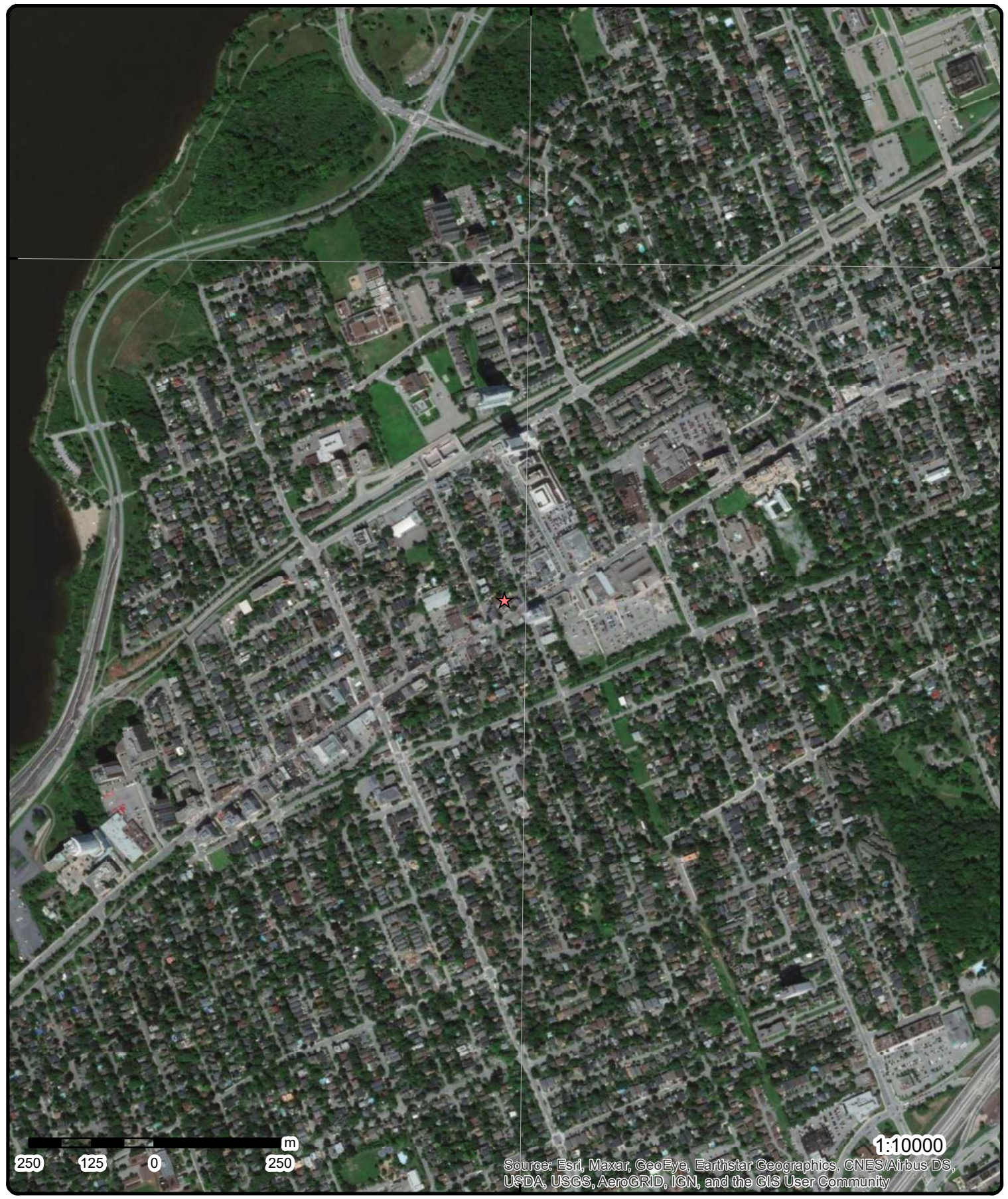


Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range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

75°45'W

45°24'N

45°24'N



250 125 0 250 m

1:10000

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

Aerial Year: 2020

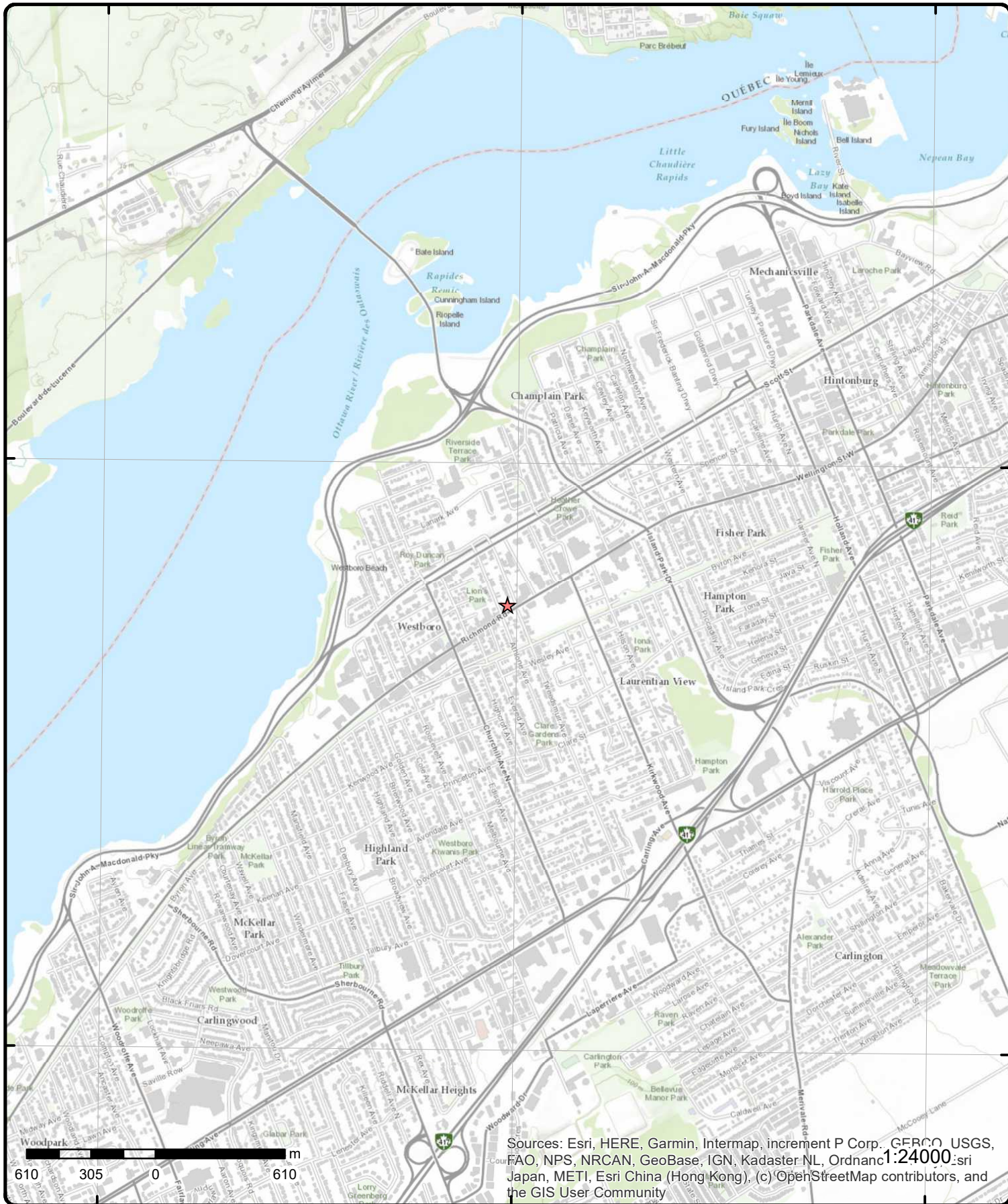
Order Number: 21070600514

Address: 255 Richmond Road, Ottawa, ON



Source: ESRI World Imagery

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

Topographic Map

Address: 255 Richmond Road, ON

Source: ESRI World Topographic Map

Order Number: 21070600514



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	NW/5.9	66.9 / 0.16	255 RICHMOND RD OTTAWA ON	WWIS

Well ID: 7300863
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z238087
Tag: A199203
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7300863.pdf

Additional Detail(s) (Map)

Well Completed Date: 2017/10/24
Year Completed: 2017
Depth (m): 7.9
Latitude: 45.3940063945197
Longitude: -75.7505631452088
Path: 730\7300863.pdf

Bore Hole Information

<p> Bore Hole ID: 1006858117 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 24-Oct-2017 00:00:00 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </p>	<p> Elevation: 65.586868 Elevrc: Zone: 18 East83: 441251.00 North83: 5026995.00 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwf </p>
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Overburden and Bedrock
Materials Interval**

Formation ID: 1007050448
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 4.5
Formation End Depth: 7.900000095367432
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007050446
Layer: 1
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 28
Mat2 Desc: SAND
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007050447
Layer: 2
Color: 2
General Color: GREY
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 2.0
Formation End Depth: 4.5
Formation End Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1007050457
Layer: 1
Plug From: 0
Plug To: 0.310000002384186
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Plug ID:		1007050458			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		4.48999977111816			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050459			
Layer:		3			
Plug From:		4.48999977111816			
Plug To:		7.90000009536743			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007050456			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007050445			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1007050453			
Layer:		1			
Slot:		10			
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.21000003814697			
<u>Water Details</u>					
Water ID:		1007050451			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007050450			
Diameter:		5.599999904632568			
Depth From:		2.1700000762939453			
Depth To:		7.900000095367432			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1007050449			
Diameter:		8.25			
Depth From:		0.0			
Depth To:		2.1700000762939453			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

2	1 of 1	SSW/6.7	66.8 / 0.08	255 RICHMOND RD OTTAWA ON	WWIS
Well ID:	7300862			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/5/2017
Sec. Water Use:	Monitoring			Selected Flag:	True
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z238059			Owner:	
Tag:	A190996			Street Name:	255 RICHMOND RD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7300862.pdf

Additional Detail(s) (Map)

Well Completed Date: 2017/10/24
Year Completed: 2017
Depth (m): 7.62
Latitude: 45.3939074726371
Longitude: -75.750549059939
Path: 730\7300862.pdf

Bore Hole Information

Bore Hole ID:	1006858114	Elevation:	65.692939
DP2BR:		Elevrc:	
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 Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Overburden and Bedrock
Materials Interval**

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

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007050432
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 1.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

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

**Annular Space/Abandonment
Sealing Record**

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

Annular Space/Abandonment

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Sealing Record</u>					
Plug ID:		1007050442			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007050443			
Layer:		2			
Plug From:		1			
Plug To:		14			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007050441			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007050430			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1007050438			
Layer:		1			
Slot:		10			
Screen Top Depth:		15			
Screen End Depth:		25			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.6599999666214			
<u>Water Details</u>					
Water ID:		1007050436			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1007050434			
Diameter:		2.875			
Depth From:		0.0			
Depth To:		9.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1007050435			
Diameter:		2.375			
Depth From:		9.0			
Depth To:		25.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

3	1 of 1	SSW/10.4	66.7 / 0.00	255 Richmond Rd Ottawa ON K1Z6X1	EHS
Order No:	20170719027			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	25-JUL-17			Search Radius (km):	.25
Date Received:	19-JUL-17			X:	-75.750559
Previous Site Name:				Y:	45.393875
Lot/Building Size:					
Additional Info Ordered:					

4	1 of 1	NNE/11.3	66.8 / 0.08	255 RICHMOND RD OTTAWA ON	WWIS
Well ID:	7300858			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/5/2017
Sec. Water Use:	Monitoring			Selected Flag:	True
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z206457			Owner:	
Tag:	A182637			Street Name:	255 RICHMOND RD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7300858.pdf

Additional Detail(s) (Map)

Well Completed Date: 2017/10/16
Year Completed: 2017
Depth (m): 7.62
Latitude: 45.3940609852984
Longitude: -75.7504744374109
Path: 730\7300858.pdf

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	1006858102			Elevation:	65.766708
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441258.00
Code OB Desc:				North83:	5027001.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	16-Oct-2017 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007050376
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.3100000023841858
Formation End Depth: 2.130000114440918
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007050375
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 0.3100000023841858
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007050377
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 17
Mat2 Desc: SHALE
Mat3: 74
Mat3 Desc: LAYERED

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Formation Top Depth:</i>		2.130000114440918			
<i>Formation End Depth:</i>		7.619999885559082			
<i>Formation End Depth UOM:</i>		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1007050387			
<i>Layer:</i>		2			
<i>Plug From:</i>		0.310000002384186			
<i>Plug To:</i>		4.26999998092651			
<i>Plug Depth UOM:</i>		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1007050388			
<i>Layer:</i>		3			
<i>Plug From:</i>		4.26999998092651			
<i>Plug To:</i>		7.61999988555908			
<i>Plug Depth UOM:</i>		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1007050386			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		0.310000002384186			
<i>Plug Depth UOM:</i>		m			
 <u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		1007050385			
<i>Method Construction Code:</i>		5			
<i>Method Construction:</i>		Air Percussion			
<i>Other Method Construction:</i>					
 <u>Pipe Information</u>					
<i>Pipe ID:</i>		1007050374			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1007050382			
<i>Layer:</i>		1			
<i>Slot:</i>		10			
<i>Screen Top Depth:</i>		4.57000017166138			
<i>Screen End Depth:</i>		7.61999988555908			
<i>Screen Material:</i>		5			
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>		4.82000017166138			
 <u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Water ID:		1007050380			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007050378			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		3.0999999046325684			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007050379			
Diameter:		7.619999885559082			
Depth From:		3.0999999046325684			
Depth To:		1.6200000047683716			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<hr/>					
5	1 of 9	SW/12.8	66.7 / 0.00	Lusitania Collision Center (1996) Limited 255 Richmond road Ottawa Ontario Ottawa ON	EBR
EBR Registry No:	IA03E1015			Decision Posted:	
Ministry Ref No:	2830-5P9NYS			Exception Posted:	
Notice Type:	Instrument Decision			Section:	
Notice Stage:				Act 1:	
Notice Date:	April 02, 2004			Act 2:	
Proposal Date:	July 15, 2003			Site Location Map:	
Year:	2003				
Instrument Type:	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)				
Off Instrument Name:					
Posted By:					
Company Name:	Lusitania Collision Center (1996) Limited				
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:	255 Richmond Road, Ottawa Ontario, K1Z 6X1				
Comment Period:					
URL:					
Site Location Details:					
255 Richmond road Ottawa Ontario Ottawa					
<hr/>					
5	2 of 9	SW/12.8	66.7 / 0.00	255 Richmond Road Ottawa ON K1Z 6X1	EHS
Order No:	20081003007			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	10/14/2008			Search Radius (km):	0.25
Date Received:	10/3/2008			X:	-75.750479
Previous Site Name:				Y:	45.393735

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
5	3 of 9	SW/12.8	66.7 / 0.00	Lusitania Collision Center (1996) Limited 255 Richmond road Ottawa ON K1Z 6X1	CA
Certificate #:		8610-5XFJMF			
Application Year:		2004			
Issue Date:		3/26/2004			
Approval Type:		Air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
5	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 No:		ON3292507		PO Box No:	
Status:				Country:	
Approval Years:		2009		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		451110			
SIC Description:		Sporting Goods Stores			
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
5	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 No:		ON3292507		PO Box No:	
Status:				Country:	
Approval Years:		2011		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		451110			
SIC Description:					
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
5	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	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Generator No: ON3292507 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 451110 SIC Description: Sporting Goods Stores</p> <p>PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:</p>					
Detail(s)					
<p>Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES</p>					
5	7 of 9	SW/12.8	66.7 / 0.00	Tall Tree Technologies Inc. 255 Richmond Rd. Unit 1 Ottawa ON	GEN
<p>Generator No: ON3292507 Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 451110 SIC Description: SPORTING GOODS STORES</p> <p>PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:</p>					
Detail(s)					
<p>Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES</p>					
5	8 of 9	SW/12.8	66.7 / 0.00	Lusitania Collision Center (1996) Limited 255 Richmond road Ottawa ON K1Z 6X1	ECA
<p>Approval No: 8610-5XFJMF Approval Date: 2004-03-26 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR Project Type: AIR Business Name: Lusitania Collision Center (1996) Limited Address: 255 Richmond road Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2830-5P9NYS-14.pdf</p> <p>MOE District: Ottawa City: Longitude: -75.750565 Latitude: 45.39386 Geometry X: Geometry Y:</p>					
5	9 of 9	SW/12.8	66.7 / 0.00	255 Richmond Rd Ottawa; Ottawa ON NA	SPL
<p>Ref No: 6084-BB5P4K Site No: NA; 0874-5JVLVA Incident Dt: 4/11/2019 Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1:</p> <p>Discharger Report: Material Group: Health/Env Conseq: 0 - No Impact Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: 255 Richmond Rd Site District Office: Ottawa; Ottawa Site Postal Code: NA</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant UN No 1:				Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa; Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	NA
Receiving Env:				Northing:	NA
MOE Response: No				Easting:	NA
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	NA
MOE Reported Dt: 4/11/2019				Site Map Datum:	NA
Dt Document Closed: 4/29/2019				SAC Action Class:	
Incident Reason:				Source Type:	
Site Name: 236 Richmond Road<UNOFFICIAL>; Lusitania Collision Center					
Site County/District: NA					
Site Geo Ref Meth: NA					
Incident Summary: Contaminated Site - Potential Off-Site Impacts					
Contaminant Qty:					

6	1 of 1	SSW/14.0	66.7 / 0.00	255 RICHMOND RD OTTAWA ON	WWIS
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Well ID:	7300860	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Test Hole	Date Received:	12/5/2017
Sec. Water Use:	Monitoring	Selected Flag:	True
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	7241
Casing Material:		Form Version:	7
Audit No:	Z206459	Owner:	
Tag:	A182639	Street Name:	255 RICHMOND RD
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.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:	1006858108	Elevation:	65.746757
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441250.00
Code OB Desc:		North83:	5026977.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:	16-Oct-2017 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007050405				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:	17				
Mat2 Desc:	SHALE				
Mat3:	74				
Mat3 Desc:	LAYERED				
Formation Top Depth:	2.130000114440918				
Formation End Depth:	10.359999656677246				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007050404				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	11				
Mat2 Desc:	GRAVEL				
Mat3:	85				
Mat3 Desc:	SOFT				
Formation Top Depth:	0.0				
Formation End Depth:	2.130000114440918				
Formation End Depth UOM:	m				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1007050416				
Layer:	3				
Plug From:	7.01000022888184				
Plug To:	10.3599996566772				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1007050414				
Layer:	1				
Plug From:	0				
Plug To:	0.310000002384186				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Sealing Record</u>					
Plug ID:		1007050415			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		7.01000022888184			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007050413			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007050403			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1007050410			
Layer:		1			
Slot:		10			
Screen Top Depth:		7.30999994277954			
Screen End Depth:		10.3599996566772			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82000017166138			
<u>Water Details</u>					
Water ID:		1007050408			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007050407			
Diameter:		7.619999885559082			
Depth From:		3.0999999046325684			
Depth To:		10.359999656677246			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007050406			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		3.0999999046325684			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 1	SSE/18.4	66.8 / 0.09	255 RICHMOND ROAD Ottawa ON	WWIS
Well ID: 7115803 Construction Date: Primary Water Use: Monitoring Sec. Water Use: Final Well Status: Test Hole Water Type: Casing Material: Audit No: M02900 Tag: A074567 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Entry Status: Data Src: Date Received: 11/24/2008 Selected Flag: True Abandonment Rec: Contractor: 1844 Form Version: 5 Owner: Street Name: 255 RICHMOND ROAD County: OTTAWA Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7115803.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 2008/10/17 Year Completed: 2008 Depth (m): 7.5 Latitude: 45.393799885986 Longitude: -75.7504837571308 Path: 711\7115803.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 1001905250 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: No Cluster Kind: Date Completed: 17-Oct-2008 00:00:00 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 66.004470 Elevrc: Zone: 18 East83: 441257.00 North83: 5026972.00 Org CS: UTM83 UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: wwr			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1002783022 Layer: 2 Color: 6 General Color: BROWN					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		01			
Most Common Material:		FILL			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2.299999952316284			
Formation End Depth:		4.5			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002783021			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		0.0			
Formation End Depth:		2.299999952316284			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002783023			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		26			
Most Common Material:		ROCK			
Mat2:		15			
Mat2 Desc:		LIMESTONE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4.5			
Formation End Depth:		7.5			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002783026			
Layer:		1			
Plug From:		0			
Plug To:		0.300000011920929			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002783027			
Layer:		2			
Plug From:		4.80000019073486			
Plug To:		5			
Plug Depth UOM:		m			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002783030			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:		HSA			
<u>Pipe Information</u>					
Pipe ID:		1002783019			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1002783028			
Layer:		1			
Slot:		10			
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		5.80000019073486			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002783020			
Pump Set At:					
Static Level:		6.699999809265137			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:					
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:		1002783024			
Diameter:		20.0			
Depth From:		0.0			
Depth To:		4.570000171661377			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1002783025			
Diameter:		10.0			
Depth From:		4.570000171661377			
Depth To:		7.5			
Hole Depth UOM:		m			

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

8	1 of 1	SE/20.3	66.8 / 0.09	255 RICHMOND RD OTTAWA ON	WWIS
Well ID:	7300859			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/5/2017
Sec. Water Use:	Monitoring			Selected Flag:	True
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z206458			Owner:	
Tag:	A182638			Street Name:	255 RICHMOND RD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7300859.pdf

Additional Detail(s) (Map)

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

Bore Hole Information

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

Overburden and Bedrock Materials Interval

Formation ID:	1007050391
Layer:	2
Color:	2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		17			
Mat2 Desc:		SHALE			
Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top Depth:		2.440000057220459			
Formation End Depth:		10.0600004196167			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007050390			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		0.0			
Formation End Depth:		2.440000057220459			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050400			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050402			
Layer:		3			
Plug From:		6.71000003814697			
Plug To:		10.0600004196167			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007050401			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		6.71000003814697			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007050399			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					

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

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

Construction Record - Screen

Screen ID: 1007050396
 Layer: 1
 Slot: 10
 Screen Top Depth: 7.01000022888184
 Screen End Depth: 10.0600004196167
 Screen Material: 5
 Screen Depth UOM: m
 Screen Diameter UOM: cm
 Screen Diameter: 4.82000017166138

Water Details

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

Hole Diameter

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

Hole Diameter

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2017/08/04
Year Completed: 2017
Depth (m): 2.322576
Latitude: 45.3937822206677
Longitude: -75.7504324204293
Path:

Bore Hole Information

Bore Hole ID:	1006738407	Elevation:	66.124946
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441261.00
Code OB Desc:		North83:	5026970.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	04-Aug-2017 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 1006884190
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0.3100000023841858
Formation End Depth: 3.3499999046325684
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1006884191
Layer: 3

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		8			
General Color:		BLACK			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		3.3499999046325684			
Formation End Depth:		4.570000171661377			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006884192			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top Depth:		4.570000171661377			
Formation End Depth:		7.619999885559082			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006884189			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:					
Most Common Material:					
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		66			
Mat3 Desc:		DENSE			
Formation Top Depth:		0.0			
Formation End Depth:		0.3100000023841858			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006884202			
Layer:		3			
Plug From:		5.17999982833862			
Plug To:		7.61999988555908			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006884201			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		5.17999982833862			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006884200			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006884199			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006884188			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1006884197			
Layer:		1			
Slot:		10			
Screen Top Depth:		5.48999977111816			
Screen End Depth:		7.61999988555908			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.03000020980835			
<u>Water Details</u>					
Water ID:		1006884195			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006884193			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		4.570000171661377			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1006884194			
Diameter:		7.619999885559082			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		4.570000171661377			
Depth To:		7.619999885559082			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

11	1 of 1	SSW/32.4	66.7 / 0.00	255 RICHMOND RD OTTAWA ON	WWIS
Well ID:	7300861			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/5/2017
Sec. Water Use:	Monitoring			Selected Flag:	True
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z206460			Owner:	
Tag:	A182631			Street Name:	255 RICHMOND RD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7300861.pdf				

Additional Detail(s) (Map)

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

Bore Hole Information

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

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1007050419			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		66			
Mat3 Desc:		DENSE			
Formation Top Depth:		3.3499999046325684			
Formation End Depth:		7.619999885559082			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007050418			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		0.0			
Formation End Depth:		3.3499999046325684			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007050428			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		4.26999998092651			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007050427			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007050429			
Layer:		3			
Plug From:		4.26999998092651			
Plug To:		7.61999988555908			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1007050426			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007050417			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1007050423			
Layer:		1			
Slot:		10			
Screen Top Depth:		4.57000017166138			
Screen End Depth:		7.61999988555908			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82000017166138			
<u>Water Details</u>					
Water ID:		1007050421			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007050420			
Diameter:		8.25			
Depth From:		0.0			
Depth To:		7.619999885559082			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

10	1 of 1	SSW/30.4	66.7 / 0.00	MOTOR VEHICLE 259 RICHMOND RD. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Z 6X1	SPL
Ref No:	65543			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	12/25/1991			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	OTHER CONTAINER LEAK			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	POSSIBLE			Site Municipality:	20101
Nature of Impact:	Surface Water Pollution			Site Lot:	
Receiving Medium:	LAND / WATER			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	OTTAWA PUC

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Dt MOE Arvl on Scn: MOE Reported Dt: 12/25/1991 Dt Document Closed: Incident Reason: DAMAGE BY MOVING EQUIPMENT Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: MOTOR VEHICLE ACCIDENT: GASOLINE LEAK TO CATCHBASIN Contaminant Qty:					
Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:					
12	1 of 2	WSW/33.0	66.8 / 0.03	ULTRAMAR 261 RICHMOND ROAD TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 6X1	SPL
Ref No: 138508 Site No: Incident Dt: 3/21/1997 Year: Incident Cause: CONTAINER OVERFLOW Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: CONFIRMED Nature of Impact: Human health Receiving Medium: AIR Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 3/21/1997 Dt Document Closed: Incident Reason: ERROR Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: ULTRAMAR: 45 L FUEL TO BASEMENT; FUMES AFFECTED NEIGHBOURS Contaminant Qty:					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20101 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:					
12	2 of 2	WSW/33.0	66.8 / 0.03	Rose Drapery Ltd. 261 Richmond Rd Ottawa ON K1Z 6X1	SCT
Established: 1978 Plant Size (ft²): Employment: 6 --Details-- Description: Curtain and Linen Mills SIC/NAICS Code: 314120					
13	1 of 1	WSW/33.0	66.8 / 0.03	Enbridge Gas Distribution Inc. 263 Richmond Rd Ottawa ON	SPL
Ref No: 0813-B88MWN Site No: NA Incident Dt: 2019/01/08 Year:					
Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Client Type: Corporation					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Cause:				Sector Type:	Other
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	263 Richmond Rd
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	1075			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2019/01/08			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error			Source Type:	Pipeline/Components
Site Name:	Enbridge: 1" steel gasline<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA/Enbridge: 1" steel gasline damaged by snowplow				
Contaminant Qty:	0 other - see incident description				

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1 of 1

S/34.4

66.7 / 0.00

ON

WWIS

Well ID:	7336502	Data Entry Status:	Yes
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	7/8/2019
Sec. Water Use:		Selected Flag:	True
Final Well Status:		Abandonment Rec:	
Water Type:		Contractor:	1844
Casing Material:		Form Version:	8
Audit No:	C30164	Owner:	
Tag:	A251269	Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

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

Bore Hole Information

Bore Hole ID:	1007500416	Elevation:	
DP2BR:		Elevrc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 04-Jun-2019 00:00:00 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
Zone: 18 East83: 441251.00 North83: 5026956.00 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr					
15	1 of 3	W/36.8	66.8 / 0.03	LAMBLE PHOTO-LAB SERVICES 24-946 371 ATHLONE AVE. OTTAWA ON K1Z 5M3	GEN
Generator No: ON1597100 Status: Approval Years: 92,93,94,95,96,97,98 Contam. Facility: MHSW Facility: SIC Code: 6571 SIC Description: CAMERA/PHOTO. SUPPLY PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
Detail(s)					
Waste Class: 264 Waste Class Desc: PHOTOPROCESSING WASTES					
15	2 of 3	W/36.8	66.8 / 0.03	Rose Drapery Ltd. 371 Athlone Ave Ottawa ON K1Z 5M3	SCT
Established: 1978 Plant Size (ft²): Employment: 6					
--Details--					
Description: Curtain and Linen Mills SIC/NAICS Code: 314120					
15	3 of 3	W/36.8	66.8 / 0.03	Rose Draperies Ltd. 371 Athlone Ave Ottawa ON K1Z 5M3	SCT
Established: 01-JUN-78 Plant Size (ft²): 2500 Employment:					
--Details--					
Description: Curtain and Linen Mills SIC/NAICS Code: 314120					
16	1 of 4	ESE/42.8	66.8 / 0.10	OTTAWA CITY RICHMOND RD./TWEEDSMUIR AVE. OTTAWA CITY ON	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		3-0933-93- 93 8/19/1993 Municipal sewage Approved			

16	2 of 4	ESE/42.8	66.8 / 0.10	City of Ottawa corner of Tweedsmuir Ave & Richmond Road Ottawa ON	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: 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:		0522-9KYLRE NA 2014/06/11 Unknown / N/A 15 OIL/GREASE Not Anticipated Surface Water Pollution No Field Response 2014/06/11 2014/10/22 Unknown / N/A CB<UNOFFICIAL>		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: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	Unknown / N/A corner of Tweedsmuir Ave & Richmond Road Ottawa Land Spills
		City of Ottawa: Oil dumped to CB, cleaning 0 other - see incident description			

16	3 of 4	ESE/42.8	66.8 / 0.10	City of Ottawa Richmond Rd at Tweedsmuir Avenue Right-of-way Ottawa ON K1Z 6W7	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON6345262 Registered As of Jul 2020		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada

Detail(s)

Waste Class: 221 L
Waste Class Desc: Light fuels

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	4 of 4	ESE/42.8	66.8 / 0.10	City of Ottawa Richmond Rd at Tweedsmuir Avenue Right-of-way Ottawa ON K1Z 6W7	GEN
Generator No:	ON6345262			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Apr 2021			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:	221 L				
Waste Class Desc:	Light fuels				

17	1 of 1	SW/45.1	66.8 / 0.03	TWEEDSMUIR NORTH OF RICHMOND RD. Ottawa ON	WWIS
Well ID:	7136557			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	12/21/2009
Sec. Water Use:				Selected Flag:	True
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z106621			Owner:	
Tag:	A085405			Street Name:	TWEEDSMUIR NORTH OF RICHMOND RD.
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7136557.pdf				

Additional Detail(s) (Map)

Well Completed Date:	2009/11/05
Year Completed:	2009
Depth (m):	
Latitude:	45.3936265250825
Longitude:	-75.7508391815939
Path:	713\7136557.pdf

Bore Hole Information

Bore Hole ID:	1002903274	Elevation:	65.916038
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441229.00
Code OB Desc:		North83:	5026953.00
Open Hole:		Org CS:	UTM83

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	4
Date Completed:	05-Nov-2009 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003093741			
Layer:		2			
Plug From:		0.5			
Plug To:		12			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003093742			
Layer:		3			
Plug From:		12			
Plug To:		23			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003093740			
Layer:		1			
Plug From:		0			
Plug To:		0.5			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003093747			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003093737			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003093744			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		13			
Casing Diameter:		1.25			

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

18	1 of 1	ESE/47.2	66.8 / 0.04	TWEENMUIR AT CLARE ST Ottawa ON	WWIS
Well ID:		7139974		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received: 2/16/2010	
Sec. Water Use:				Selected Flag: True	
Final Well Status:		0		Abandonment Rec:	
Water Type:				Contractor: 1844	
Casing Material:				Form Version: 5	
Audit No:		M05527		Owner:	
Tag:		A074622		Street Name: TWEENMUIR AT CLARE ST	
Construction Method:				County: OTTAWA	
Elevation (m):				Municipality: OTTAWA CITY	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2009/08/17			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Year Completed:		2009			
Depth (m):		6			
Latitude:		45.388035984057			
Longitude:		-75.7468306361947			
Path:					
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2009/08/14			
Year Completed:		2009			
Depth (m):					
Latitude:		45.3937490714296			
Longitude:		-75.749997607498			
Path:					
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2009/08/14			
Year Completed:		2009			
Depth (m):					
Latitude:		45.382702236259			
Longitude:		-75.7434521392639			
Path:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1003269939		Elevation:	67.598548	
DP2BR:			Elevrc:		
Spatial Status:			Zone:	18	
Code OB:			East83:	441295.00	
Code OB Desc:			North83:	5026966.00	
Open Hole:			Org CS:	UTM83	
Cluster Kind:	This is a record from cluster log sheet		UTMRC:	4	
Date Completed:	14-Aug-2009 00:00:00		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:			Location Method:	wwr	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1003269943				
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1003269942				
Method Construction Code:					
Method Construction:					
Other Method Construction:	HSA				

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

Pipe ID: 1003269944
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003269946
Layer:
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 4.5
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1003269945
Layer:
Slot:
Screen Top Depth: 4.5
Screen End Depth: 6.09999990463257
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

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

Hole Diameter

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

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	1003269930			Elevation:	76.155502
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441796.00
Code OB Desc:				North83:	5025734.00
Open Hole:				Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet			UTMRC:	4
Date Completed:	14-Aug-2009 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1003269934				
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1003269933				
Method Construction Code:					
Method Construction:					
Other Method Construction:	HSA				
<u>Pipe Information</u>					
Pipe ID:	1003269935				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1003269937				
Layer:					
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	3.5				
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:	m				
<u>Construction Record - Screen</u>					
Screen ID:	1003269936				
Layer:					
Slot:					
Screen Top Depth:	3.5				
Screen End Depth:	5.09999990463257				
Screen Material:					
Screen Depth UOM:	m				

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

Results of Well Yield Testing

Pump Test ID: 1003269938
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:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		0.4000000059604645			
Formation End Depth:		1.399999976158142			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003269952			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		84			
Mat2 Desc:		SILTY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.399999976158142			
Formation End Depth:		4.400000095367432			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003269953			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		26			
Most Common Material:		ROCK			
Mat2:		15			
Mat2 Desc:		LIMESTONE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4.400000095367432			
Formation End Depth:		6.0			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003269950			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		12			
Most Common Material:		STONES			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.20000000298023224			
Formation End Depth:		0.4000000059604645			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003269949			
Layer:		1			
Color:					
General Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:					
Most Common Material:					
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		0.20000000298023224			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003269956			
Layer:		1			
Plug From:		0			
Plug To:		0.800000011920929			
Plug Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003269957			
Layer:		2			
Plug From:		0.800000011920929			
Plug To:		4.30000019073486			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1003269960			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1003269948			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1003269958			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4.5			
Casing Diameter:		5.09999990463257			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1003269959			
Layer:		1			
Slot:		10			
Screen Top Depth:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		5.80000019073486			
Hole Diameter					
Hole ID:		1003269955			
Diameter:		10.0			
Depth From:		4.5			
Depth To:		6.0			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
Hole Diameter					
Hole ID:		1003269954			
Diameter:		20.0			
Depth From:		0.0			
Depth To:		4.5			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

19	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:		77610		Discharger Report:	
Site No:				Material Group:	
Incident Dt:		10/16/1992		Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:		PIPE/HOSE LEAK		Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:		NOT ANTICIPATED		Site Municipality:	20101
Nature of Impact:				Site Lot:	
Receiving Medium:		LAND		Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	MCCR
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:		10/16/1992		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:		SUNOCO: 5 L GASOLINE SPILLED AT SERVICE STATION			
Contaminant Qty:					

19	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:		19762			
Type:		retail			
Expiry Date:		1996-02-28			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Capacity (L):		15926			
Licence #:		0076355528			
19	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 #:		3-1388-97-			
Application Year:		97			
Issue Date:		9/30/1997			
Approval Type:		Municipal sewage			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
19	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 Issue Date:		8/1/2002			
Tank Status:		Licensed			
Tank Status As Of:		August 2007			
Operation Type:		Retail Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			
--Details--					
Status:		Active			
Year of Installation:		1974			
Corrosion Protection:					
Capacity:		22600			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1974			
Corrosion Protection:					
Capacity:		22600			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1974			
Corrosion Protection:					
Capacity:		22600			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
19	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 of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON8452716			PO Box No:	
Status:				Country:	
Approval Years:	06			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	447110				
SIC Description:	Gasoline Stations with Convenience Stores				
<u>Detail(s)</u>					
Waste Class:	221				
Waste Class Desc:	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 As Of:	December 2008				
Operation Type:	Retail Fuel Outlet				
Facility Type:	Gasoline Station - Self Serve				
--Details--					
Status:	Active				
Year of Installation:	1974				
Corrosion Protection:					
Capacity:	22600				
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline				
Status:	Active				
Year of Installation:	1974				
Corrosion Protection:					
Capacity:	22600				
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline				
Status:	Active				
Year of Installation:	1974				
Corrosion Protection:					
Capacity:	22600				
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline				
Status:	Active				
Year of Installation:	1974				
Corrosion Protection:					
Capacity:	22600				
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline				
Status:	Active				
Year of Installation:	1997				
Corrosion Protection:					
Capacity:	50000				
Tank Fuel Type:	Liquid Fuel Double Wall UST - Gasoline				
Status:	Active				
Year of Installation:	1997				
Corrosion Protection:					
Capacity:	25000				
Tank Fuel Type:	Liquid Fuel Double Wall UST - Gasoline				
<u>19</u>	7 of 24	SSE/62.1	67.8 / 1.09	MAC'S CONVENIENCE STORES INC**	DTNK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:		63309344			
Status:		EXPIRED			
Instance ID:		347030			
Instance Type:		FS Piping			
Description:		FS Piping			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
Original Source:		EXP			
Record Date:		Up to Mar 2012			

19	8 of 24	SSE/62.1	67.8 / 1.09	MAC'S CONVENIENCE STORES INC** 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON	DTNK
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<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:		11106213			
Status:		EXPIRED			
Instance ID:		69351			
Instance Type:		FS Piping			
Description:		FS Piping			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
Original Source:		EXP			
Record Date:		Up to Mar 2012			

19	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
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Instance No:	11515366			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:	FS Liquid Fuel Tank			Quantity:	
Item:	FS LIQUID FUEL TANK			Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Double Wall UST			Fuel Type2:	NULL
Install Date:	5/20/2009			Fuel Type3:	NULL
Install Year:	1997			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	25000			Num Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:	FS Gasoline Station - Self Serve				
Facility Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Device Installed Location:		256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA			
<u>Fuel Storage Tank Details</u>					
Owner Account Name:		MAC'S CONVENIENCE STORES INC			
19	10 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:	11515358			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:	FS Liquid Fuel Tank			Quantity:	
Item:	FS LIQUID FUEL TANK			Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Double Wall UST			Fuel Type2:	NULL
Install Date:	5/20/2009			Fuel Type3:	NULL
Install Year:	1997			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	50000			Num Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:	FS Gasoline Station - Self Serve				
Facility Location:					
Device Installed Location:	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				
<u>Fuel Storage Tank Details</u>					
Owner Account Name:		MAC'S CONVENIENCE STORES INC			
19	11 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	EXP
Instance No:	11106196			Model:	NULL
Status:	EXPIRED			Quantity:	1
Instance ID:				Unit of Measure:	EA
Instance Type:				Fuel Type2:	NULL
Instance Creation Dt:	7/19/2000 8:15:15 PM			Fuel Type3:	NULL
Instance Install Dt:	5/20/2009			Piping Steel:	
Item:				Piping Galvanized:	
Item Description:	FS Liquid Fuel Tank			Tank Single Wall St:	
Facility Type:	FS LIQUID FUEL TANK			Piping Underground:	
Overfill Prot Type:	NULL			Tank Underground:	
Creation Date:	7/5/2009 1:23:48 AM			Panam Related:	NULL
Expired Date:				Panam Venue Nm:	NULL
Manufacturer:	NULL				
Source:	FS Liquid Fuel Tank				
Description:	2009VBS UNDERGROUND TANK				
Serial No:	NULL				
Ulc Standard:	NULL				
Facility Location:	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	12 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	EXP
Instance No:	11106161			Model:	NULL
Status:	EXPIRED			Quantity:	1
Instance ID:				Unit of Measure:	EA
Instance Type:				Fuel Type2:	NULL
Instance Creation Dt:	7/19/2000 8:15:15 PM			Fuel Type3:	NULL
Instance Install Dt:	5/20/2009			Piping Steel:	
Item:				Piping Galvanized:	
Item Description:	FS Liquid Fuel Tank			Tank Single Wall St:	
Facility Type:	FS LIQUID FUEL TANK			Piping Underground:	
Overfill Prot Type:	NULL			Tank Underground:	
Creation Date:	7/5/2009 1:23:50 AM			Panam Related:	NULL
Expired Date:				Panam Venue Nm:	NULL
Manufacturer:	NULL				
Source:		FS Liquid Fuel Tank			
Description:		2009VBS			
		UNDERGROUND TANK			
Serial No:		NULL			
Ulc Standard:		NULL			
Facility Location:		256 RICHMOND RD AT TWEEDSMUIR AVE			
		OTTAWA K1Z 6W9 ON CA			

19	13 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	EXP
Instance No:	11106144			Model:	NULL
Status:	EXPIRED			Quantity:	1
Instance ID:				Unit of Measure:	EA
Instance Type:				Fuel Type2:	NULL
Instance Creation Dt:	7/19/2000 8:15:15 PM			Fuel Type3:	NULL
Instance Install Dt:	5/20/2009			Piping Steel:	
Item:				Piping Galvanized:	
Item Description:	FS Liquid Fuel Tank			Tank Single Wall St:	
Facility Type:	FS LIQUID FUEL TANK			Piping Underground:	
Overfill Prot Type:	NULL			Tank Underground:	
Creation Date:	7/5/2009 1:23:51 AM			Panam Related:	NULL
Expired Date:				Panam Venue Nm:	NULL
Manufacturer:	NULL				
Source:		FS Liquid Fuel Tank			
Description:		2009VBS			
		UNDERGROUND TANK			
Serial No:		NULL			
Ulc Standard:		NULL			
Facility Location:		256 RICHMOND RD AT TWEEDSMUIR AVE			
		OTTAWA K1Z 6W9 ON CA			

19	14 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	EXP
Instance No:	11106181			Model:	NULL
Status:	EXPIRED			Quantity:	1
Instance ID:				Unit of Measure:	EA
Instance Type:				Fuel Type2:	NULL
Instance Creation Dt:	7/19/2000 8:15:15 PM			Fuel Type3:	NULL
Instance Install Dt:	5/20/2009			Piping Steel:	
Item:				Piping Galvanized:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Item Description:	FS Liquid Fuel Tank			Tank Single Wall St:	
Facility Type:	FS LIQUID FUEL TANK			Piping Underground:	
Overfill Prot Type:	NULL			Tank Underground:	
Creation Date:	7/5/2009 1:23:53 AM			Panam Related:	NULL
Expired Date:				Panam Venue Nm:	NULL
Manufacturer:	NULL				
Source:	FS Liquid Fuel Tank				
Description:	2009VBS UNDERGROUND TANK				
Serial No:	NULL				
Ulc Standard:	NULL				
Facility Location:	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				

19	15 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 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	FST
Instance No:	64732585			Manufacturer:	NULL
Status:	Active			Serial No:	NULL
Cont Name:				Ulc Standard:	NULL
Instance Type:	FS Liquid Fuel Tank			Quantity:	1
Item:	FS LIQUID FUEL TANK			Unit of Measure:	EA
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Double Wall UST			Fuel Type2:	NULL
Install Date:	6/7/2016 10:39:25 AM			Fuel Type3:	NULL
Install Year:	2016			Piping Steel:	
Years in Service:	NULL			Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	75000			Num Underground:	
Tank Material:	Fiberglass (FRP)			Panam Related:	NULL
Corrosion Protect:	Fiberglass			Panam Venue:	NULL
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:	FS Gasoline Station - Self Serve				
Facility Location:	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				
Device Installed Location:	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				
<u>Fuel Storage Tank Details</u>					
Owner Account Name:	MAC'S CONVENIENCE STORES INC				
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:	Gravity				
Owner Account Name:	MAC'S CONVENIENCE STORES INC				

19	16 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 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA ON	FST
Instance No:	64732587			Manufacturer:	NULL
Status:	Active			Serial No:	NULL
Cont Name:				Ulc Standard:	NULL
Instance Type:	FS Liquid Fuel Tank			Quantity:	1
Item:	FS LIQUID FUEL TANK			Unit of Measure:	EA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Item Description:	FS Liquid Fuel Tank			Fuel Type: Diesel	
Tank Type:	Double Wall UST			Fuel Type2: Gasoline	
Install Date:	6/7/2016 10:40:25 AM			Fuel Type3: NULL	
Install Year:	2016			Piping Steel:	
Years in Service:	NULL			Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	65000			Num Underground:	
Tank Material:	Fiberglass (FRP)			Panam Related: NULL	
Corrosion Protect:	Fiberglass			Panam Venue: NULL	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:	FS Gasoline Station - Self Serve				
Facility Location:	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				
Device Installed Location:	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				

Fuel Storage Tank Details

Owner Account Name: MAC'S CONVENIENCE STORES INC

Liquid Fuel Tank Details

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

19	17 of 24	SSE/62.1	67.8 / 1.09	MAC'S CONVENIENCE STORES INC 256 RICHMOND RD,AT TWEEDSMUIR AVE, OTTAWA,ON,K1Z 6W9,CA ON	INC
Incident No:	1713868			Any Health Impact:	
Incident ID:				Any Enviro Impact:	
Instance No:	9911539			Service Interrupted:	
Status Code:				Was Prop Damaged:	
Attribute Category:	FS-Incident			Reside App. Type:	
Context:	FS Facility			Commer App. Type:	
Date of Occurrence:	9/2/2015			Indus App. Type:	
Time of Occurrence:				Institut App. Type:	
Incident Created On:	9/2/2015			Venting Type:	
Instance Creation Dt:	1/29/1992			Vent Conn Mater:	
Instance Install Dt:	1/29/1992			Vent Chimney Mater:	
Occur Insp Start Date:				Pipeline Type:	
Approx Quant Rel:				Pipeline Involved:	
Tank Capacity:				Pipe Material:	
Fuels Occur Type:				Depth Ground Cover:	
Fuel Type Involved:				Regulator Location:	
Enforcement Policy:				Regulator Type:	
Prc Escalation Req:				Operation Pressure:	
Tank Material Type:				Liquid Prop Make:	
Tank Storage Type:				Liquid Prop Model:	
Tank Location Type:				Liquid Prop Serial No:	
Pump Flow Rate Cap:				Liquid Prop Notes:	
Task No:				Equipment Type:	
Notes:				Equipment Model:	
Drainage System:				Serial No:	
Sub Surface Contam.:				Cylinder Capacity:	
Aff Prop Use Water:				Cylinder Cap Units:	
Contam. Migrated:				Cylinder Mat Type:	
Contact Natural Env:				Near Body of Water:	
Incident Location:	256 RICHMOND RD,AT TWEEDSMUIR AVE,OTTAWA,ON,K1Z 6W9,CA				
Occurrence Narrative:					
Operation Type Involved:					
Item:	FS GASOLINE STATION - SELF SERVE				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Item Description:		FS Gasoline Station - Self Serve			
Device Installed Location:		256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA			
19	18 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	EXP
Instance No:	11515366	Model:	NULL	Quantity:	1
Status:	Inactive	Unit of Measure:	EA	Fuel Type2:	NULL
Instance ID:		Fuel Type3:	NULL	Piping Steel:	
Instance Type:		Piping Galvanized:		Tank Single Wall St:	
Instance Creation Dt:	7/19/2000 8:15:15 PM	Piping Underground:		Tank Underground:	
Instance Install Dt:	5/20/2009	Panam Related:	NULL	Panam Venue Nm:	NULL
Item:					
Item Description:	FS Liquid Fuel Tank				
Facility Type:	FS LIQUID FUEL TANK				
Overfill Prot Type:	NULL				
Creation Date:	7/5/2009 1:25:49 AM				
Expired Date:					
Manufacturer:	NULL				
Source:	FS Liquid Fuel Tank				
Description:	2009VBS				
Serial No:	NULL				
Ulc Standard:	NULL				
Facility Location:	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				
19	19 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	EXP
Instance No:	11515358	Model:	NULL	Quantity:	1
Status:	Inactive	Unit of Measure:	EA	Fuel Type2:	NULL
Instance ID:		Fuel Type3:	NULL	Piping Steel:	
Instance Type:		Piping Galvanized:		Tank Single Wall St:	
Instance Creation Dt:	7/19/2000 8:15:15 PM	Piping Underground:		Tank Underground:	
Instance Install Dt:	5/20/2009	Panam Related:	NULL	Panam Venue Nm:	NULL
Item:					
Item Description:	FS Liquid Fuel Tank				
Facility Type:	FS LIQUID FUEL TANK				
Overfill Prot Type:	NULL				
Creation Date:	7/5/2009 1:25:44 AM				
Expired Date:					
Manufacturer:	NULL				
Source:	FS Liquid Fuel Tank				
Description:	2009VBS				
Serial No:	NULL				
Ulc Standard:	NULL				
Facility Location:	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				
19	20 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:	11106181	Manufacturer:		Serial No:	
Status:		Ulc Standard:		Quantity:	
Cont Name:					
Instance Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Item:	FS LIQUID FUEL TANK			Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	5/20/2009			Fuel Type3:	NULL
Install Year:	1974			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	22600			Num Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				

Fuel Storage Tank Details

Owner Account Name: MAC'S CONVENIENCE STORES INC

19	21 of 24	SSE/62.1	67.8 / 1.09	256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA ON K1Z 6W9	FST
Instance No:	9911539			Manufacturer:	
Status:	Active			Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:	FS GASOLINE STATION - SELF SERVE			Unit of Measure:	
Item Description:				Fuel Type:	
Tank Type:				Fuel Type2:	
Install Date:				Fuel Type3:	
Install Year:				Piping Steel:	0
Years in Service:				Piping Galvanized:	0
Model:				Tanks Single Wall St:	0
Description:				Piping Underground:	3
Capacity:				Num Underground:	4
Tank Material:				Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:					
Parent Facility Type:					
Facility Location:					
Device Installed Location:					

19	22 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:	11106196			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:	FS LIQUID FUEL TANK			Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	5/20/2009			Fuel Type3:	NULL
Install Year:	1974			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	22600			Num Underground:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tank Material: Steel Corrosion Protect: Overfill Protect: Facility Type: FS Liquid Fuel Tank Parent Facility Type: Facility Location: Device Installed Location: 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				Panam Related: Panam Venue:	
<u>Fuel Storage Tank Details</u>					
Owner Account Name:		MAC'S CONVENIENCE STORES INC			

19	23 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: 11106144 Status: Cont Name: Instance Type: Item: FS LIQUID FUEL TANK Item Description: FS Liquid Fuel Tank Tank Type: Liquid Fuel Single Wall UST Install Date: 5/20/2009 Install Year: 1974 Years in Service: Model: NULL Description: Capacity: 22600 Tank Material: Steel Corrosion Protect: Overfill Protect: Facility Type: FS Liquid Fuel Tank Parent Facility Type: Facility Location: Device Installed Location: 256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA				Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Gasoline Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:	
<u>Fuel Storage Tank Details</u>					
Owner Account Name:		MAC'S CONVENIENCE STORES INC			

19	24 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: 11106161 Status: Cont Name: Instance Type: Item: FS LIQUID FUEL TANK Item Description: FS Liquid Fuel Tank Tank Type: Liquid Fuel Single Wall UST Install Date: 5/20/2009 Install Year: 1974 Years in Service: Model: NULL Description: Capacity: 22600 Tank Material: Steel Corrosion Protect: Overfill Protect:				Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Gasoline Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:					
Facility Location:		256 RICHMOND RD AT TWEEDSMUIR AVE OTTAWA K1Z 6W9 ON CA			
Device Installed Location:					

Fuel Storage Tank Details

Owner Account Name: MAC'S CONVENIENCE STORES INC

20 1 of 1 **SE/64.9** **67.8 / 1.12** **TWEEDSMURI NORTH OF RICHMOND RD.**
Ottawa ON **WWIS**

Well ID:	7136558	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Monitoring	Date Received:	12/21/2009
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	7241
Casing Material:		Form Version:	7
Audit No:	Z106622	Owner:	
Tag:	A092322	Street Name:	TWEEDSMURI NORTH OF RICHMOND RD.
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/7137136558.pdf

Additional Detail(s) (Map)

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

Bore Hole Information

Bore Hole ID:	1002903277	Elevation:	68.099342
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441301.00
Code OB Desc:		North83:	5026945.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	05-Nov-2009 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003094007			
Layer:		3			
Plug From:		9			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003094006			
Layer:		2			
Plug From:		0.5			
Plug To:		9			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003094005			
Layer:		1			
Plug From:		0			
Plug To:		0.5			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003094012			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003094002			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003094009			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		10			
Casing Diameter:		1.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1003094010			
Layer:		1			
Slot:		10			
Screen Top Depth:		10			
Screen End Depth:		20			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.5			
<u>Water Details</u>					
Water ID:		1003094008			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1003094004			
Diameter:		3.25			
Depth From:		0.0			
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

21	1 of 1	ESE/65.2	66.8 / 0.04	TWEEDSMUIR R NORTH OF RICHMOND RD. ON	WWIS
Well ID:	7136559			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	12/21/2009
Sec. Water Use:				Selected Flag:	True
Final Well Status:	0			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z106623			Owner:	
Tag:	A092413			Street Name:	TWEEDSMUIR R NORTH OF RICHMOND RD.
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7136559.pdf

Additional Detail(s) (Map)

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

Bore Hole Information

Bore Hole ID: 1002903280 Elevation: 68.496704
DP2BR: Elevrc:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	18
Code OB:				East83:	441308.00
Code OB Desc:				North83:	5026953.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	05-Nov-2009 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:				1003094018	
Layer:				2	
Plug From:				0.5	
Plug To:				11	
Plug Depth UOM:				ft	
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:				1003094019	
Layer:				3	
Plug From:				11	
Plug To:				22	
Plug Depth UOM:				ft	
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:				1003094017	
Layer:				1	
Plug From:				0	
Plug To:				0.5	
Plug Depth UOM:				ft	
<u>Method of Construction & Well Use</u>					
Method Construction ID:				1003094024	
Method Construction Code:				5	
Method Construction:				Air Percussion	
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:				1003094014	
Casing No:				0	
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:				1003094021	
Layer:				1	
Material:				5	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		12			
Casing Diameter:		1.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1003094022			
Layer:		1			
Slot:		10			
Screen Top Depth:		12			
Screen End Depth:		22			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.5			
<u>Water Details</u>					
Water ID:		1003094020			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1003094016			
Diameter:		3.25			
Depth From:		0.0			
Depth To:		22.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

22	1 of 26	ESE/73.1	66.8 / 0.06	PETRO-CANADA 236 RICHMOND ROAD SERVICE STATION OTTAWA CITY ON K1Z 6W6	SPL
Ref No:	99874			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	5/14/1994			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	CONTAINER OVERFLOW			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	CONFIRMED			Site Municipality:	20101
Nature of Impact:	Soil contamination			Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	OTTAWA POLICE, WORKS DEPT.
Dt MOE Arvl on Scr:				Site Geo Ref Accu:	
MOE Reported Dt:	5/14/1994			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	ERROR			Source Type:	
Site Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site County/District: Site Geo Ref Meth: Incident Summary: PETRO-CANADA: WASTE OIL OVERFLOWED FROM TANK ON- TO STREETS. CLEANED UP. Contaminant Qty:					
22	2 of 26	ESE/73.1	66.8 / 0.06	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON K1Z 6W6	PRT
Location ID: 11057 Type: retail Expiry Date: 1995-06-30 Capacity (L): 0 Licence #: 0021760001					
22	3 of 26	ESE/73.1	66.8 / 0.06	NICK'S SERVICE CENTRE 236 RICHMOND RD OTTAWA ON K1Z6W6	RST
Headcode: 1186800 Headcode Desc: Service Stations-Gasoline, Oil & Natural Gas Phone: 6137291122 List Name: Description:					
22	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 Expired Fuel Safety Facilities</u> Instance No: 9545808 Status: EXPIRED Instance ID: Instance Type: FS Facility Description: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 6/2/2001 Original Source: EXP Record Date: Up to May 2013					
22	5 of 26	ESE/73.1	66.8 / 0.06	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u> Instance No: 11342180 Status: EXPIRED Instance ID: 79662 Instance Type: FS Piping Description: FS Piping					

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

22	6 of 26	ESE/73.1	66.8 / 0.06	BELWINDY ENT LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	FST
Instance No:	11464568	Manufacturer:	NULL	Serial No:	NULL
Status:	Active	Ulc Standard:	NULL	Quantity:	1
Cont Name:		Unit of Measure:	EA	Fuel Type:	Gasoline
Instance Type:	FS Liquid Fuel Tank	Fuel Type2:	NULL	Fuel Type3:	NULL
Item:	FS LIQUID FUEL TANK	Piping Steel:		Piping Galvanized:	
Item Description:	FS Liquid Fuel Tank	Tanks Single Wall St:		Piping Underground:	
Tank Type:	Single Wall Horizontal AST	Num Underground:		Panam Related:	NULL
Install Date:	9/17/1996	Panam Venue:	NULL		
Install Year:	1996				
Years in Service:	14.5				
Model:	NULL				
Description:					
Capacity:	35000				
Tank Material:	Steel				
Corrosion Protect:	Coating				
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:	FS Gasoline Station - Split Serve				
Facility Location:	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA				
Device Installed Location:	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA				

Fuel Storage Tank Details

Owner Account Name: BELWINDY ENT LTD

Liquid Fuel Tank Details

Overfill Protection: NULL
Owner Account Name: BELWINDY ENT LTD

22	7 of 26	ESE/73.1	66.8 / 0.06	BELWINDY ENT LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	FST
Instance No:	11464549	Manufacturer:	NULL	Serial No:	NULL
Status:	Active	Ulc Standard:	NULL	Quantity:	1
Cont Name:		Unit of Measure:	EA	Fuel Type:	Gasoline
Instance Type:	FS Liquid Fuel Tank	Fuel Type2:	NULL	Fuel Type3:	NULL
Item:	FS LIQUID FUEL TANK	Piping Steel:		Piping Galvanized:	
Item Description:	FS Liquid Fuel Tank	Tanks Single Wall St:		Piping Underground:	
Tank Type:	Single Wall Horizontal AST	Num Underground:		Panam Related:	NULL
Install Date:	9/17/1996	Panam Venue:	NULL		
Install Year:	1996				
Years in Service:	14.5				
Model:	NULL				
Description:					
Capacity:	35000				
Tank Material:	Steel				
Corrosion Protect:	Coating				
Overfill Protect:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:		FS Gasoline Station - Split Serve			
Facility Location:		236 RICHMOND RD OTTAWA K1Z 6W6 ON CA			
Device Installed Location:		236 RICHMOND RD OTTAWA K1Z 6W6 ON CA			
<u>Fuel Storage Tank Details</u>					
Owner Account Name:		BELWINDY ENT LTD			
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:		NULL			
Owner Account Name:		BELWINDY ENT LTD			
22	8 of 26	ESE/73.1	66.8 / 0.06	BELWINDY ENT LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	FST
Instance No:		11464589		Manufacturer: NULL	
Status:		Active		Serial No: NULL	
Cont Name:				Ulc Standard: NULL	
Instance Type:		FS Liquid Fuel Tank		Quantity: 1	
Item:		FS LIQUID FUEL TANK		Unit of Measure: EA	
Item Description:		FS Liquid Fuel Tank		Fuel Type: Gasoline	
Tank Type:		Single Wall Horizontal AST		Fuel Type2: NULL	
Install Date:		9/17/1996		Fuel Type3: NULL	
Install Year:		1996		Piping Steel:	
Years in Service:		14.5		Piping Galvanized:	
Model:		NULL		Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:		25000		Num Underground:	
Tank Material:		Steel		Panam Related: NULL	
Corrosion Protect:		Coating		Panam Venue: NULL	
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:		FS Gasoline Station - Split Serve			
Facility Location:		236 RICHMOND RD OTTAWA K1Z 6W6 ON CA			
Device Installed Location:		236 RICHMOND RD OTTAWA K1Z 6W6 ON CA			
<u>Fuel Storage Tank Details</u>					
Owner Account Name:		BELWINDY ENT LTD			
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:		NULL			
Owner Account Name:		BELWINDY ENT LTD			

22	9 of 26	ESE/73.1	66.8 / 0.06	Enbridge Gas Distribution Inc. 238 Richmond Road Ottawa ON	SPL
Ref No:		5783-9BFKW3		Discharger Report:	
Site No:				Material Group:	
Incident Dt:		2013/09/11		Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:		Leak/Break		Sector Type: Pipeline/Components	
Incident Event:				Agency Involved:	
Contaminant Code:		35		Nearest Watercourse:	
Contaminant Name:		NATURAL GAS (METHANE)		Site Address: 238 Richmond Road	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Air Pollution Receiving Medium: Receiving Env: MOE Response: Referral to others Dt MOE Arvl on Scn: MOE Reported Dt: 2013/09/11 Dt Document Closed:				Site District Office: Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill	
Incident Reason: Operator/Human Error Site Name: line damage<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Enbridge: 1" steel service damage, still blowing Contaminant Qty: 1 m ³				Source Type:	

22	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: 11342118 Status: EXPIRED Instance ID: Instance Type: Instance Creation Dt: 10/2/1989 Instance Install Dt: 10/2/1989 Item: Item Description: FS Liquid Fuel Tank Facility Type: FS LIQUID FUEL TANK Overfill Prot Type: NULL Creation Date: 7/5/2009 1:24:46 AM Expired Date: Manufacturer: NULL Source: FS Liquid Fuel Tank Description: NULL Serial No: NULL Ulc Standard: NULL Facility Location: 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA				Model: NULL Quantity: 1 Unit of Measure: EA Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: NULL Panam Venue Nm: NULL	

22	11 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: 11342159 Status: EXPIRED Instance ID: Instance Type: Instance Creation Dt: 10/2/1989 Instance Install Dt: 10/2/1989 Item: Item Description: FS Liquid Fuel Tank Facility Type: FS LIQUID FUEL TANK Overfill Prot Type: NULL Creation Date: 7/5/2009 1:24:49 AM Expired Date: Manufacturer: NULL Source: FS Liquid Fuel Tank Description: NULL Serial No: NULL				Model: NULL Quantity: 1 Unit of Measure: EA Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: NULL Panam Venue Nm: NULL	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ulc Standard:		NULL			
Facility Location:		236 RICHMOND RD OTTAWA K1Z 6W6 ON CA			
22	12 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:	11342096	Model:	NULL	Quantity:	1
Status:	EXPIRED	Unit of Measure:	EA	Fuel Type2:	NULL
Instance ID:		Fuel Type3:	NULL	Piping Steel:	
Instance Type:		Piping Galvanized:		Tank Single Wall St:	
Instance Creation Dt:	10/2/1989	Tank Underground:		Panam Related:	NULL
Instance Install Dt:	10/2/1989	Panam Venue Nm:	NULL		
Item:					
Item Description:	FS Liquid Fuel Tank				
Facility Type:	FS LIQUID FUEL TANK				
Overfill Prot Type:	NULL				
Creation Date:	7/5/2009 1:24:51 AM				
Expired Date:					
Manufacturer:	NULL				
Source:	FS Liquid Fuel Tank				
Description:	NULL				
Serial No:	NULL				
Ulc Standard:	NULL				
Facility Location:	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA				
22	13 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:	11342137	Model:	NULL	Quantity:	1
Status:	EXPIRED	Unit of Measure:	EA	Fuel Type2:	NULL
Instance ID:		Fuel Type3:	NULL	Piping Steel:	
Instance Type:		Piping Galvanized:		Tank Single Wall St:	
Instance Creation Dt:	10/2/1989	Tank Underground:		Panam Related:	NULL
Instance Install Dt:	10/2/1989	Panam Venue Nm:	NULL		
Item:					
Item Description:	FS Liquid Fuel Tank				
Facility Type:	FS LIQUID FUEL TANK				
Overfill Prot Type:	NULL				
Creation Date:	7/5/2009 1:24:52 AM				
Expired Date:					
Manufacturer:	NULL				
Source:	FS Liquid Fuel Tank				
Description:	NULL				
Serial No:	NULL				
Ulc Standard:	NULL				
Facility Location:	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA				
22	14 of 26	ESE/73.1	66.8 / 0.06	TWEDSMUIR AND MAIN URBAN PROPERTIES INC. 236 RICHMOND ROAD, OTTAWA, ON K1Z 6W6 Ottawa ON	RSC
RSC ID:	223185	Cert Date:		Cert Prop Use No:	
RA No:		Intended Prop Use:	Residential	Qual Person Name:	MARK D'ARCY
RSC Type:	Phase 1 and 2 RSC	Stratified (Y/N):		Audit (Y/N):	
Curr Property Use:	Commercial				
Ministry District:	Ottawa District Office				
Filing Date:	2017/04/27				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Ack: Date Returned: Restoration Type: Soil Type: Criteria: CPU Issued Sect 1686: Asmt Roll No: Prop ID No (PIN): Property Municipal Address: Mailing Address: Latitude & Longitude: UTM Coordinates: Consultant: Legal Desc: Measurement Method: Applicable Standards: RSC PDF:		0614084401014000000 04021-0169 (LT) 236 RICHMOND ROAD, OTTAWA, ON K1Z 6W6		Entire Leg Prop. (Y/N): Accuracy Estimate: Telephone: Fax: Email:	
Document(s) Detail					
Document Heading:		Supporting Documents			
Document Name:		Plan of survey.pdf			
Document Type:		A Current plan of Survey			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77808&fileName=Plan+of+survey.pdf			
Document Heading:		Supporting Documents			
Document Name:		Past and Current Use.pdf			
Document Type:		Table of Current and Past Property Use			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77816&fileName=Past+and+Current+Use.pdf			
Document Heading:		Supporting Documents			
Document Name:		Lawyer letter.pdf			
Document Type:		Lawyer's letter consisting of a legal description of the property			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77814&fileName=Lawyer+letter.pdf			
Document Heading:		Supporting Documents			
Document Name:		Transfer.pdf			
Document Type:		Copy of any deed(s), transfer(s) or other document(s)			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77812&fileName=Transfer.pdf			
Document Heading:		Supporting Documents			
Document Name:		PhaseTwo.pdf			
Document Type:		Phase 2 Conceptual Site Model			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=80018&fileName=PhaseTwo.pdf			
Document Heading:		Supporting Documents			
Document Name:		Table of APECS.pdf			
Document Type:		Area(s) of Potential Environmental Concern			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77815&fileName=Table+of+APECS.pdf			
Document Heading:		Supporting Documents			
Document Name:		Cert of Status.pdf			
Document Type:		Certificate of Status			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=77813&fileName=Cert+of+Status.pdf			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	15 of 26	ESE/73.1	66.8 / 0.06	Tweedsmuir and Main Urban Properties Inc. 236 RICHMOND ROAD OTTAWA ON K1Z 6W6	GEN
Generator No:	ON3753609			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	447110				
SIC Description:	447110				
Detail(s)					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
22	16 of 26	ESE/73.1	66.8 / 0.06	236 Richmond Rd Ottawa ON K1Z6W6	EHS
Order No:	20171218059			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	21-DEC-17			Search Radius (km):	.25
Date Received:	18-DEC-17			X:	-75.749577
Previous Site Name:				Y:	45.393722
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
22	17 of 26	ESE/73.1	66.8 / 0.06	236 Richmond Road Ottawa ON K1Z 6W6	EHS
Order No:	20191128071			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Site Report			Client Prov/State:	ON
Report Date:	29-NOV-19			Search Radius (km):	.001
Date Received:	28-NOV-19			X:	-75.749577
Previous Site Name:				Y:	45.393722
Lot/Building Size:					
Additional Info Ordered:					
22	18 of 26	ESE/73.1	66.8 / 0.06	236 Richmond Road Ottawa ON K1Z 6W6	EHS
Order No:	20191128071			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Site Report			Client Prov/State:	ON
Report Date:	29-NOV-19			Search Radius (km):	.001
Date Received:	28-NOV-19			X:	-75.749577
Previous Site Name:				Y:	45.393722
Lot/Building Size:					
Additional Info Ordered:					
22	19 of 26	ESE/73.1	66.8 / 0.06	236 Richmond Road Ottawa ON K1Z 6W6	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No:	20191128071			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Site Report			Client Prov/State:	ON
Report Date:	29-NOV-19			Search Radius (km):	.001
Date Received:	28-NOV-19			X:	-75.749577
Previous Site Name:				Y:	45.393722
Lot/Building Size:					
Additional Info Ordered:					

<u>22</u>	20 of 26	ESE/73.1	66.8 / 0.06	236 RICHMOND RD OTTAWA K1Z 6W6 ON	EXP
Instance No:	10164510			Model:	
Status:	Customer Shutdown			Quantity:	
Instance ID:				Unit of Measure:	
Instance Type:				Fuel Type2:	
Instance Creation Dt:				Fuel Type3:	
Instance Install Dt:				Piping Steel:	0
Item:	FS GASOLINE STATION - SPLIT SERVE			Piping Galvanized:	0
Item Description:				Tank Single Wall St:	0
Facility Type:				Piping Underground:	0
Overfill Prot Type:				Tank Underground:	0
Creation Date:				Panam Related:	
Expired Date:				Panam Venue Nm:	
Manufacturer:					
Source:	FS All Facility				
Description:					
Serial No:					
Ulc Standard:					
Facility Location:	236 RICHMOND RD OTTAWA K1Z 6W6				

<u>22</u>	21 of 26	ESE/73.1	66.8 / 0.06	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	FST
Instance No:	11342159			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:	FS LIQUID FUEL TANK			Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	10/2/1989			Fuel Type3:	NULL
Install Year:	NULL			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	22700			Num Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA				
<u>Fuel Storage Tank Details</u>					
Owner Account Name:	NICK ROSSOLATOS SERVICE CENTRE LTD				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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22	22 of 26	ESE/73.1	66.8 / 0.06	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	FST
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Instance No:	11342137	Manufacturer:	
Status:		Serial No:	
Cont Name:		Ulc Standard:	
Instance Type:		Quantity:	
Item:	FS LIQUID FUEL TANK	Unit of Measure:	
Item Description:	FS Liquid Fuel Tank	Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST	Fuel Type2:	NULL
Install Date:	10/2/1989	Fuel Type3:	NULL
Install Year:	NULL	Piping Steel:	
Years in Service:		Piping Galvanized:	
Model:	NULL	Tanks Single Wall St:	
Description:		Piping Underground:	
Capacity:	22700	Num Underground:	
Tank Material:	Steel	Panam Related:	
Corrosion Protect:		Panam Venue:	
Overfill Protect:			
Facility Type:	FS Liquid Fuel Tank		
Parent Facility Type:			
Facility Location:			
Device Installed Location:	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA		

Fuel Storage Tank Details

Owner Account Name: NICK ROSSOLATOS SERVICE CENTRE LTD

22	23 of 26	ESE/73.1	66.8 / 0.06	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	FST
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Instance No:	11342096	Manufacturer:	
Status:		Serial No:	
Cont Name:		Ulc Standard:	
Instance Type:		Quantity:	
Item:	FS LIQUID FUEL TANK	Unit of Measure:	
Item Description:	FS Liquid Fuel Tank	Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST	Fuel Type2:	NULL
Install Date:	10/2/1989	Fuel Type3:	NULL
Install Year:	NULL	Piping Steel:	
Years in Service:		Piping Galvanized:	
Model:	NULL	Tanks Single Wall St:	
Description:		Piping Underground:	
Capacity:	22700	Num Underground:	
Tank Material:	Steel	Panam Related:	
Corrosion Protect:		Panam Venue:	
Overfill Protect:			
Facility Type:	FS Liquid Fuel Tank		
Parent Facility Type:			
Facility Location:			
Device Installed Location:	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA		

Fuel Storage Tank Details

Owner Account Name: NICK ROSSOLATOS SERVICE CENTRE LTD

22	24 of 26	ESE/73.1	66.8 / 0.06	NICK ROSSOLATOS SERVICE CENTRE LTD 236 RICHMOND RD OTTAWA K1Z 6W6 ON CA ON	FST
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Instance No:	11342118	Manufacturer:	
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:	FS LIQUID FUEL TANK			Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	10/2/1989			Fuel Type3:	NULL
Install Year:	NULL			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	22700			Num Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	236 RICHMOND RD OTTAWA K1Z 6W6 ON CA				

Fuel Storage Tank Details

Owner Account Name: NICK ROSSOLATOS SERVICE CENTRE LTD

<u>22</u>	25 of 26	ESE/73.1	66.8 / 0.06	PIPELINE HIT - 1" 238 RICHMOND ROAD,,OTTAWA,ON,K1Z 6W6, CA ON	PINC
Incident ID:				Fuel Category:	
Incident No:	1175726			Health Impact:	
Incident Reported Dt:	9/11/2013			Environment Impact:	
Type:	FS-Pipeline Incident			Property Damage:	
Status Code:				Service Interrupt:	
Customer Acct Name:	PIPELINE HIT - 1"			Enforce Policy:	
Incident Address:	238 RICHMOND ROAD,,OTTAWA,ON,K1Z 6W6,CA			Public Relation:	
Tank Status:	Not Investigated			Pipeline System:	
Task No:				Depth:	
Spills Action Centre:				Pipe Material:	
Fuel Type:				PSIG:	
Fuel Occurrence Tp:				Attribute Category:	
Date of Occurrence:				Regulator Location:	
Occurrence Start Dt:				Method Details:	
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					

<u>22</u>	26 of 26	ESE/73.1	66.8 / 0.06	236 Richmond Road Ottawa ON K1Z 6W6	EHS
Order No:	20191128071			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Site Report			Client Prov/State:	ON
Report Date:	29-NOV-19			Search Radius (km):	.001
Date Received:	28-NOV-19			X:	-75.749577

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Previous Site Name:				Y:	45.393722
Lot/Building Size:					
Additional Info Ordered:					
23	1 of 1	ENE/74.6	65.8 / -0.88	Otto's Service Centre Limited 225/245 Richmond Road Ottawa ON	CA
Certificate #:		4317-6EAR9Z			
Application Year:		2005			
Issue Date:		7/15/2005			
Approval Type:		Air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
24	1 of 6	WSW/75.2	67.9 / 1.15	267 Richmond Rd OTTAWA ON	HINC
External File Num:		FS INC 0611-03751			
Fuel Occurrence Type:		Fire			
Date of Occurrence:		11/4/2006			
Fuel Type Involved:		Natural Gas			
Status Desc:		Completed - Causal Analysis(End)			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Commercial (e.g. restaurant, business unit, etc)			
Service Interruptions:		Yes			
Property Damage:		Yes			
Fuel Life Cycle Stage:		Utilization			
Root Cause:		Root Cause: Equipment/Material/Component:Yes Procedures:Yes Maintenance:Yes Design:No Training: No Management:No Human Factors:No			
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Member of the General Public			
County Name:		Prescott and Russell			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
24	2 of 6	WSW/75.2	67.9 / 1.15	850676 ontario Limited 267 Richmond Rd. Ottawa ON K1Z 6X3	GEN
Generator No:		ON6611485		PO Box No:	
Status:				Canada	
Approval Years:		2016		Country:	
Contam. Facility:		No		Choice of Contact:	
MHSW Facility:		No		Co Admin:	
SIC Code:		238160, 238170		Phone No Admin:	
SIC Description:		ROOFING CONTRACTORS, SIDING CONTRACTORS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
24	3 of 6	WSW/75.2	67.9 / 1.15	267 Richmond Road Ottawa ON K1Z 6X3	EHS
Order No:	20200507027		Nearest Intersection:		
Status:	C		Municipality:		
Report Type:	Standard Report		Client Prov/State: ON		
Report Date:	12-MAY-20		Search Radius (km): .25		
Date Received:	07-MAY-20		X: -75.7512305		
Previous Site Name:			Y: 45.3935097		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
24	4 of 6	WSW/75.2	67.9 / 1.15	267 Richmond Road Ottawa ON K1Z 6X3	EHS
Order No:	20200507027		Nearest Intersection:		
Status:	C		Municipality:		
Report Type:	Standard Report		Client Prov/State: ON		
Report Date:	12-MAY-20		Search Radius (km): .25		
Date Received:	07-MAY-20		X: -75.7512305		
Previous Site Name:			Y: 45.3935097		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
24	5 of 6	WSW/75.2	67.9 / 1.15	267 Richmond Road Ottawa ON K1Z 6X3	EHS
Order No:	20200507027		Nearest Intersection:		
Status:	C		Municipality:		
Report Type:	Standard Report		Client Prov/State: ON		
Report Date:	12-MAY-20		Search Radius (km): .25		
Date Received:	07-MAY-20		X: -75.7512305		
Previous Site Name:			Y: 45.3935097		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
24	6 of 6	WSW/75.2	67.9 / 1.15	267 Richmond Road Ottawa ON K1Z 6X3	EHS
Order No:	20200507027		Nearest Intersection:		
Status:	C		Municipality:		
Report Type:	Standard Report		Client Prov/State: ON		
Report Date:	12-MAY-20		Search Radius (km): .25		
Date Received:	07-MAY-20		X: -75.7512305		
Previous Site Name:			Y: 45.3935097		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
25	1 of 1	ESE/78.4	66.8 / 0.06	236 Richmond Road Ottawa ON K1Z 6W6	EHS
Order No:	20191128071		Nearest Intersection:		
Status:	C		Municipality:		

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

26	1 of 1	SSE/83.1	67.8 / 1.10	ON	WWIS
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Well ID:	7242470	Data Entry Status:	Yes
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	6/5/2015
Sec. Water Use:		Selected Flag:	True
Final Well Status:		Abandonment Rec:	
Water Type:		Contractor:	6964
Casing Material:		Form Version:	8
Audit No:	C28556	Owner:	
Tag:	A147242	Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

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

Bore Hole Information

Bore Hole ID:	1005397364	Elevation:	68.511634
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441276.00
Code OB Desc:		North83:	5026910.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11-Nov-2014 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

27	1 of 1	SW/85.9	67.8 / 1.11	270 Richmond Rd	EHS
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ottawa ON K1Z6X2					
Order No:	20170424040			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	28-APR-17			Search Radius (km):	.25
Date Received:	24-APR-17			X:	-75.750994
Previous Site Name:				Y:	45.393267
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				

<u>28</u>	1 of 1	ESE/87.4	67.9 / 1.14	ON	BORE
Borehole ID:	613016			Inclin FLG:	No
OGF ID:	215514321			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	JUL-1958			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.393583
Total Depth m:	35.1			Longitude DD:	-75.74954
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	441331
Drill Method:				Northing:	5026947
Orig Ground Elev m:	68.6			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	68.8				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218393376	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	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:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	CLAY.		
Geology Stratum ID:	218393377	Mat Consistency:	Compact
Top Depth:	6.1	Material Moisture:	
Bottom Depth:	35.1	Material Texture:	Fine
Material Color:	Brown	Non Geo Mat Type:	
Material 1:	Limestone	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	LIMESTONE. GREY. 00110SPECIFIED. SAND. BROWN,COMPACT. SAND-FINE. COMPACT. COMPACT. BEDR **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 05524 NTS_Sheet:				
Confiden 1:					
<u>Source List</u>					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

[29](#) 1 of 1 **ESE/87.6** **67.9 / 1.14** **ON** **WWIS**

Well ID:	1508932	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Commerical	Date Received:	8/5/1958
Sec. Water Use:	0	Selected Flag:	True
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3601
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508932.pdf

Additional Detail(s) (Map)

Well Completed Date:	1958/07/24
Year Completed:	1958
Depth (m):	35.052
Latitude:	45.393581055063
Longitude:	-75.7495392934668
Path:	150\1508932.pdf

Bore Hole Information

Bore Hole ID:	10030966	Elevation:	68.793540
DP2BR:	20.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	441330.70
Code OB Desc:	Bedrock	North83:	5026947.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:	24-Jul-1958 00:00:00			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931010990				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	20.0				
Formation End Depth:	115.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931010989				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	13				
Mat2 Desc:	BOULDERS				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	20.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961508932				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10579536				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930054562				
Layer:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:					
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		24			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930054563			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		115			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508932			
Pump Set At:					
Static Level:		35.0			
Final Level After Pumping:		60.0			
Recommended Pump Depth:					
Pumping Rate:		17.0			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
		No			
<u>Water Details</u>					
Water ID:		933463642			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		110.0			
Water Found Depth UOM:		ft			

[30](#) 1 of 1 W/91.4 67.0 / 0.32 ON WWIS

Well ID:	1532963	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	7/29/2002
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1119
Casing Material:		Form Version:	1
Audit No:	237915	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532963.pdf

Additional Detail(s) (Map)

Well Completed Date: 2002/06/21
Year Completed: 2002
Depth (m): 15.5448
Latitude: 45.3940080273414
Longitude: -75.7516836018212
Path: 153\1532963.pdf

Bore Hole Information

Bore Hole ID: 10529710 DP2BR: 4.00 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 21-Jun-2002 00:00:00 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	Elevation: 64.358665 Elevrc: Zone: 18 East83: 441163.30 North83: 5026996.00 Org CS: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: gis
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Overburden and Bedrock

Materials Interval

Formation ID: 932879768
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932879769
Layer: 2
Color: 2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4.0			
Formation End Depth:		51.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961532963			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11078280			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930095951			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:		8			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930095952			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930095953			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Results of Well Yield Testing

Pump Test ID: 991532963
Pump Set At:
Static Level: 13.0
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate: 1.0
Flowing Rate:
Recommended Pump Rate: 1.0
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: 934911761
Test Type: Recovery
Test Duration: 60
Test Level: 31.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934402144
Test Type: Recovery
Test Duration: 30
Test Level: 39.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934118530
Test Type: Recovery
Test Duration: 15
Test Level: 45.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934662664
Test Type: Recovery
Test Duration: 45
Test Level: 33.0
Test Level UOM: ft

31	1 of 1	WSW/95.4	67.9 / 1.14	277 RICHMOND RD Ottawa ON	WWIS
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Well ID: 7317351	Data Entry Status:
Construction Date:	Data Src:
Primary Water Use: Test Hole	Date Received: 8/20/2018
Sec. Water Use: Monitoring	Selected Flag: True
Final Well Status: Test Hole	Abandonment Rec:
Water Type:	Contractor: 7241
Casing Material:	Form Version: 7

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:	Z286616			Owner:	
Tag:	A215721			Street Name:	277 RICHMOND RD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2018/05/15
Year Completed: 2018
Depth (m):
Latitude: 45.3933797303451
Longitude: -75.7514108166544
Path:

Bore Hole Information

Bore Hole ID:	1007262292	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441184.00
Code OB Desc:		North83:	5026926.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	15-May-2018 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

Formation ID: 1007440905
Layer: 3
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth:
Formation End Depth:
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

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 Common Material:		FINE SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007440903			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		27			
Most Common Material:		OTHER			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:					
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007440914			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007440915			
Layer:		2			
Plug From:		1			
Plug To:		4			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007440916			
Layer:		3			
Plug From:		4			
Plug To:		15			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		1007440913			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007440902			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1007440910			
Layer:		1			
Slot:		10			
Screen Top Depth:		5			
Screen End Depth:		15			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.6599999666214			
<u>Water Details</u>					
Water ID:		1007440908			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1007440906			
Diameter:		2.875			
Depth From:		0.0			
Depth To:		11.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1007440907			
Diameter:		2.25			
Depth From:		11.0			
Depth To:		15.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

[32](#)

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
Site No:
Incident Dt: 5/11/2001
Year:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Event:

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Possible Nature of Impact: Human health Receiving Medium: Land Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 5/11/2001 Dt Document Closed: Incident Reason: OTHER Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: PRIVATE BUSINESS: 2L OIL SPILLED TO PARKING LOT. ABSORBED & CLEANED UP. Contaminant Qty:				Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20107 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	

32	2 of 6	ENE/96.2	65.9 / -0.85	Otto's Service Centre Limited 225/245 Richmond Road Ottawa Ontario K1Z 6W7 Ottawa ON	EBR
EBR Registry No: IA05E0818 Ministry Ref No: 4991-6CFLKE Notice Type: Instrument Decision Notice Stage: Notice Date: July 18, 2005 Proposal Date: May 18, 2005 Year: 2005 Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) Off Instrument Name: Posted By: Company Name: Otto's Service Centre Limited Site Address: Location Other: Proponent Name: Proponent Address: 225/245 Richmond Road, Ottawa Ontario, K1Z 6W7 Comment Period: URL:				Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:	
Site Location Details:					
225/245 Richmond Road Ottawa Ontario K1Z 6W7 Ottawa					

32	3 of 6	ENE/96.2	65.9 / -0.85	3526097 Canada Inc. 225 Richmond Road Ottawa ON K1Z 6W7	CA
Certificate #: 1590-6AZS46 Application Year: 2005 Issue Date: 4/8/2005 Approval Type: Industrial Sewage Works Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Description:					
Contaminants:					
Emission Control:					
32	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 Registry No:	011-3451			Decision Posted:	
Ministry Ref No:	6476-8GCJEX			Exception Posted:	
Notice Type:	Instrument Decision			Section:	
Notice Stage:				Act 1:	
Notice Date:	October 27, 2011			Act 2:	
Proposal Date:	May 03, 2011			Site Location Map:	
Year:	2011				
Instrument Type:	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)				
Off Instrument Name:					
Posted By:					
Company Name:	Otto's Service Centre Limited				
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:	225 Richmond Road, Ottawa Ontario, Canada K1Z 6W7				
Comment Period:					
URL:					
Site Location Details:					
225 Richmond Road Ottawa K1Z 5H1 CITY OF OTTAWA					
32	5 of 6	ENE/96.2	65.9 / -0.85	Otto's Service Centre Limited 225/245 Richmond Road Ottawa ON K1Z 6W7	ECA
Approval No:	4317-6EAR9Z			MOE District:	Ottawa
Approval Date:	2005-07-15			City:	
Status:	Approved			Longitude:	-75.7495
Record Type:	ECA			Latitude:	45.394176
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-AIR				
Project Type:	AIR				
Business Name:	Otto's Service Centre Limited				
Address:	225/245 Richmond Road				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4991-6CFLKE-14.pdf				
32	6 of 6	ENE/96.2	65.9 / -0.85	3526097 Canada Inc. 225 Richmond Road Ottawa ON K1Z 6W7	ECA
Approval No:	1590-6AZS46			MOE District:	Ottawa
Approval Date:	2005-04-08			City:	
Status:	Approved			Longitude:	-75.7495
Record Type:	ECA			Latitude:	45.394176
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Type:		INDUSTRIAL SEWAGE WORKS			
Business Name:		3526097 Canada Inc.			
Address:		225 Richmond Road			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/8292-699SSV-14.pdf			

33	1 of 2	E/101.2	67.0 / 0.26	222 Richmond Road Ottawa ON K1Z 6W6	SPL
Ref No:	0455-9X4RW5			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	5/3/2015			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Vandalism			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:	12			Nearest Watercourse:	
Contaminant Name:	GASOLINE			Site Address:	222 Richmond Road
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	K1Z 6W6
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:	Land			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	N			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	6/2/2015			Site Map Datum:	
Dt Document Closed:	6/4/2015			SAC Action Class:	Land Spills
Incident Reason:	Deliberate Act			Source Type:	
Site Name:	Vehicle collision with LCBO<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	LCBO: gasoline to CB - Duplicate See IR 2402-9X2CZ2				
Contaminant Qty:	1 other - see incident description				

33	2 of 2	E/101.2	67.0 / 0.26	222 Richmond Rd. Ottawa ON	SPL
Ref No:	2402-9X2CZ2			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	5/31/2015			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Vandalism			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	MOTOR OIL			Site Address:	222 Richmond Rd.
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:	Land			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	N			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	5/31/2015			Site Map Datum:	
Dt Document Closed:	6/4/2015			SAC Action Class:	Land Spills
Incident Reason:	Deliberate Act			Source Type:	
Site Name:	Private parking lot and cb<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Unknown SUV: motor oil to cb, vandalism				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Qty:		5 L			

[34](#) 1 of 1 WNW/104.9 65.9 / -0.87 SCOTT ST. / TWEEDSMUIR AVE. OTTAWA ON [WWIS](#)

Well ID:	7245885	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Monitoring	Date Received:	8/5/2015
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	6894
Casing Material:		Form Version:	7
Audit No:	Z180818	Owner:	
Tag:	A147999	Street Name:	SCOTT ST. / TWEEDSMUIR AVE.
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2015/07/23
Year Completed: 2015
Depth (m):
Latitude: 45.3944763658192
Longitude: -75.7516425402735
Path:

Bore Hole Information

Bore Hole ID:	1005537704	Elevation:	63.403900
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441167.00
Code OB Desc:		North83:	5027048.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	23-Jul-2015 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID: 1005643009
Layer: 1
Plug From: 0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		17			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005643008			
Layer:		1			
Plug From:		0			
Plug To:		17			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005643007			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005643000			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1005643005			
Layer:		1			
Slot:		015			
Screen Top Depth:		12			
Screen End Depth:		17			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.25			
<u>Water Details</u>					
Water ID:		1005643003			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		15.0			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1005643002			
Diameter:		1.25			
Depth From:		0.0			
Depth To:		17.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No:	20131018004			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	28-OCT-13			Search Radius (km):	.25
Date Received:	18-OCT-13			X:	-75.749364
Previous Site Name:				Y:	45.393444
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				

[36](#) 1 of 1 **WSW/107.4** **67.9 / 1.14** **281 RICHMOND RD** **WWIS**
Ottawa ON

Well ID:	7317352	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Test Hole	Date Received:	8/20/2018
Sec. Water Use:	Monitoring	Selected Flag:	True
Final Well Status:	Test Hole	Abandonment Rec:	
Water Type:		Contractor:	7241
Casing Material:		Form Version:	7
Audit No:	Z286614	Owner:	
Tag:	A215720	Street Name:	281 RICHMOND RD
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

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

Bore Hole Information

Bore Hole ID:	1007262295	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441175.00
Code OB Desc:		North83:	5026918.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	15-May-2018 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007440919			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		11.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007440920			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		11.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007440918			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		27			
Most Common Material:		OTHER			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007440931			
Layer:		3			
Plug From:		4			
Plug To:		15			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Plug ID:		1007440930			
Layer:		2			
Plug From:		1			
Plug To:		4			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007440929			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007440928			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007440917			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1007440925			
Layer:		1			
Slot:		10			
Screen Top Depth:		5			
Screen End Depth:		15			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.6599999666214			
<u>Water Details</u>					
Water ID:		1007440923			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1007440921			
Diameter:		2.875			
Depth From:		0.0			
Depth To:		11.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1007440922			
Diameter:		2.25			
Depth From:		11.0			
Depth To:		15.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
37	1 of 1	NW/110.9	65.9 / -0.78	FINE PRINT INC. 345A ATHLONE AVE OTTAWA ON K1Z 5M3	SCT
Established:		1986			
Plant Size (ft²):		400			
Employment:		1			
<u>--Details--</u>					
Description:		Stationery Product Manufacturing			
SIC/NAICS Code:		322230			
Description:		All Other Converted Paper Product Manufacturing			
SIC/NAICS Code:		322299			
Description:		Other Printing			
SIC/NAICS Code:		323119			
Description:		Support Activities for Printing			
SIC/NAICS Code:		323120			
Description:		Sign Manufacturing			
SIC/NAICS Code:		339950			
38	1 of 1	SSW/129.6	68.6 / 1.87	8596239 Canada Inc.<UNOFFICIAL> 400 Athlone Ave Ottawa ON	SPL
Ref No:	7053-9DKMY8			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	2013/11/14			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Vandalism			Sector Type:	Motor Vehicle
Incident Event:				Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	HYDRAULIC OIL			Site Address:	400 Athlone Ave
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Possible			Site Municipality:	Ottawa
Nature of Impact:	Soil Contamination			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2013/11/18			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Land Spills
Incident Reason:	Deliberate Act			Source Type:	
Site Name:	construction site<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	400 Athlone Ave: excavator fire, fuel & operating fluids				
Contaminant Qty:	0 other - see incident description				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
39	1 of 4	WSW/129.7	66.9 / 0.15	Y'S OWL CO-OPERATIVE INC 290 PICTON AVE OTTAWA ON K1Z 8P8	SCT
Established:		1981			
Plant Size (ft²):		8000			
Employment:		17			
--Details--					
Description:		PLASTICS PRODUCTS, N.E.C.			
SIC/NAICS Code:		3089			
39	2 of 4	WSW/129.7	66.9 / 0.15	Orezone Resources Inc. 290 Picton St Suite 201 Ottawa ON K1Z 8P8	SCT
Established:		1987			
Plant Size (ft²):					
Employment:		10			
39	3 of 4	WSW/129.7	66.9 / 0.15	Apption Software Inc. 290 Picton Ave Suite 104 Ottawa ON K1Z 8P8	SCT
Established:		01-NOV-04			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Computer Systems Design and Related Services			
SIC/NAICS Code:		541510			
Description:		Computer Systems Design and Related Services			
SIC/NAICS Code:		541510			
39	4 of 4	WSW/129.7	66.9 / 0.15	Orezone Gold Corporation 290 Picton Ave Suite 201 Ottawa ON K1Z 8P8	SCT
Established:		01-JUL-87			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Other Support Activities for Mining			
SIC/NAICS Code:		213119			
40	1 of 1	SSE/130.5	68.5 / 1.80	412 Tweedsmuir Ave. Ottawa ON	PINC
Incident ID:		2696610		Fuel Category:	Natural Gas
Incident No:		540152		Health Impact:	No
Incident Reported Dt:				Environment Impact:	No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Customer Acct Name: Incident Address: Tank Status: RC Established Task No: 3245285 Spills Action Centre: Fuel Type: Natural Gas Fuel Occurrence Tp: Pipeline Strike Date of Occurrence: 11/8/2010 0:00 Occurrence Start Dt: 2011/03/23 Operation Type: Construction Site (pipeline strike) Pipeline Type: Regulator Type: Summary: 412 Tweedsmuir Ave. Ottawa - 3/4" Pipeline Hit Reported By: Armstrong, Alan - Enbridge Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes:					
Property Damage: Yes Service Interrupt: Yes Enforce Policy: Yes Public Relation: No Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regulator Location: Method Details: E-mail					

41	1 of 7	SE/137.6	67.9 / 1.14	Enbridge Gas Distribution Inc. 415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	SPL
Ref No: 7033-8A2TBE Site No: Incident Dt: Year: Incident Cause: Discharge or Emission to Air Incident Event: Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Referral to others Dt MOE Arvl on Scn: MOE Reported Dt: 10/8/2010 Dt Document Closed: 10/13/2010 Incident Reason: Error- Operator error Site Name: 415 Tweedsmuir Avenue<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: TSSA: nat'l gas to atm, service line strike by contractor. Contaminant Qty: 0 other - see incident description					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Pipeline Agency Involved: 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: Air Spills - Gases and Vapours Source Type:					

41	2 of 7	SE/137.6	67.9 / 1.14	415 Tweedsmuir Avenue, Ottawa ON K1Z 5N6	INC
Incident No: 465638 Incident ID: 2617516 Instance No: Status Code: Causal Analysis Complete Attribute Category: FS-Incident Context: Date of Occurrence: Time of Occurrence:					
Any Health Impact: Any Enviro Impact: Service Interrupted: Was Prop Damaged: Reside App. Type: Commer App. Type: Indus App. Type: Institut App. Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Created On: Instance Creation Dt: Instance Install Dt: Occur Insp Start Date: Approx Quant Rel: Tank Capacity: Fuels Occur Type: Fuel Type Involved: Enforcement Policy: Prc Escalation Req: Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Cap: Task No: Notes: Drainage System: Sub Surface Contam.: Aff Prop Use Water: Contam. Migrated: Contact Natural Env: Incident Location: Occurrence Narrative: Operation Type Involved: Item: Item Description: Device Installed Location:				Venting Type: Vent Conn Mater: Vent Chimney Mater: Pipeline Type: Service / Riser Distribution Pipeline Pipeline Involved: Pipe Material: Steel Depth Ground Cover: 0.5 Regulator Location: Outside Regulator Type: Service Regulator (up to 60 psi intake) Operation Pressure: 65 Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Liquid Prop Notes: Equipment Type: Equipment Model: Serial No: Cylinder Capacity: Cylinder Cap Units: Cylinder Mat Type: Near Body of Water:	
		415 Tweedsmuir Avenue, Ottawa - 1" Pipeline Hit			

41	3 of 7	SE/137.6	67.9 / 1.14	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	EHS
Order No:	20200106026	Nearest Intersection:			
Status:	C	Municipality:			
Report Type:	Standard Report	Client Prov/State:	ON		
Report Date:	09-JAN-20	Search Radius (km):	.25		
Date Received:	06-JAN-20	X:	-75.7493161		
Previous Site Name:		Y:	45.3930593		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				

41	4 of 7	SE/137.6	67.9 / 1.14	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	EHS
Order No:	20200106026	Nearest Intersection:			
Status:	C	Municipality:			
Report Type:	Standard Report	Client Prov/State:	ON		
Report Date:	09-JAN-20	Search Radius (km):	.25		
Date Received:	06-JAN-20	X:	-75.7493161		
Previous Site Name:		Y:	45.3930593		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				

41	5 of 7	SE/137.6	67.9 / 1.14	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	EHS
Order No:	20200106026	Nearest Intersection:			
Status:	C	Municipality:			
Report Type:	Standard Report	Client Prov/State:	ON		
Report Date:	09-JAN-20	Search Radius (km):	.25		
Date Received:	06-JAN-20	X:	-75.7493161		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Previous Site Name:				Y:	45.3930593
Lot/Building Size:					
Additional Info Ordered:				Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos	
41	6 of 7	SE/137.6	67.9 / 1.14	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	EHS
Order No:	20200106026			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	09-JAN-20			Search Radius (km):	.25
Date Received:	06-JAN-20			X:	-75.7493161
Previous Site Name:				Y:	45.3930593
Lot/Building Size:					
Additional Info Ordered:				Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos	
41	7 of 7	SE/137.6	67.9 / 1.14	415 Tweedsmuir Avenue Ottawa ON K1Z 5N6	EHS
Order No:	20200106026			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	09-JAN-20			Search Radius (km):	.25
Date Received:	06-JAN-20			X:	-75.7493161
Previous Site Name:				Y:	45.3930593
Lot/Building Size:					
Additional Info Ordered:				Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos	
42	1 of 1	WSW/148.0	68.0 / 1.28	277 Richmond Rd Ottawa On Ottawa ON K1Z6X3	EHS
Order No:	20140210077			Nearest Intersection:	
Status:	C			Municipality:	Ottawa
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	19-FEB-14			Search Radius (km):	.25
Date Received:	10-FEB-14			X:	-75.752131
Previous Site Name:				Y:	45.39327
Lot/Building Size:					
Additional Info Ordered:					
43	1 of 1	WNW/148.0	66.0 / -0.77	342 Athlone Avenue Ottawa ON K1Z 5M4	SPL
Ref No:	5207-5Q6MTP			Discharger Report:	
Site No:				Material Group:	Oil
Incident Dt:	8/6/2003			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Valve / Fitting Leak Or Failure			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:	13			Nearest Watercourse:	
Contaminant Name:	FURNACE OIL			Site Address:	
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	Eastern
Environment Impact:	Possible			Site Municipality:	Ottawa
Nature of Impact:	Soil Contamination			Site Lot:	
Receiving Medium:	Land			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Dt MOE Arvl on Scn: MOE Reported Dt: 8/6/2003 Dt Document Closed: Incident Reason: Corrosion - All forms of internal/external corrosion Site Name: S. 21 Site County/District: Site Geo Ref Meth: Incident Summary: Ottawa: 2L furnace oil spill to grd Contaminant Qty: 2 L				Site Geo Ref Accu: Site Map Datum: SAC Action Class: Spill to Land Source Type:	

44	1 of 1	NNW/154.7	64.8 / -1.87	336 Tweedsmuir Ottawa ON	EHS
Order No: 20170821022 Status: C Report Type: Standard Report Report Date: 25-AUG-17 Date Received: 21-AUG-17 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory				Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.75109 Y: 45.395297	

45	1 of 1	WSW/156.6	68.0 / 1.28	ON	WWIS
Well ID: 7224473 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: C22339 Tag: A147227 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Data Entry Status: Yes Data Src: Date Received: 7/24/2014 Selected Flag: True Abandonment Rec: Contractor: 6964 Form Version: 8 Owner: Street Name: County: OTTAWA Municipality: NEPEAN TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 2014/05/12 Year Completed: 2014 Depth (m): Latitude: 45.3930872572404 Longitude: -75.7520840454364 Path:					

<u>Bore Hole Information</u>					
Bore Hole ID:	1004963049			Elevation:	66.485649

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 12-May-2014 00:00:00 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
46	1 of 1	SW/160.1	67.8 / 1.12	288 Richmond Road Ottawa ON K1Z 6X5	EHS
Order No: 20190509037 Status: C Report Type: Standard Report Report Date: 14-MAY-19 Date Received: 09-MAY-19 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.75172 Y: 45.392798					
47	1 of 1	NE/160.5	64.9 / -1.80	361 McRae Avenue Ottawa ON K1Z 8P4	EHS
Order No: 20100601019 Status: C Report Type: Custom Report Report Date: 6/2/2010 Date Received: 6/1/2010 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.749326 Y: 45.395231					
48	1 of 1	SW/162.0	67.8 / 1.12	298 Richmond Road Ottawa ON	WWIS
Well ID: 7346073 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: Final Well Status: Monitoring and Test Hole Water Type: Casing Material: Audit No: Z298271 Tag: A274737 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate:					
Data Entry Status: Data Src: Date Received: 10/30/2019 Selected Flag: True Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 298 Richmond Road County: OTTAWA Municipality: NEPEAN TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					

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

Bore Hole ID:	1007697676	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441147.00
Code OB Desc:		North83:	5026869.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	17-Sep-2019 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

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

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007890238
 Layer: 1
 Color: 8
 General Color: BLACK
 Mat1: 27
 Most Common Material: OTHER
 Mat2: 11
 Mat2 Desc: GRAVEL
 Mat3: 66
 Mat3 Desc: DENSE
 Formation Top Depth: 0.0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		0.3100000023841858			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007890240			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top Depth:		2.440000057220459			
Formation End Depth:		10.0600004196167			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007891424			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007891426			
Layer:		3			
Plug From:		6.69999980926514			
Plug To:		10.0600004196167			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007891425			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		6.69999980926514			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007892588			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007888647			
Casing No:		0			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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: 1007894064
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1007892095
Diameter: 11.430000305175781
Depth From: 0.0
Depth To: 2.740000009536743
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1007892096
Diameter: 7.619999885559082
Depth From: 2.740000009536743
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<UNOFFICIAL> Ottawa ON K1Z 8P4	SPL
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Ref No: 6347-785KJ6	Discharger Report:
Site No:	Material Group: Oil
Incident Dt:	Health/Env Conseq:
Year:	Client Type:
Incident Cause: Tank (Underground) Leak	Sector Type: Other
Incident Event:	Agency Involved:
Contaminant Code: 13	Nearest Watercourse:
Contaminant Name: FURNACE OIL	Site Address:
Contaminant Limit 1:	Site District Office:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Soil Contamination Receiving Medium: Land Receiving Env: MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 10/19/2007 Dt Document Closed: 10/26/2007 Incident Reason: Equipment Failure Site Name: 359 McRae Street<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Dependable Demolition, 50 L furnace oil Contaminant Qty: 50 L				Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	

[49](#) 2 of 2 **NE/165.1** **64.8 / -1.87** **359 McRAE STREET
OTTAWA ON** **HINC**

External File Num: FS INC 0710-06122
Fuel Occurrence Type: Liquid Petroleum Spill
Date of Occurrence: 10/19/2007
Fuel Type Involved: Fuel Oil
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Commercial (e.g. restaurant, business unit, etc)
Service Interruptions: No
Property Damage: Yes
Fuel Life Cycle Stage: Utilization
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No
Management:Yes Human Factors:Yes

Reported Details:
Fuel Category: Liquid Fuel
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Ottawa
Approx. Quant. Rel: 50
Nearby body of water: No
Enter Drainage Syst.: Unknown
Approx. Quant. Unit: Liters
Environmental Impact: UST situated in clay soil - oil seems to be contained within the clay soil around tank from original dicoverly of it's existence.

[50](#) 1 of 2 **SSW/166.4** **68.9 / 2.16** **ZONE 5 LANDSCAPING INC
409 EDGEWOOD AVE,,OTTAWA,ON,K1Z 5K6,CA
ON** **PINC**

Incident ID:
Incident No: 1732174
Incident Reported Dt: 10/6/2015
Type: FS-Pipeline Incident
Status Code:
Customer Acct Name: ZONE 5 LANDSCAPING INC
Incident Address: 409 EDGEWOOD AVE,,OTTAWA,ON,K1Z 5K6,CA

Tank Status: Pipeline Damage Reason Est
Task No: 5891737
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:

Fuel Category: Natural Gas
Health Impact:
Environment Impact:
Property Damage: Yes
Service Interupt:
Enforce Policy: Yes
Public Relation:

Pipeline System:
Depth:
Pipe Material:
PSIG:
Attribute Category: FS-Perform P-line Inc Invest
Regulator Location:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Occurrence Start Dt:	2015/10/06			Method Details:	E-mail
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:	409 EDGEWOOD AVENUE, OTTAWA - PIPELINE HIT - 1 ¼"				
Reported By:	Peter O'Gorman - ENBRIDGE				
Affiliation:					
Occurrence Desc:	Excavation practices not sufficient				
Damage Reason:					
Notes:					

50	2 of 2	SSW/166.4	68.9 / 2.16	Enbridge Gas Distribution Inc. 409 Edgewood Avenue Ottawa ON	SPL
Ref No:	6661-A32JXW			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	10/6/2015			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Unknown / N/A
Incident Event:				Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	409 Edgewood Avenue
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	10/6/2015			Site Map Datum:	
Dt Document Closed:	11/27/2015			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error			Source Type:	
Site Name:	Residential Line Strike<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA FSB: 1 1/4" pl intermediate main dmgd; made safe				
Contaminant Qty:	0 other - see incident description				

51	1 of 1	SW/171.9	67.9 / 1.16	298 Richmond Road Ottawa ON	WWIS
Well ID:	7346074			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	10/30/2019
Sec. Water Use:				Selected Flag:	True
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z298270			Owner:	
Tag:	A274736			Street Name:	298 Richmond Road
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):				Zone: UTM Reliability:	
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2019/09/17			
Year Completed:		2019			
Depth (m):		5.49			
Latitude:		45.3927999973143			
Longitude:		-75.7519652556622			
Path:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1007697679		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		17-Sep-2019 00:00:00		UTMRC Desc:	
Remarks:				Location Method:	
Elevrc Desc:				18	
Location Source Date:				441140.00	
Improvement Location Source:				5026862.00	
Improvement Location Method:				UTM83	
Source Revision Comment:				4	
Supplier Comment:				margin of error : 30 m - 100 m	
				wwr	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007890242			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		0.3100000023841858			
Formation End Depth:		1.2200000286102295			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007890243			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		74			

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

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

Construction Record - Screen

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

Results of Well Yield Testing

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

Hole Diameter

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

Hole Diameter

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
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:	NATURAL GAS (METHANE) 1075 Air No 2018/12/21 Operator/Human Error Enbridge: 1/2" gasoline<UNOFFICIAL> TSSA/Enbridge: 1/2" gasoline damage 0 other - see incident description			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	

52	2 of 2	N/174.5	64.8 / -1.92	TSSA INCIDENTS 335 TWEEDSMUIR AVE,,OTTAWA,ON,K1Z 5N3, CA ON	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:	2468398 12/21/2018 FS-Pipeline Incident TSSA INCIDENTS 335 TWEEDSMUIR AVE,,OTTAWA,ON,K1Z 5N3,CA Non Mandated			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:	

53	1 of 1	ENE/175.4	65.2 / -1.53	Leimerk Developments Ltd. 205 Richmond Road Ottawa ON K1Z 6W4	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5481302 04			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
54	1 of 1	NNE/184.0	64.3 / -2.39	320 McRae Ave Ottawa ON	WWIS

Well ID:	7334764	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Monitoring and Test Hole	Date Received:	3/8/2019
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Monitoring and Test Hole	Abandonment Rec:	
Water Type:		Contractor:	7241
Casing Material:		Form Version:	7
Audit No:	Z298201	Owner:	
Tag:	A257423	Street Name:	320 McRae Ave
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2018/11/02
Year Completed:	2018
Depth (m):	7.62
Latitude:	45.3956021738196
Longitude:	-75.7501754348732
Path:	

Bore Hole Information

Bore Hole ID:	1007475864	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441283.00
Code OB Desc:		North83:	5027172.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	02-Nov-2018 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1007824510
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top Depth:		1.8200000524520874			
Formation End Depth:		7.619999885559082			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007824507			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		27			
Most Common Material:		OTHER			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		66			
Mat3 Desc:		DENSE			
Formation Top Depth:		0.0			
Formation End Depth:		0.3100000023841858			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007824508			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		0.3100000023841858			
Formation End Depth:		1.5199999809265137			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007824509			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		92			
Mat3 Desc:		WEATHERED			
Formation Top Depth:		1.5199999809265137			
Formation End Depth:		1.8200000524520874			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007826026			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:	2				
Plug From:		0.310000002384186			
Plug To:		4.26999998092651			
Plug Depth UOM:	m				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1007826027				
Layer:	3				
Plug From:		4.26999998092651			
Plug To:		7.61999988555908			
Plug Depth UOM:	m				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1007826025				
Layer:	1				
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:	m				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1007827613				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1007822323				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:	1007828992				
Layer:	1				
Slot:	10				
Screen Top Depth:					
Screen End Depth:		7.61999988555908			
Screen Material:	5				
Screen Depth UOM:	m				
Screen Diameter UOM:	cm				
Screen Diameter:	6.03000020980835				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	1007829787				
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	m				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:		LPM			
		0			
<u>Hole Diameter</u>					
Hole ID:		1007827266			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		1.5199999809265137			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007827267			
Diameter:		7.619999885559082			
Depth From:		1.5199999809265137			
Depth To:		7.619999885559082			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

55	1 of 1	S/184.2	69.2 / 2.43	BEAVER CONSTRUCTION GROUP INC 422 ATHLONE AVE,,OTTAWA,ON,K1Z 5M5,CA ON	PINC
Incident ID:				Fuel Category:	Natural Gas
Incident No:		1609794		Health Impact:	
Incident Reported Dt:		4/2/2015		Environment Impact:	
Type:		FS-Pipeline Incident		Property Damage:	Yes
Status Code:				Service Interrupt:	
Customer Acct Name:		BEAVER CONSTRUCTION GROUP INC		Enforce Policy:	Yes
Incident Address:		422 ATHLONE AVE,,OTTAWA,ON,K1Z 5M5, CA		Public Relation:	
Tank Status:		Pipeline Damage Reason Est		Pipeline System:	
Task No:		5430081		Depth:	
Spills Action Centre:				Pipe Material:	
Fuel Type:				PSIG:	
Fuel Occurrence Tp:				Attribute Category:	FS-Perform P-line Inc Invest
Date of Occurrence:				Regulator Location:	
Occurrence Start Dt:		2105/04/02		Method Details:	E-mail
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:		422 ATHLONE AVE, OTTAWA - PIPELINE HIT 1 1/4"			
Reported By:		Jeff Stiles - Enbridge Gas			
Affiliation:					
Occurrence Desc:					
Damage Reason:		Excavation practices not sufficient			
Notes:					

56	1 of 7	N/189.3	64.3 / -2.42	DRUMMOND FUELS JAYS GAS BAR, 320 MCRAE AVE (SCOTT AND MCRAE) TANK TRUCK (CARGO) OTTAWA CITY ON K1Z 5R8	SPL
Ref No:		161738		Discharger Report:	
Site No:				Material Group:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Dt:	11/5/1998			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	NOT ANTICIPATED			Site Municipality:	20101
Nature of Impact:				Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	11/5/1998			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	EQUIPMENT FAILURE			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	DRUMMOND FUELS: 20L DIESEL SPILLED TO ASPHALT				
Contaminant Qty:					

56	2 of 7	N/189.3	64.3 / -2.42	AUTO REB-EX INTERNATIONAL 320 McRae St Ottawa ON K1Z 5R8	SCT
Established:	0000				
Plant Size (ft²):	0				
Employment:	0				
--Details--					
Description:	Motor Vehicle Brake System Manufacturing				
SIC/NAICS Code:	336340				
Description:	Motor Vehicle Transmission and Power Train Parts Manufacturing				
SIC/NAICS Code:	336350				
Description:	Other Motor Vehicle Parts Manufacturing				
SIC/NAICS Code:	336390				

56	3 of 7	N/189.3	64.3 / -2.42	AUTO REB-EX INTERNATIONAL INC 320 MCRAE AVE OTTAWA ON K1Z 5R8	AUWR
Headcode:	96400				
Headcode Desc:	Automobile Parts & Supplies-Used & Rebuilt				
Phone:	6137229499				
List Name:					
Description:					

56	4 of 7	N/189.3	64.3 / -2.42	CARSON'S BODY REPAIRS LTD. 320 MCRAE AVENUE OTTAWA ON K1Z 5R8	GEN
Generator No:	ON1380500			PO Box No:	
Status:				Country:	
Approval Years:	90			Choice of Contact:	
Contam. Facility:				Co Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility: SIC Code: 6352 SIC Description: PAINT/BODY REPAIR				Phone No Admin:	
Detail(s)					
Waste Class: 122 Waste Class Desc: ALKALINE WASTES - OTHER METALS					
56	5 of 7	N/189.3	64.3 / -2.42	CARSON'S BODY REPAIRS (OUT OF BUSINESS) 320 MCRAE AVENUE OTTAWA ON K1Z 5R8	GEN
Generator No: ON1380500 Status: Approval Years: 92,93,95,96,97,98 Contam. Facility: MHSW Facility: SIC Code: 6352 SIC Description: PAINT/BODY REPAIR				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: 122 Waste Class Desc: ALKALINE WASTES - OTHER METALS					
56	6 of 7	N/189.3	64.3 / -2.42	CARSON'S BODY REPAIRS LTD. 08-817 320 MCRAE AVENUE OTTAWA ON K1Z 5R8	GEN
Generator No: ON1380500 Status: Approval Years: 94 Contam. Facility: MHSW Facility: SIC Code: 6352 SIC Description: PAINT/BODY REPAIR				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: 122 Waste Class Desc: ALKALINE WASTES - OTHER METALS					
56	7 of 7	N/189.3	64.3 / -2.42	320 MCRAE GP INC. 320 MCRAE AVE OTTAWA ON K1Z 5R8	EASR
Approval No: R-009-2112708370 Status: REGISTERED Date: 2020-12-02 Record Type: EASR Link Source: MOFA Project Type: Water Taking - Construction Dewatering Full Address: Approval Type: EASR-Water Taking - Construction Dewatering Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2310318				SWP Area Name: Rideau Valley MOE District: Ottawa Municipality: OTTAWA Latitude: 45.39555556 Longitude: -75.75027778 Geometry X: Geometry Y:	
57	1 of 3	ENE/190.9	65.2 / -1.53	Bushtukah 203 Richmond rd	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ottawa ON K1Z 6W4					
Generator No:	ON8211371			PO Box No:	
Status:				Country:	
Approval Years:	04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	451110				
SIC Description:	Sporting Goods Stores				
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:	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:	ON8211371			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	451110				
SIC Description:	Sporting Goods Stores				
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:	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:	ON8211371			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	451110				
SIC Description:	Sporting Goods Stores				
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:	OIL SKIMMINGS & 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:	197780			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	4/6/2001			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	PIPE/HOSE LEAK			Sector Type:	
Incident Event:				Agency Involved:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:				Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20107 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	
Environment Impact: Possible Nature of Impact: Soil contamination Receiving Medium: Land Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 4/6/2001 Dt Document Closed: Incident Reason: UNKNOWN Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: PRIVATE RESIDENCE FURNACE OIL TANK SMALL LEAK Contaminant Qty:					

59	1 of 1	SW/198.9	68.2 / 1.49	ENBRIDGE GAS INC 401 EDEN AVE,,OTTAWA,ON,K1Z 5J1,CA ON	PINC
Incident ID: Incident No: 2833556 Incident Reported Dt: 4/22/2020 Type: FS-Pipeline Incident Status Code: Customer Acct Name: ENBRIDGE GAS INC Incident Address: 401 EDEN AVE,,OTTAWA,ON,K1Z 5J1,CA Tank Status: Pipeline Damage Reason Est 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:				Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:	

60	1 of 1	WSW/199.8	66.9 / 0.14	305 Picton Avenue Ottawa ON K1Z 6V4	EHS
Order No: 20120725032 Status: C Report Type: Standard Report Report Date: 03-AUG-12 Date Received: 25-JUL-12 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory				Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.752967 Y: 45.393459	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
61	1 of 2	S/201.2	69.8 / 3.11	424 Athlone St Ottawa ON	SPL
Ref No:	6566-9UVP49			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	3/23/2015			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Leak/Break			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	METHANE GAS, COMPRESSED (NATURAL GAS)			Site Address:	424 Athlone St
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:	Air			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	N			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	3/23/2015			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Air Spills - Gases and Vapours
Incident Reason:	Material Failure - Poor Design/Substandard Material			Source Type:	
Site Name:	line strike<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA: line strike 424 Athlone St, made safe				
Contaminant Qty:	1 other - see incident description				
61	2 of 2	S/201.2	69.8 / 3.11	GARY PATRICK GEHL 424 ATHLONE AVE,,OTTAWA,ON,K1Z 5M5,CA ON	PINC
Incident ID:				Fuel Category:	Natural Gas
Incident No:	1602350			Health Impact:	
Incident Reported Dt:	3/23/2015			Environment Impact:	
Type:	FS-Pipeline Incident			Property Damage:	Yes
Status Code:				Service Interrupt:	
Customer Acct Name:	GARY PATRICK GEHL			Enforce Policy:	Yes
Incident Address:	424 ATHLONE AVE,,OTTAWA,ON,K1Z 5M5,CA			Public Relation:	
Tank Status:	Pipeline Damage Reason Est			Pipeline System:	
Task No:	5415185			Depth:	
Spills Action Centre:				Pipe Material:	
Fuel Type:				PSIG:	
Fuel Occurrence Tp:				Attribute Category:	FS-Perform P-line Inc Invest
Date of Occurrence:				Regulator Location:	
Occurrence Start Dt:	2015/03/24			Method Details:	E-mail
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:	424 ATHLONE AVENUE, OTTAWA - PIPELINE HIT - 1 1/4"				
Reported By:	Tracy Penney - ENBRIDGE				
Affiliation:					
Occurrence Desc:					
Damage Reason:	Excavation practices not sufficient				
Notes:					
62	1 of 2	SSW/201.6	68.8 / 2.12	Enbridge Gas Distribution Inc. 412 Edgewood Avenue	SPL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ottawa ON					
Ref No:	1132-AYMLE7			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2018/05/10			Health/Env Conseq:	2 - Minor Environment Corporation
Year:				Client Type:	Miscellaneous Communal
Incident Cause:				Sector Type:	
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	412 Edgewood Avenue
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	1075			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scrn:				Site Geo Ref Accu:	
MOE Reported Dt:	2018/05/10			Site Map Datum:	
Dt Document Closed:	2018/05/18			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error			Source Type:	Pipeline/Components
Site Name:	Residence<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA FSB: 1/2 inch plastic IP service line strike, made safe.				
Contaminant Qty:	0 other - see incident description				

62	2 of 2	SSW/201.6	68.8 / 2.12	PIPELINE HIT 1/2" 412 EDGEWOOD AVE., OTTAWA, ON, K1Z 5K5, CA ON	PINC
Incident ID:				Fuel Category:	
Incident No:	2302974			Health Impact:	
Incident Reported Dt:	5/11/2018			Environment Impact:	
Type:	FS-Pipeline Incident			Property Damage:	
Status Code:				Service Interupt:	
Customer Acct Name:	PIPELINE HIT 1/2"			Enforce Policy:	
Incident Address:	412 EDGEWOOD AVE., OTTAWA, ON, K1Z 5K5, CA			Public Relation:	
Tank Status:	Pipeline Damage Reason Est			Pipeline System:	
Task No:				Depth:	
Spills Action Centre:				Pipe Material:	
Fuel Type:				PSIG:	
Fuel Occurrence Tp:				Attribute Category:	
Date of Occurrence:				Regulator Location:	
Occurrence Start Dt:				Method Details:	
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					

63	1 of 1	NW/205.0	64.9 / -1.78	Ottawa ON	SPL
Ref No:	6033-AQPND3			Discharger Report:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
				Site No: NA Incident Dt: 8/28/2017 Year: Incident Cause: Incident Event: Leak/Break Contaminant Code: 15 Contaminant Name: HYDRAULIC OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: n/a Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Land MOE Response: No Dt MOE Arvl on Scrn: MOE Reported Dt: 8/29/2017 Dt Document Closed: Incident Reason: Equipment Failure Site Name: OLRT<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: OLRT: 4 L hydraulic oil to gravel; contd & clng Contaminant Qty: 4 L	Material Group: Health/Env Conseq: 2 - Minor Environment Client Type: Sector Type: Miscellaneous Industrial Agency Involved: Nearest Watercourse: Site Address: Site District Office: Ottawa Site Postal Code: Site Region: Eastern Site Municipality: Ottawa Site Lot: Site Conc: Northing: 5027166 Easting: 441149 Site Geo Ref Accu: Site Map Datum: SAC Action Class: Land Spills Source Type: Valve/Fitting/Piping	

64	1 of 1	NNE/208.6	64.3 / -2.39	Mcrae Avenue Ottawa ON	EHS	
				Order No: 20140226049 Status: C Report Type: Custom Report Report Date: 04-MAR-14 Date Received: 26-FEB-14 Previous Site Name: NA Lot/Building Size: 220 m Additional Info Ordered: City Directory	Nearest Intersection: Municipality: Ottawa Client Prov/State: ON Search Radius (km): .05 X: -75.750119 Y: 45.39582	

65	1 of 1	W/213.8	66.8 / 0.12	ENBRIDGE GAS INC 306 ELMGROVE AVE,,OTTAWA,ON,K1Z 6V1,CA ON	PINC	
				Incident ID: Incident No: 2910936 Incident Reported Dt: 8/24/2020 Type: FS-Pipeline Incident Status Code: Customer Acct Name: ENBRIDGE GAS INC Incident Address: 306 ELMGROVE AVE,,OTTAWA,ON,K1Z 6V1,CA Tank Status: Report Received 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:	Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Occurrence Desc: Damage Reason: Notes:					
66	1 of 2	WSW/214.2	67.9 / 1.14	P. & T. EQUIPMENT 311 RICHMOND ROAD, SUITE 308 OTTAWA ON K1Z 6X3	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:		Operator	Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:		
66	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 (ft²): Employment:		01-AUG-94			
--Details-- Description: SIC/NAICS Code:		Software Publishers 511210			
67	1 of 1	ENE/214.7	66.0 / -0.71	Aland Enterprises 199 Richmond Rd Ottawa ON K1Z 6W4	SCT
Established: Plant Size (ft²): Employment:		01-AUG-85			
--Details-- Description: SIC/NAICS Code:		Electrical Wiring and Construction Supplies Wholesaler-Distributors 416110			
Description: SIC/NAICS Code:		Electrical Wiring and Construction Supplies Wholesaler-Distributors 416110			
68	1 of 1	SW/219.9	69.0 / 2.26	Cassone Construction 300 Richmond Rd. Ottawa ON	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON4702399			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	236220				
SIC Description:	Commercial and Institutional Building Construction				

69	1 of 1	SSW/220.5	69.5 / 2.82	OTTAWA CITY EDGEWOOD AVE./LINCOLN AVE. OTTAWA CITY ON	CA
Certificate #:	3-0446-93-				
Application Year:	93				
Issue Date:	5/12/1993				
Approval Type:	Municipal sewage				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

70	1 of 5	NE/222.0	63.9 / -2.81	MCRAE AVENUE (OTTAWA) DEVELOPMENT INC. 319 MCRAE AVENUE, OTTAWA, ON K1Z 5T9 Ottawa ON	RSC
RSC ID:	216030				
RA No:					
RSC Type:	Phase 1 and 2 RSC				
Curr Property Use:	Commercial				
Ministry District:	Ottawa District Office				
Filing Date:	2014/12/23				
Date Ack:					
Date Returned:					
Restoration Type:					
Soil Type:					
Criteria:					
CPU Issued Sect 1686:					
Asmt Roll No:	0614084301316010000				
Prop ID No (PIN):	04021-0030 (LT)				
Property Municipal Address:	319 MCRAE AVENUE, OTTAWA, ON K1Z 5T9				
Mailing Address:					
Latitude & Longitude:					
UTM Coordinates:					
Consultant:					
Legal Desc:					
Measurement Method:					
Applicable Standards:					
RSC PDF:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=43161&fileName=BROWNFIELDSE.pdf				

Document(s) Detail

Document Heading: Supporting Documents
Document Name: Transfer.pdf
Document Type: Copy of any deed(s), transfer(s) or other document(s)

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=43155&fileName=Transfer.pdf			
Document Heading:		Supporting Documents			
Document Name:		Table of Current and Past Uses.pdf			
Document Type:		Table of Current and Past Property Use			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=43162&fileName=Table+of+Current+and+Past+Uses.pdf			
Document Heading:		Supporting Documents			
Document Name:		PhaseTwoCSM.pdf			
Document Type:		Phase 2 Conceptual Site Model			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=44158&fileName=PhaseTwoCSM.pdf			
Document Heading:		Supporting Documents			
Document Name:		PE3205 RSC Survey Plan.pdf			
Document Type:		A Current plan of Survey			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=43159&fileName=PE3205+RSC+Survey+Plan.pdf			
Document Heading:		Supporting Documents			
Document Name:		Lawyer Letter.pdf			
Document Type:		Lawyer's letter consisting of a legal description of the property			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=43156&fileName=Lawyer+Letter.pdf			
Document Heading:		Supporting Documents			
Document Name:		Certificate of Status.pdf			
Document Type:		Certificate of Status			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=43160&fileName=Certificate+of+Status.pdf			
Document Heading:		Supporting Documents			
Document Name:		Table of APECs Revised.pdf			
Document Type:		Area(s) of Potential Environmental Concern			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=43157&fileName=Table+of+APECs+Revised.pdf			

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2 of 5

NE/222.0

63.9 / -2.81

Construction <UNOFFICIAL>
319 McRae St.
Ottawa ON

SPL

Ref No: 7363-9YGP32
Site No: NA
Incident Dt: 7/16/2015
Year:
Incident Cause:
Incident Event:
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/16/2015
Dt Document Closed: 9/16/2015
Incident Reason: Operator/Human Error
Site Name: Construction site<UNOFFICIAL>
Site County/District:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address: 319 McRae St.
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills
Source Type:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Geo Ref Meth:					
Incident Summary:		Broccolini Construction Ottawa, 375 L hyd oil to gravel.			
Contaminant Qty:		375 L			
70	3 of 5	NE/222.0	63.9 / -2.81	Broccolini Construction Ottawa Inc. 319 McRae ottawa ON K1Z 5R8	GEN
Generator No:	ON5516124			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	236110, 236210, 236220				
SIC Description:	RESIDENTIAL BUILDING CONSTRUCTION, INDUSTRIAL BUILDING AND STRUCTURE CONSTRUCTION, COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION				
Detail(s)					
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
70	4 of 5	NE/222.0	63.9 / -2.81	Colonnade Bridgeport 315 - 319 McRae Street Ottawa ON K1Z 0C2	GEN
Generator No:	ON8060654			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jul 2020			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
70	5 of 5	NE/222.0	63.9 / -2.81	Colonnade Bridgeport 315 - 319 McRae Street Ottawa ON K1Z 0C2	GEN
Generator No:	ON8060654			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jan 2021			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
71	1 of 1	N/223.0	63.8 / -2.89	1385 woodroffe Ave Ottawa ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7348381			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	11/27/2019
Sec. Water Use:				Selected Flag:	True
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z324405			Owner:	
Tag:	A282337			Street Name:	1385 woodroffe Ave
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2019/10/26
Year Completed: 2019
Depth (m): 7.62
Latitude: 45.3959617753769
Longitude: -75.7502440741741
Path:

Bore Hole Information

Bore Hole ID:	1007730993	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441278.00
Code OB Desc:		North83:	5027212.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	26-Oct-2019 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 1007906641
Layer: 2
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3: 68
Mat3 Desc: DRY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		1.059999942779541			
Formation End Depth:		7.619999885559082			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007906640			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		0.0			
Formation End Depth:		1.059999942779541			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007907862			
Layer:		3			
Plug From:		4.5			
Plug To:		7.59999990463257			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007907860			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007907861			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		4.5			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007908875			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007904854			
Casing No:		0			
Comment:					

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

Construction Record - Screen

Screen ID: 1007909796
 Layer: 1
 Slot: 10
 Screen Top Depth: 4.57000017166138
 Screen End Depth: 7.61999988555908
 Screen Material: 5
 Screen Depth UOM: m
 Screen Diameter UOM: cm
 Screen Diameter: 6.03000020980835

Results of Well Yield Testing

Pump Test ID: 1007910473
 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: 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
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Well ID: 7334765	Data Entry Status:
Construction Date:	Data Src:
Primary Water Use: Monitoring and Test Hole	Date Received: 3/8/2019
Sec. Water Use:	Selected Flag: True
Final Well Status: Monitoring and Test Hole	Abandonment Rec:
Water Type:	Contractor: 7241
Casing Material:	Form Version: 7
Audit No: Z298205	Owner:
Tag: A257422	Street Name: 320 McRae Ave
Construction Method:	County: OTTAWA
Elevation (m):	Municipality: NEPEAN TOWNSHIP
Elevation Reliability:	Site Info:
Depth to Bedrock:	Lot:
Well Depth:	Concession:
Overburden/Bedrock:	Concession Name:
Pump Rate:	Easting NAD83:
Static Water Level:	Northing NAD83:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2018/11/02
Year Completed: 2018
Depth (m): 7.62
Latitude: 45.3959881055944
Longitude: -75.7503466323358
Path:

Bore Hole Information

Bore Hole ID:	1007475908	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441270.00
Code OB Desc:		North83:	5027215.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	02-Nov-2018 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007824513
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth: 1.2200000286102295
Formation End Depth: 7.619999885559082
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007824511
Layer: 1
Color: 8
General Color: BLACK
Mat1: 27
Most Common Material: OTHER
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 66

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:		DENSE			
Formation Top Depth:		0.0			
Formation End Depth:		0.3100000023841858			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007824512			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		27			
Mat3 Desc:		OTHER			
Formation Top Depth:		0.3100000023841858			
Formation End Depth:		1.2200000286102295			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007826028			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007826030			
Layer:		3			
Plug From:		4.26999998092651			
Plug To:		7.61999988555908			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007826029			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		4.26999998092651			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007827615			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007822324			
Casing No:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
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 Diameter UOM:		cm			
Screen Diameter:		6.03000020980835			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1007829789			
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:					
<u>Hole Diameter</u>					
Hole ID:		1007827269			
Diameter:		7.619999885559082			
Depth From:		1.5199999809265137			
Depth To:		7.619999885559082			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007827268			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		1.5199999809265137			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
73	1 of 1	SSE/227.7	69.8 / 3.10	OTTAWA CITY - PT.LOT 31, CONC. 1 ATHLONE AVE./BYRON AVE. OTTAWA CITY ON	CA
Certificate #:		3-1116-92-			
Application Year:		92			
Issue Date:		9/1/1992			
Approval Type:		Municipal sewage			
Status:		Approved			
Application Type:					

Map Key	Number of Records	Direction/ 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,,OTTAWA,ON,K1Z 6V1,CA ON	PINC
Incident ID: Incident No: 1899576 Incident Reported Dt: 7/8/2016 Type: FS-Pipeline Incident Status Code: Customer Acct Name: PIPELINE HIT - 2" Incident Address: 310 ELMGROVE AVE,,OTTAWA,ON,K1Z 6V1,CA Tank Status: Pipeline Damage Reason Est Task No: 6241143 Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: 2016/07/18 Operation Type: Pipeline Type: Regulator Type: Summary: 310 ELMGROVE AVE, OTTAWA - PIPELINE HIT - 2" Reported By: Bernie Monette - ENBRIDGE Affiliation: Occurrence Desc: Damage Reason: Facility was not located or marked Notes:					
Fuel Category: Natural Gas Health Impact: Environment Impact: Property Damage: Yes Service Interrupt: Yes Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regulator Location: Method Details: E-mail					
74	2 of 2	W/232.1	66.9 / 0.16	Enbridge Gas Distribution Inc. 310 Elmsgrove Ave Ottawa ON	SPL
Ref No: 2365-ABMRJS Site No: NA Incident Dt: 2016/07/07 Year: Incident Cause: Incident Event: Leak/Break Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2016/07/07 Dt Document Closed: 2016/08/10 Incident Reason: Operator/Human Error					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Miscellaneous Industrial Agency Involved: Nearest Watercourse: Site Address: 310 Elmsgrove Ave Site District Office: Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Source Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:		Residential<UNOFFICIAL> TSSA 2 inch main damage, made safe 0 other - see incident description			
75	1 of 1	N/234.6	63.7 / -2.99	320 McRae Ave, 1976 Scott Street, 311 & 315 Tweensmuir Avenue Ottawa ON K1Z 5N3	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20181002086 C Custom Report 09-OCT-18 02-OCT-18 Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.750654 45.396073
76	1 of 1	ENE/235.1	64.9 / -1.82	193 Richmond Rd Ottawa ON K1Z6W4	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20170317059 C Standard Report 22-MAR-17 17-MAR-17 Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.747921 45.395027
77	1 of 1	ESE/237.3	68.1 / 1.34	190 RICHMOND ROAD 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: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Additional Detail(s) (Map)		7264947 Monitoring and Test Hole 0 Monitoring and Test Hole Z229836 A164349 2016/05/20		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:	6/15/2016 True 7241 7 190 RICHMOND ROAD OTTAWA NEPEAN TOWNSHIP

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Year Completed:		2016			
Depth (m):		4.57			
Latitude:		45.3932151983122			
Longitude:		-75.7476781636321			
Path:					

Bore Hole Information

Bore Hole ID:	1006057600	Elevation:	68.231834
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441476.00
Code OB Desc:		North83:	5026905.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	20-May-2016 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006113562
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	2.130000114440918
Formation End Depth:	3.0999999046325684
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1006113560
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	0.3100000023841858
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1006113561
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	11				
Mat2 Desc:	GRAVEL				
Mat3:	77				
Mat3 Desc:	LOOSE				
Formation Top Depth:	0.3100000023841858				
Formation End Depth:	2.130000114440918				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006113563				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	06				
Most Common Material:	SILT				
Mat2:	28				
Mat2 Desc:	SAND				
Mat3:	66				
Mat3 Desc:	DENSE				
Formation Top Depth:	3.0999999046325684				
Formation End Depth:	4.570000171661377				
Formation End Depth UOM:	m				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1006113573				
Layer:	3				
Plug From:	1.22000002861023				
Plug To:	4.57000017166138				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1006113571				
Layer:	1				
Plug From:	0				
Plug To:	0.310000002384186				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1006113572				
Layer:	2				
Plug From:	0.310000002384186				
Plug To:	1.22000002861023				
Plug Depth UOM:	m				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	1006113570				
Method Construction Code:	B				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Other Method			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006113559			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1006113567			
Layer:		1			
Slot:		10			
Screen Top Depth:		4.51999998092651			
Screen End Depth:		4.57000017166138			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82000017166138			
<u>Water Details</u>					
Water ID:		1006113565			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006113564			
Diameter:		8.25			
Depth From:		0.0			
Depth To:		4.570000171661377			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
78	1 of 2	N/239.7	63.7 / -3.01	315 Tweedsmuir Ave Ottawa ON K1Z 5N3	EHS
Order No:		20200115060		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		RSC Report (Urban)		Client Prov/State: ON	
Report Date:		20-JAN-20		Search Radius (km): .3	
Date Received:		15-JAN-20		X: -75.75069378	
Previous Site Name:				Y: 45.39611799	
Lot/Building Size:					
Additional Info Ordered:					
78	2 of 2	N/239.7	63.7 / -3.01	315 Tweedsmuir Ave Ottawa ON K1Z 5N3	EHS
Order No:		20200115060		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		RSC Report (Urban)		Client Prov/State: ON	
Report Date:		20-JAN-20		Search Radius (km): .3	
Date Received:		15-JAN-20		X: -75.75069378	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Previous Site Name:</i>				Y:	45.39611799
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>					
79	1 of 1	SW/239.9	69.0 / 2.26	404 Eden Avenue Ottawa ON	EHS
<i>Order No:</i>	20160202061			<i>Nearest Intersection:</i>	
<i>Status:</i>	C			<i>Municipality:</i>	
<i>Report Type:</i>	Standard Report			<i>Client Prov/State:</i>	ON
<i>Report Date:</i>	05-FEB-16			<i>Search Radius (km):</i>	.25
<i>Date Received:</i>	02-FEB-16			<i>X:</i>	-75.752484
<i>Previous Site Name:</i>				<i>Y:</i>	45.392308
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>	City Directory				
80	1 of 1	NW/243.5	63.9 / -2.81	Design 1st Inc. 314 Athlone Ave Ottawa ON K1Z 5M4	SCT
<i>Established:</i>	01-JAN-96				
<i>Plant Size (ft²):</i>	3200				
<i>Employment:</i>					
<i>--Details--</i>					
<i>Description:</i>	All Other Miscellaneous Manufacturing				
<i>SIC/NAICS Code:</i>	339990				
<i>Description:</i>	Industrial Design Services				
<i>SIC/NAICS Code:</i>	541420				
<i>Description:</i>	All Other General-Purpose Machinery Manufacturing				
<i>SIC/NAICS Code:</i>	333990				
<i>Description:</i>	Other Management Consulting Services				
<i>SIC/NAICS Code:</i>	541619				
<i>Description:</i>	Machine Shops				
<i>SIC/NAICS Code:</i>	332710				
<i>Description:</i>	Other Specialized Design Services				
<i>SIC/NAICS Code:</i>	541490				
<i>Description:</i>	Engineering Services				
<i>SIC/NAICS Code:</i>	541330				
<i>Description:</i>	All Other Miscellaneous Fabricated Metal Product Manufacturing				
<i>SIC/NAICS Code:</i>	332999				
81	1 of 3	NNW/246.5	63.7 / -2.99	315 Tweedsmuir Ave Ottawa ON K1Z 5N3	EHS
<i>Order No:</i>	20200115060			<i>Nearest Intersection:</i>	
<i>Status:</i>	C			<i>Municipality:</i>	
<i>Report Type:</i>	RSC Report (Urban)			<i>Client Prov/State:</i>	ON
<i>Report Date:</i>	20-JAN-20			<i>Search Radius (km):</i>	.3
<i>Date Received:</i>	15-JAN-20			<i>X:</i>	-75.75069378
<i>Previous Site Name:</i>				<i>Y:</i>	45.39611799
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
81	2 of 3	NNW/246.5	63.7 / -2.99	315 Tweedsmuir Ave Ottawa ON K1Z 5N3	EHS
<i>Order No:</i>	20200115060			<i>Nearest Intersection:</i>	
<i>Status:</i>	C			<i>Municipality:</i>	
<i>Report Type:</i>	RSC Report (Urban)			<i>Client Prov/State:</i>	ON
<i>Report Date:</i>	20-JAN-20			<i>Search Radius (km):</i>	.3
<i>Date Received:</i>	15-JAN-20			<i>X:</i>	-75.75069378
<i>Previous Site Name:</i>				<i>Y:</i>	45.39611799
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>					
81	3 of 3	NNW/246.5	63.7 / -2.99	315 Tweedsmuir Ave Ottawa ON K1Z 5N3	EHS
<i>Order No:</i>	20200115060			<i>Nearest Intersection:</i>	
<i>Status:</i>	C			<i>Municipality:</i>	
<i>Report Type:</i>	RSC Report (Urban)			<i>Client Prov/State:</i>	ON
<i>Report Date:</i>	20-JAN-20			<i>Search Radius (km):</i>	.3
<i>Date Received:</i>	15-JAN-20			<i>X:</i>	-75.75069378
<i>Previous Site Name:</i>				<i>Y:</i>	45.39611799
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>					

Unplottable Summary

Total: 27 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Bourke Family Development Inc.	Byron Ave Registered Plan No. 204	Ottawa ON	
CA	Petro-Canada		Ottawa ON	
CA		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	
CA	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

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

Database:
CA

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

Site: Petro-Canada
Ottawa ON

Database:
CA

Certificate #: 5607-79YMZ8
Application Year: 2008
Issue Date: 2/12/2008
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Richmond Road Ottawa ON

Database:
CA

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

Site: Tweedsmuir Avenue Ottawa ON

Database:
CA

Certificate #: 2750-4XTGXB
Application Year: 01

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

Site: OTTAWA CITY
RICHMOND ROAD OTTAWA CITY ON

Database:
CA

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

Site: OTTAWA CITY
BYRON AVENUE OTTAWA CITY ON

Database:
CA

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

Site: City of Ottawa
Richmond Road Ottawa ON

Database:
CA

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

Site: City of Ottawa
Richmond Road Ottawa ON

Database:
CA

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

Site: OTTAWA CITY
RICHMOND ROAD OTTAWA CITY ON

Database:
CA

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

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

Database:
CA

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

Site: City of Ottawa
Richmond Road Ottawa ON

Database:
CA

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

Contaminants:
Emission Control:

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

Database:
CA

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

Site: CITY
BYRON AVE. OTTAWA ON

Database:
CA

Certificate #: 3-0302-85-006
Application Year: 85
Issue Date: 4/22/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 3223701 Canada Inc.
Petrie's Landing II Lot 33, Concession 1 OTTAWA ON

Database:
EBR

EBR Registry No: 012-0496
Ministry Ref No: 2600-9DMNQJ
Notice Type: Instrument Proposal
Notice Stage:
Notice Date:
Proposal Date: November 22, 2013
Year: 2013
Instrument Type: (OWRA s. 34) - Permit to take water
Off Instrument Name:
Posted By:
Company Name:
Site Address:
Location Other:
Proponent Name:
Proponent Address: 98 Lois Street, Gatineau Quebec, Canada J8Y 3R7
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

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

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

Database:
ECA

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

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

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

Database:
ECA

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

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

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

Database:
ECA

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

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

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

Database:
ECA

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

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

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

Database:
GEN

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

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

Detail(s)

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

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 221 L
Waste Class Desc: Light fuels

Site: *3223701 Canada Inc.*
Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA ON

Database:
PTTW

EBR Registry No: 012-0496
Ministry Ref No: 2600-9DMNQJ
Notice Type: Instrument Decision
Notice Stage:
Notice Date: June 10, 2014
Proposal Date: November 22, 2013
Year: 2013

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:

Company Name: 3223701 Canada Inc.

Site Address:

Location Other:

Proponent Name:

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

Comment Period:

URL:

Site Location Details:

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

Site: *ULTRAMAR LTÉE*
OTTAWA OTTAWA ON

Database:
RST

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

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

Database:
SPL

Ref No: 30833
Site No:
Incident Dt: 2/12/1990
Year:
Incident Cause: OTHER CONTAINER LEAK

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

Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20101
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	2/12/1990	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	CORROSION	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	PETRO CANADA SERVICE STN.FURANCE OIL LEAK.		
Contaminant Qty:			

Site: TEXACO
RICHMOND RD. SERVICE STATION OTTAWA CITY ON

Database:
SPL

Ref No:	14431	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	2/2/1989	Health/Env Conseq:	
Year:		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 Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	20101
Nature of Impact:		Site Lot:	
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: lot 31 ON

Database:
WWIS

Well ID:	1534734	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Not Used	Date Received:	6/10/2004
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Not A Well	Abandonment Rec:	
Water Type:		Contractor:	6907
Casing Material:		Form Version:	2
Audit No:	265833	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	031
Well Depth:		Concession:	

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

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

Bore Hole Information

Bore Hole ID: 11097509
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 31-May-2004 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

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

Method of Construction & Well
Use

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

Pipe Information

Pipe ID: 11101224
Casing No: 1
Comment:
Alt Name:

Results of Well Yield Testing

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

Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Site: lot 32 ON

Database:
WWIS

Well ID:	1531568	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:		Date Received:	11/17/2000
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Dewatering	Abandonment Rec:	
Water Type:		Contractor:	1414
Casing Material:		Form Version:	1
Audit No:	224542	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY
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:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10053102	Elevation:	
DP2BR:	16.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	06-Nov-2000 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

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

**Overburden and Bedrock
Materials Interval**

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

**Overburden and Bedrock
Materials Interval**

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

**Overburden and Bedrock
Materials Interval**

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

**Annular Space/Abandonment
Sealing Record**

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

**Method of Construction & Well
Use**

Method Construction ID: 961531568
Method Construction Code: 4

Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

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

Construction Record - Casing

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

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

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

Draw Down & Recovery

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

Draw Down & Recovery

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

Draw Down & Recovery

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

Water Details

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

Water Details

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

Site: lot 31 ON

Database:
WWIS

Well ID: 1528149
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 149112
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:

Data Entry Status:
Data Src: 1
Date Received: 8/30/1994
Selected Flag: True
Abandonment Rec:
Contractor: 6844
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:

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

Lot: 031
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

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

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

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

Formation ID: 931068740
Layer: 4

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

Overburden and Bedrock
Materials Interval

Formation ID: 931068738
Layer: 2
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

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

Annular Space/Abandonment
Sealing Record

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

Annular Space/Abandonment
Sealing Record

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

Annular Space/Abandonment
Sealing Record

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

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

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

Construction Record - Screen

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

Site:
lot 32 ON

Database:
[WWIS](#)

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

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

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

Zone:
UTM Reliability:

Bore Hole Information

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

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

**Overburden and Bedrock
Materials Interval**

Formation ID: 933057971
Layer: 2
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.7699999809265137
Formation End Depth: 4.869999885559082
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

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

**Annular Space/Abandonment
Sealing Record**

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

Annular Space/Abandonment

Sealing Record

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

Method of Construction & Well Use

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

Pipe Information

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

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999-Dec 31, 2020

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Jul 31, 2020

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 -Apr 2021

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Nov 2020

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-Apr 30, 2021

Drill Hole Database:

Provincial [DRL](#)

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks:

Provincial [DTNK](#)

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

Government Publication Date: Jul 31, 2020

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011-May 31, 2021

Environmental Registry:

Provincial [EBR](#)

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

Government Publication Date: 1994-Apr 30, 2021

Environmental Compliance Approval:

Provincial [ECA](#)

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

Government Publication Date: Oct 2011- May 31, 2021

Environmental Effects Monitoring:

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Jan 31, 2021

Environmental Issues Inventory System:

Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial **EPAR**

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

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

List of Expired Fuels Safety Facilities:

Provincial **EXP**

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

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

Government Publication Date: Jul 31, 2020

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Apr 2021

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial **FST**

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

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

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic:

Provincial

[FSTH](#)

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

[GEN](#)

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

Government Publication Date: 1986-Apr 30, 2021

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents:

Provincial

[HINC](#)

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

[MINE](#)

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

[MNR](#)

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

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES):

Federal

[NATE](#)

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

[NCPL](#)

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

Government Publication Date: Dec 31, 2019

National Defense & Canadian Forces Fuel Tanks:

Federal

[NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

[NDSP](#)

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

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

Government Publication Date: 2008-Mar 31, 2021

National Energy Board Wells:

Federal

[NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

[NPCB](#)

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

[NPRI](#)

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

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

Government Publication Date: 1988-Feb 28, 2021

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

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

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

Orders:

Provincial

[ORD](#)

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

Government Publication Date: 1994-Apr 30, 2021

Canadian Pulp and Paper:

Private

[PAP](#)

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

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

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

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

Government Publication Date: Oct 2011-May 31, 2021

Pipeline Incidents:

Provincial PINC

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

Government Publication Date: Oct 31, 2020

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994-Apr 30, 2021

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2018

Record of Site Condition:

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-May 2021

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-Dec 31, 2020

Scott's Manufacturing Directory:

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Aug 2020

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2018

Anderson's Storage Tanks:

Private

[TANK](#)

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

[TCFT](#)

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-May 31, 2021

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Apr 30, 2021

Definitions

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

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

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

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

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

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

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

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

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

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

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

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