



Geotechnical
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Building Science

Phase I Environmental Site Assessment

100 Argyle Avenue
Ottawa, Ontario

Prepared For

100 Argyle Corporation

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Colonnade Bridgeport to conduct a Phase I Environmental Site Assessment (Phase I-ESA) of 100 Argyle Avenue, in the City of Ottawa, Ontario. The purpose of this Phase I – Environmental Site Assessment 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 properties.

The Phase I – ESA property was first developed for residential purposes prior to 1891. The property was redeveloped with a portion of the current commercial office building in 1955 with an addition was constructed on the eastern side of the subject building in the early 1960s. Fill material of unknown quality was identified during the previous subsurface investigation that is anticipated to have been imported during development activities. The identified fill material represents a PCA that results in an APEC on the Phase I property

Neighbouring properties were first developed for residential and commercial purposes prior to 1891. The adjacent properties to the south and east were occupied by an automotive service garage and retail fuel outlet, respectively, in the 1956 FIPs. The former presence of underground fuel storage tanks and a fuel spill on the property adjacent to the south of the Phase I – ESA property were identified through the review of previously completed environmental reports and historical records. The historical presence of the automotive service garage, retail fuel outlet, underground fuel storage tanks/fuel spill, and fill material of unknown quality are considered to represent APECs on the Phase I – ESA property.

Following the historical review, a site visit was conducted. The Phase I – ESA property is currently occupied by a two-storey office building with one basement level and an asphaltic concrete parking lot in the eastern and northern portion of the property. Neighbouring properties consist of commercial offices and institutional properties. A pad mounted transformer located in the north-eastern portion of the Phase I - ESA property is considered to represent a PCA that results in an APEC on the Phase I property.

Based on the results of the Phase I - Environmental Site Assessment, it is our opinion that **a Phase II - Environmental Site Assessment is required for the Phase I – ESA property.**

Recommendations

Based on the age of the subject building (circa 1955), asbestos containing materials (ACMs) may be present within the structures. Potential ACMs identified during the site inspection include drywall joint compound, suspended ceiling tiles, boiler wrap insulation and pipe run/elbow insulation. These materials were noted to be in good condition at the time of our inspection and do not represent an immediate concern. An asbestos survey of the buildings should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to demolition or renovation, if one has not already been conducted.

Lead-based paint may be present on any remaining original surfaces within the building. It is recommended that paint be tested for lead content prior to its disturbance. Major work involving lead-based paint or other lead containing products must be done in accordance with Ontario Regulation 843, under the Occupational Health and Safety Act

1.0 INTRODUCTION

At the request of 100 Argyle Corporation, Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (Phase I ESA) for 100 Argyle Avenue, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject property.

Paterson was engaged to conduct this Phase I ESA by Mrs. Bonnie Martell. Colonnade Bridgeport's offices are located at 16 Councourse Gate, Suite 200, Ottawa, Ontario, K2E 7S8.

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

This Phase I-ESA report has been prepared in general accordance with the requirements of Ontario Regulation 153/04 as amended by O.Reg. 269/11 (Environmental Protection Act), and also complies with the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

2.0 PHASE I PROPERTY INFORMATION

Address:	100 Argyle Avenue, Ottawa, Ontario.
Legal Description:	Part of Lots 3 and 4, Argyle Avenue South, Plan 30, in the City of Ottawa.
Property Identification Number:	04123-0063.
Location:	The Phase I ESA - property is located on the south side of Argyle Avenue, approximately 60m east of Metcalfe Street, in Ottawa, Ontario.
Latitude and Longitude:	45° 24' 44" N, 75° 41' 13" W.
Site Description:	
Configuration:	Rectangular.
Site Area:	0.16 ha (approximate).
Zoning:	GM5 – General Mixed Use.
Current Use:	The Phase I ESA - property is currently occupied with commercial offices.
Services:	The Phase I ESA - property is located in a municipally serviced area.

3.0 SCOPE OF INVESTIGATION

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

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

4.0 RECORDS REVIEW

4.1 General

Phase I-ESA Study Area Determination

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

First Developed Use Determination

Based on the chain of title and the 1891 Fire Insurance Plan for the City of Ottawa, the property was first developed for residential purposes prior to 1891.

Fire Insurance Plans (FIPs)

Fire Insurance Plans from 1891, 1948, and 1956 were reviewed for the area of the Phase I property and surrounding properties.

The 1891 FIP shows the Phase I – ESA property and neighbouring properties as being occupied by residential dwellings. No PCAs were identified through a review of the 1891 FIP.

The Phase I – ESA property is occupied by three residential dwellings in the 1948 FIP. The adjacent properties to the east and west are also occupied by residential dwellings. The property immediately south of the Phase I – ESA property is occupied by a stone-cutting yard. The property addressed 66 and 68 Argyle Avenue now 474 Elgin Street (approximately 50 m E) is occupied by a retail fuel outlet. The former retail fuel outlet east of the Phase I – ESA property is considered to represent a potentially contaminating activity (PCA) that results in an APEC on the Phase I property.

In the 1956 FIP the Phase I – ESA property is occupied by the Canadian Congress of Labour building and one residential dwelling. The Canadian Congress of Labour building occupies generally the same footprint as the existing building, with the exception of the eastern portion, which is not shown on the FIP drawings. The adjacent properties to the east and west of the Phase I – ESA property are occupied by residential dwellings.

An automotive service garage is located on the adjacent property to the south addressed 478 Elgin Street. The former automotive service garage identified on the adjacent property to the south is considered to represent a PCA that results in an APEC on the Phase I – ESA property.

City of Ottawa Street Directories

City directories at the National Archives were reviewed in approximate 10-year intervals from 1890 to 2011 as part of the Phase I ESA. The directories indicated that the Phase I – ESA property was used for residential purposes until 1955, at which point the Canadian Labour Congress is first listed. The property remains listed as various commercial tenants until 2011. No PCAs were identified on the Phase I – property through a review of the city directories. Several PCAs were identified within the Phase I study area and are summarized in Table 1 below.

Table 1: City Directories – Potentially Contaminating Activities in Phase I Study Area			
Address	Listed Activity (years listed)	Distance / Orientation from site	APEC (Y/N)
74 Argyle Avenue, 470 Elgin Street (474 Elgin Street)	Elgin & Argyle Service Centre (1960), Goodrich BF Rubber Co. Tires (1950), Turner’s Texaco gas station (1970)	30 m East	Y
478 Elgin Street, 504 Elgin Street, (474 Elgin Street)	Myers Motors car dealers (1960), Waverly Motors car dealers (1960) Patterson Motors service station (1950)	Adjacent, South	Y
483 Elgin Street 443 Elgin Street	Ballantyne & McCabe service station (1950 - 1960), Dorman & Cutt service station (1950), Myers Motors service station (1960),	75 m East	N
No Municipal Address	Canada National Railway yards (1930-1959) Canada Atlantic Railway yards (1890-1900) Grand Trunk Railway yards (1911-1920)	100 m South	N
467 Elgin Street	Pelican Cleaners & Tailoring (2000-2010), Betty Brite Cleaners (1989)	125 m East	N
370 Metcalfe Street	Ottawa Carpet & Upholstery Cleaning (1990 – 2011)	240 m Northeast	N

Several dry cleaners, gas stations, automotive service garages and railway yards were identified as PCAs in the Phase I study area. Based on their separation distances, nature of the PCA, and/or cross-gradient orientation with respect to the Phase I – ESA property, most of the PCAs are not considered to represent APECs on the Phase I property with two exceptions. The former retail fuel outlet previously located at 74 Argyle Avenue (currently part of 474 Elgin Street) and the former service station previously located at 478/504 Elgin Street (currently part of 474 Elgin Street) are considered to result in an APEC on the Phase I – ESA property.

Property Ownership

Based on the chain of title prepared by Read Abstracts, the property is currently owned by 100 Argyle Corporation. No concerns were identified during a review of the previous owners.

Plan of Survey

A plan of survey dated July 24, 2018, prepared by Annis, O’Sullivan, Vollebakk Ltd., was reviewed as part of this Phase I-ESA. The Phase I – ESA property is shown in its current configuration. A copy of the Plan of Survey is provided in Appendix 1.

4.2 Environmental Source Information

Environment and Climate Change Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on June 24, 2021. Phase I – ESA property was not listed in the NPRI database. No records of pollutant release were listed in the database for properties located within the Phase I Study Area

PCB Inventory

A search of national PCB waste storage sites was conducted. No PCB waste storage sites were identified on the Phase I – ESA property or within a 250m radius.

Ontario Ministry of Environment and Climate Change (MECP) Instruments

A request was submitted to the MECP Freedom of Information office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the site. At the time of issuance of this report, a response had not been received.

A copy of the response will be forwarded to the client, should it contain any pertinent information.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the site. No coal gasification plants were identified within the Phase I study area.

MECP Incident Reports

A request was submitted to the MECP Freedom of Information office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the site or adjacent properties. At the time of issuance of this report, a response had not been received. A copy of the response will be forwarded to the client, should it contain any pertinent information.

MECP Waste Management Records

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records. At the time of issuance of this report, a response had not been received. A copy of the response will be forwarded to the client, should it contain any pertinent information.

MECP Submissions

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions have been submitted to the MECP.

At the time of issuance of this report, a response had not been received. A copy of the response will be forwarded to the client, should it contain any pertinent information.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment for the Phase I – ESA property, neighbouring properties, and the general area of the site. No records of site condition (RSC) have been submitted for the Phase I – ESA property.

One RSC (record 56515) was submitted for 424 Metcalfe Street (currently addressed 464 Metcalfe Street), located approximately 75 m west from the Phase I – ESA property. Based on information within the RSC and the separation distance from the Phase I – ESA property, the historical use of this property is not considered to represent an APEC on the Phase I property.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. No former waste disposal sites were identified within the Phase I study area.

Areas of Natural Significance Interest (ANSI)

A search for areas of natural significance and features within the Phase I study area was conducted on the web site of the Ontario Ministry of Natural Resources (MNR) on June 24, 2021. The search did not reveal any natural features or areas of natural significance within the Phase I study area.

Technical Standards and Safety Authority (TSSA)

The TSSA Fuels Safety Branch was contacted by email on June 25, 2021. No records were identified with respect to the Phase I – ESA property however, three storage tanks were identified at the Ottawa Police headquarters addressed 474 Elgin Street, immediately east of the Phase I property. Two single-walled steel tanks were installed in January of 1982 and contain gasoline, with capacities of 22,500 L and 9,000 L. The third tank is a 5,800 L diesel fuel tank. The tanks are located approximately 40 m to the southwest of the Phase I property, in the northwest corner of the parking garage of the police station (adjacent to 457 Metcalfe Street).

The TSSA records also indicate that in December 1994, a leak occurred in the pressure system associated with the tanks after gasoline was observed in the footing drain sump in the underground parking level of the police building.

The records included reports detailing the investigation and in-situ remediation of contaminated soil and groundwater associated with the release. According to the reports, it is estimated that approximately 500 to 1000 L of gasoline was released into the drainage system of the parking garage and migrated through the footing drainage system to the sump pit.

The provided plans did not show the exact location of the sump pit relative to 100 Argyle Avenue; however, the footing drain is interpreted to run parallel to the south boundary of the Phase I – ESA property.

Contaminated soil and groundwater were remediated by a combination of soil vapour extraction, pumping and treatment of impacted groundwater, and bioremediation using peroxide injection. The remediation equipment was decommissioned in 1996 after vapour monitoring of the intake of the soil vapour extraction system indicated that the majority of contamination had been removed.

The presence of the fuel storage tanks, and the fuel spill is considered to represent a PCA that results in an APEC on the Phase I – ESA property.

City of Ottawa Landfill Document

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

City of Ottawa Historical Land Use Inventory

A search of the City of Ottawa’s Historical Land Use Inventory (HLUI) database was conducted as part of this assessment. At the time of issuance of this report, the HLUI search results had not yet been received. A copy of the HLUI request form is provided in Appendix 2.

Based on the response obtained from the HLUI database as part of the 2018 Phase I – ESA, the Phase I – ESA property is associated with two activities. Eleven additional activities were identified within 50 m of the Phase I – ESA property.

Based on the information obtained at the time of the 2018 Phase I - ESA, the two activities identified on the Phase I – ESA property are known to exist approximately 50 m to the east and did not take place on the Phase I ESA property. The two activities documented in the HLUI database pertain to a historical gasoline service previously located at 470 Elgin Street.

Based on historical mapping, including the FIPs, 470 Elgin Street is located at the corner of Elgin Street and Argyle Avenue. No evidence of a gasoline service station being present on the Phase I – ESA property was identified during the historical research. As previously stated, the historical gasoline service station previously located at 474 Elgin Street is considered to represent a PCA that results in an APEC on the Phase I -ESA property.

Environmental Risk Information Service (ERIS) Report

An ERIS (Environmental Risk Information Service) Report was obtained for the Phase I Property and properties within the Phase I Study Area. Based on the ERIS report, there are no records associated with the Phase I – ESA property.

226 total records from various databases were identified in the ERIS search within the 250 m search radius, which included Boreholes, Certificates of Approvals (CA), Commercial Fuel Oil Tanks, Environmental Activity and Sector Registry, Environmental Compliance Approvals (ECAs), ERIS Historical Searches, Fuel Storage Tanks (FST), Fuel Storage Tanks – Historic (FSTH), Ontario Regulation 347 Waste Generators Summary, Ontario Spills Registry, Fuel Oil Spills and Leaks, Pesticide Register, Pipeline Incidents, Private and Retail Storage Tanks, Record of Site Condition, Scott’s Manufacturing Directory, Ontario Spills, Waste Disposal Sites – MOE CA Inventory and Water Well Information Systems (WWIS).

The CAs and ECAs pertained to municipal and private sewage works and air/noise approvals, and the documented Ontario Spills Registry and Fuel Oil Spills and Leaks records pertained to an underground fuel oil tank leak at 474 Elgin Street (City of Ottawa Police Station), a minor diesel fuel leak at 240 McLeod Street, gasoline spill on Highway No. 417 and natural gas leaks. The spill records are not considered to represent PCAs with one exception, as previously discussed, the gasoline leak that occurred at 474 Elgin Street is considered to represent a PCA that results in an APEC on the Phase I – ESA property.

Based on the nature of the spill records, as well as their inferred cross/down gradient orientation and separation distance with respect to the Phase I – ESA property, they are not considered to have had the potential to impact the Phase I property.

The waste disposal site record is associated with the property addressed 150 Argyle Avenue and pertains to a test facility completed by the LRC Development Team through the MECP. The test facilities are used to ensure the mapping systems and databases are accurate and do not pertain to functioning disposal sites. The nature of the record was verified through email conversations with the MECP as additional information was requested.

Several O. Reg 347 Waste Generator records were identified within the ERIS Database Report. Based on the generated waste classes as well as their separation distance and cross/down gradient orientation with respect to the Phase I – ESA property, the majority of the documented waste generators are not considered to represent PCAs, with one exception.

The waste generator records and documented waste classes including aliphatic solvents, waste oils and lubricants and PCBs for the property addressed 240 McLeod Street (Museum of Nature) are considered to represent a PCA. Based on the separation distance to the building (120 m NW) and its cross-gradient orientation with respect to the Phase I – ESA property, the generated waste classes are not considered to result in an APEC on the Phase I property.

No other PCAs were identified through a review of the ERIS Database report.

Previous Engineering Reports

The following report was reviewed prior to conducting this assessment:

- ❑ Phase I - Environmental Site Assessment, Commercial Office Building, 100 Argyle Avenue - Ottawa, Ontario”, prepared by Paterson Group Inc., dated July 31, 2012.

The TSSA search completed as part of the Phase I – ESA returned records of a gasoline leak from a storage tank located at the Ottawa Police headquarters and the subsequent remedial actions undertaken. It was considered that this gasoline release represented a low to moderate risk of impacting the Phase I – ESA property at the time of the assessment. Paterson recommended further work be conducted to confirm if the spill at the adjacent Ottawa Police headquarters had impacted the Phase I – ESA property.

- ❑ Phase II - Environmental Site Assessment, Commercial Office Building, 100 Argyle Avenue - Ottawa, Ontario”, prepared by Paterson Group Inc., dated April 22, 2013.

The Phase II-ESA consisted of drilling two boreholes (BH1 and BH2), one of which was instrumented with a groundwater monitoring well. The boreholes were placed in the rear parking area along the southern boundary of the Phase I – ESA property and were advanced to approximately 8.5 m below the existing grade.

Based on preliminary screening, one soil and groundwater sample were submitted to Paracel Laboratories to be analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX) and PHCs (F₁-F₄). Fill material consisting of a silty sand with gravel was identified beneath the pavement structure in both boreholes. No analytical testing was completed on the fill material and the quality is unknown. No detectable concentrations of the analysed parameters were reported and therefore, the test results were in compliance with the MECP Table 3 standards.

The fill material of unknown quality identified during the 2013 Phase II – ESA is considered to represent a PCA that results in an APEC on the Phase I – property.

- ❑ Phase I - Environmental Site Assessment, 100 Argyle Avenue - Ottawa, Ontario”, prepared by Paterson Group Inc., dated August 14, 2018.

Five PCAs resulting in APECs on the Phase I – ESA property were identified in the form of a historical automotive service garage located 30 m to the east, a gasoline service station on the adjacent property to the south, a historical gasoline spill immediately south of the Phase I property, a pad mounted transformer and fill material of unknown quality. A Phase II – ESA was recommended and completed by Paterson in August of 2018.

- ❑ Phase II - Environmental Site Assessment, 100 Argyle Avenue - Ottawa, Ontario”, prepared by Paterson Group Inc., dated August 22, 2018.

The Phase II-ESA consisted of drilling three boreholes, all of which were instrumented with a groundwater monitoring wells. The boreholes were placed to address the APECs identified during the 2018 Phase I - ESA and were advanced to a maximum depth of 15 m below the existing grade. Soil and Groundwater samples were submitted to Paracel Laboratories to be analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), PHCs (F₁-F₄), polychlorinated biphenyls (PCBs) and/or metals. No groundwater impacts were identified on the Phase I – ESA property at the time of the assessment. Impacted soil was identified in the southeastern corner of the Phase I – ESA property in the form of PHC fractions F₂ and F₃ and molybdenum. It was recommended that an environmental remediation program be completed and supervised by Paterson personnel to remove all impacted soil in conjunction with redevelopment activities.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library were reviewed in approximate ten (10) year intervals.

- 1928 The Phase I – ESA property is occupied by two residential dwellings. The Victoria Memorial Museum (Canadian Museum of Nature) is located to the northwest across Argyle Avenue. The properties immediately south, east, and west of the Phase I – ESA property are occupied by residential dwellings. A rail line and spur are located further to the south running in an east-west direction (in the current location of Highway 417).

- 1958 The Phase I – ESA is now occupied by the current building and associated parking areas. The residential dwellings to the east and west of the Phase I – ESA property have been replaced with multi-storey commercial and residential buildings. The property immediately south of the Phase I – ESA property now appears to be occupied by an automotive service garage further east of the Phase I – ESA Property is occupied by a retail fuel outlet.
- 1965 An addition has been constructed on the southeast corner of the subject building. The automotive service garage located on the adjacent property to the south has been further developed with a larger garage building. Highway No. 417 is in the initial stages of development further south of the Phase I – ESA property.
- 1978 No significant changes have been made to the Phase I – ESA property or surrounding lands since the previous photograph with one exception. The automotive service garage to the south of the Phase I – ESA property has been demolished and is now a parking lot.
- 1991 No significant changes appear to have been made to the Phase I – ESA property or surrounding lands since the previous photograph with one exception. The Ottawa Police headquarters has been constructed and now occupies the properties to the east and south of the Phase I – ESA property.
- 1999 No significant changes have been made to the Phase I – ESA property or surrounding lands since the previous photograph.
- 2011 No significant changes have been made to the Phase I – ESA property or surrounding lands since the previous photograph.
- 2017 No significant changes have been made to the Phase I – ESA property or surrounding lands since the previous photograph.

No additional APECs were identified through a review of the aerial photographs. Laser copies of selected aerial photographs reviewed are included in Appendix 1.

Topographic Maps

Topographic information was obtained from Natural Resources Canada – The Atlas of Canada website.

The topographic maps indicate that the elevation of the Phase I – ESA property is approximately 70 m above sea level. The Phase I – ESA property and surrounding area is generally flat, sloping slightly to the south/southeast.

An illustration of the referenced topographic map is present on Figure 2 - Topographic Map following the body of this report.

Physiographic Maps

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

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on the information from NRCAN, bedrock in the area of the site consists of shale of the Billings Formation. Based on the maps, the thickness of overburden ranges from 25 to 50 m. Overburden consists of clay and silt. The previously completed subsurface investigation by Paterson Group identified clayey silt to silty clay extending to a depth of 15.85 m.

Water Well Records

A search of the MECPs web site for all drilled well records within 250 m of the Phase I property was conducted on June 28, 2021. The search identified fifteen records, primarily for monitoring wells drilled on properties in the Phase I study area.

No well records were documented for the Phase I – ESA property however, based on the review of previously completed Phase II – ESAs, there are four monitoring wells on the Phase I property that were drilled in conjunction with the previous subsurface investigations.

Based on the previously completed borehole log reports, the site stratigraphy consists of brown silty sand fill material extending to depths ranging from 1.62 to 6.20 m underlain by stiff grey silty clay.

Bedrock was inferred at a depth of 34.1 m through a dynamic cone penetration test (DCPT) and groundwater was intercepted at a maximum depth of 8.8 m.

Water Bodies and Areas of Natural Significance

There are no waterbodies or areas of natural and scientific interest, on the Phase I property and the nearest body of water is the Rideau Canal which is 247 m east of the Phase I property.

5.0 INTERVIEWS

Property Owner Representative

The current property manager, Mr. Ian Berry, was interviewed at the time of the site visit as part of the Phase I ESA.

Mr. Berry indicated that the building is currently heated with natural gas and that he is unaware of fuel oil ever having been stored on site. Mr. Berry also indicated that he is unaware of any environmental concerns on the Phase I – ESA property or in the immediate vicinity.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site assessment was conducted on June 30, 2021. Weather conditions were sunny, with a temperature of approximately 24 °C.

Samuel Berube from the Environmental Department of Paterson Group conducted the site assessment. In addition to the site, the uses of neighbouring properties within the Phase I study area were also assessed at the time of the site reconnaissance.

6.2 Specific Observations at the Phase I Property

Site Features

The Phase I – ESA property is primarily occupied by the subject building with paved asphaltic concrete parking areas located in the northern and southern portions of the property and a small, landscaped portion fronting onto Argyle Avenue.

The Phase I – ESA property and regional topography slopes downward to the south/southeast in the general direction of the Rideau Canal. Water drainage on the Phase I – ESA property consists of runoff towards catch basins located on the south side of the subject building and along Argyle Avenue.

Buildings and Structures

The Phase I – ESA property is occupied by a two-storey office building with one basement level.

The building, constructed in 1955 (with an addition having been built in the early 1960s) is clad in brick and stone with a flat tar and gravel roof and poured concrete foundation. The building is heated by a natural gas fired boiler located in the basement.

Potential Environmental Concerns

Fuels and Chemical Storage

No signs of ASTs or USTs were observed on the exterior of the Phase I – ESA property.

Hazardous Materials and Unidentified Substances

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

Transformer Oil and Polychlorinated Biphenyls (PCBs)

One transformer is centrally located in the northern parking area of the Phase I – ESA property. The presence of the transformer on the Phase I – ESA property is considered to represent a PCA that results in an APEC.

Waste Management

Waste material observed at the time of the site visit was limited to non-hazardous office wastes which were stored outside of the subject building and collected by the municipality on a bi-weekly basis.

Interior Assessment

A general assessment of the building interior is as follows:

- The floors consisted of concrete, terrazzo, ceramic tiles, and carpet.
- The walls and ceilings consisted of drywall, concrete block, and panelling.
- Lighting throughout the building consists of a mixture of fluorescent and incandescent fixtures.

Potentially Hazardous Building Materials

Asbestos-Containing Materials (ACMs)

Based on the age of the subject building (circa 1955), asbestos may be potentially present within certain building materials. The potential ACMs identified at time of the site inspection include drywall joint compound, suspended ceiling tiles, boiler wrap insulation and pipe run/elbow insulation. These building materials were observed to be in good condition at the time of the site inspection and do not pose an immediate concern.

Lead-Based Paint

Based on the age of the subject building, lead-based paints may be potentially present on any original or older painted surfaces. The painted surfaces within the building were generally observed to be in good condition at the time of the site inspection.

Ozone Depleting Substances (ODSs)

Potential sources of ODSs observed on the Phase I – ESA property include fire extinguishers and refrigerators.

These appliances appeared to be in good condition at the time of the site inspection and should be regularly serviced by a licensed contractor.

Other Potential Environmental Concerns

Fuels and Chemical Storage

Chemical storage on the Phase I – ESA property was limited to domestically available cleaning products, stored in their original containers. No concerns regarding chemical storage were identified during the Phase I ESA site visit.

No signs of aboveground or underground fuel storage tanks were identified at the time of the site visit.

Wastewater Discharges

Wastewater is currently discharged from the Phase I – ESA property using municipal sewer services. Roof drainage from the subject building is discharged through overland flow to manholes located on Argyle Avenue and a catch basin located in the parking lot the Phase I – ESA property.

No environmental concerns were identified with respect to wastewater discharges on the Phase I – ESA property.

Neighbouring Properties

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

- North - Argyle Avenue followed by Canadian Museum of Nature.
- South - Ottawa Police Headquarters followed by Catherine Street.
- East - Ottawa Police Headquarters followed by Elgin Street.
- West - Offices followed by mixed use commercial and residential.

Land use within the Phase I study area is shown on Drawing PE4365-2R - Surrounding Land Use Plan.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The following table indicates the current and past uses of the Phase I – ESA property, dating back to its first developed use.

Table 2: Land Use History			
Time Period	Land Use	Potentially Contaminating Activities	Areas of Potential Environmental Concern
Prior to 1955	Residential dwellings	None	None
1955 – present	Commercial building	Transformer Fill Material of Unknown Quality	Yes

Potentially Contaminating Activities (PCAs)

Two potentially contaminating activities in the form of a pad mounted transformer and fill material of unknown quality were identified on the Phase I – ESA property.

A total of seven additional PCAs were identified within the Phase I study area. The majority of these PCAs are not considered to represent APECs on the Phase I – ESA property, based on previously completed assessments, their separation distance, and/or down- or cross-gradient orientation with respect to the Phase I - ESA property. The former gasoline service station to the east, former automotive service garage on the adjacent property to the south, and the fuel spill at the Ottawa Police Headquarters are considered to represent APECs on the Phase I – ESA property. Potentially Contaminating Activities are shown on Drawing PE4365-2R Surrounding Land Use Plan.

Areas of Potential Environmental Concern (APEC)

Table 3: Areas of Potential Environmental Concern					
Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern with respect to Phase I Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil, and/or Sediment)
APEC 1 - Pad mounted transformer	Northeast corner of Phase I ESA property	Item 55 – Transformer Manufacturing, Processing, and Use	On-Site	PCBs, PHCs, BTEX	Soil and Groundwater
APEC 2 - Fill Material of unknown Quality	Southern limits of Phase I ESA property	Item 30 – Importation of Fill Material of Unknown Quality	On-Site	Metals, As, Se, Sb, Hg, CrVI	Soil and Groundwater
APEC 3 - Fuel Spill and Fuel Storage tanks	Southern Portion of Phase I ESA Property	Item 28 - Gasoline and Associated Products Storage in Fixed UST	Off-Site	PHCs, BTEX	Soil and groundwater
APEC 4 - Former Automotive Service Garage	Southern portion of Phase I ESA property.	Item 52 - Storage, maintenance, fuelling and repair of equipment, vehicles	Off-Site	PHCs, BTEX	Soil and groundwater
APEC 5 - Former Retail Fuel Outlet	Eastern portion of Phase I ESA property	Item 28 - Gasoline and Associated Products Storage in Fixed UST	Off-Site	PHCs, BTEX	Soil and groundwater
APEC 6 – Application of Road Salt ¹	Within the parking areas of the Phase I ESA property	NA	On-Site	EC, SAR	Soil
1 - -- In accordance with Section 49.1 of Ontario Regulation 153/04 standards are deemed to be met if an applicable site condition standard is exceeded at a property solely because the qualified person has determined that a substance has been applied to surfaces for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both. The exemption outlined in Section 49.1 is being relied upon with respect to the Phase I ESA property.					

Contaminants of Potential Concern (CPC)

Based on the APECs, the following Contaminants of Potential Concern (CPCs) have been identified:

- Petroleum Hydrocarbons (PHCs F₁-F₄)
- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)
- Metals (including As, Se, Sb, Mercury, and Chrome VI)
- Polychlorinated Biphenyls (PCBs)

EC/SAR is not considered to be a CPC. In accordance with Section 49.1 of Ontario Regulation 153/04 standards are deemed to be met if an applicable site condition standard is exceeded at a property solely because the qualified person has determined that a substance has been applied to surfaces for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both.

The exemption outlined in Section 49.1 is being relied upon with respect to the Phase I ESA property.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on the information from NRCAN, bedrock in the area of the site consists of shale of the Billings Formation. Based on the maps, the thickness of overburden ranges from 25 to 50 m. Overburden consists of offshore marine sediments (silts and clays). Based on the previously completed borehole log reports, the site stratigraphy consists of brown silty sand fill material extending to depths ranging from 1.62 to 6.20 m underlain by stiff grey silty clay. Bedrock was inferred at a depth of 34.1 m through a dynamic cone penetration test (DCPT) and groundwater was intercepted at a maximum depth of 8.8 m.

Existing Buildings and Structures

The Phase I – ESA property is occupied by a two-storey office building constructed in 1955, with an addition built on the east side of the building in the early 1960s.

Underground Utilities

Underground utilities on the Phase I – ESA property are present in the form of natural gas, hydro and water lines.

Water Bodies

There are no waterbodies on the Phase I property and the closest water body is the Rideau Canal located 247 m to the east.

Areas of Natural Significance

There are no areas of natural and scientific interest on the subject property or within the Phase I ESA study area.

Drinking Water Wells

A search of the MECPs web site for all drilled well records within 250 m of the Phase I property was conducted on June 28, 2021. The search identified fifteen records, primarily for monitoring wells drilled on properties in the Phase I study area.

No well records were documented for the Phase I – ESA property however, based on the review of previously completed Phase II – ESAs, there are four monitoring wells on the Phase I property that were drilled in conjunction with the previous subsurface investigations.

Based on the previously completed borehole log reports, the site stratigraphy consists of brown silty sand fill material extending to depths ranging from 1.62 to 6.20 m underlain by stiff grey silty clay. Bedrock was inferred at a depth of 34.1 m through a dynamic cone penetration test (DCPT) and groundwater was intercepted at a maximum depth of 8.8 m.

Neighbouring Land Use

Neighbouring land use in the Phase I study area consists of commercial, residential, and institutional properties. Land use is shown on Drawing PE4365-2R Surrounding Land Use Plan.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Potentially Contaminating Activities and Areas of Potential Environmental Concern were identified within the Phase I ESA study area. Two PCAs were identified on

the Phase I property during the historical review or Phase I ESA site visit. Three additional off site PCAs considered to represent APECs on the Phase I property were identified during the historical review. All other PCAs identified within the Phase I study area are not considered to result in APECs on the Phase I property, based on their separation distances and cross/down gradient orientation with respect to the Phase I property.

- Pad-mounted Transformer** - This APEC is located in the northeastern portion of the Phase I – ESA property.
- Fill material of Unknown Quality** – This APEC is located along southern property limits.
- Former Retail Fuel Outlet** -This APEC is located on the adjacent property to the east of the Phase I – ESA property
- Former Automotive Service Station** – This APEC is located on the adjacent property to the south of the Phase I – ESA property.
- Fuel Storage Tanks and Fuel Spill** – This APEC is located on the adjacent property to the south of the Phase I – ESA property.
- Application of Road Salt** – This APEC is located within the parking areas of the Phase I – property.

Contaminants of Potential Concern

Based on the findings of the Phase I ESA the following Contaminants of Potential Concern

Soil and Groundwater

- Petroleum Hydrocarbons (PHCs F₁-F₄)
- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)
- Metals (including As, Se, Sb, Mercury, and Chrome VI)
- Polychlorinated Biphenyls (PCBs)

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I ESA is considered to be sufficient to conclude that there are five APECs on the Phase I – ESA property. The presence of five APECs 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 100 Argyle Corporation to conduct a Phase I Environmental Site Assessment (Phase I-ESA) of 100 Argyle Avenue, in the City of Ottawa, Ontario. The purpose of this Phase I – Environmental Site Assessment 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 properties.

The Phase I – ESA property was first developed for residential purposes prior to 1891. The property was redeveloped with a portion of the current commercial office building in 1955 with an addition was constructed on the eastern side of the subject building in the early 1960s. Fill material of unknown quality was identified during the previous subsurface investigation that is anticipated to have been imported during development activities. The identified fill material represents a PCA that results in an APEC on the Phase I property

Neighbouring properties were first developed for residential and commercial purposes prior to 1891. The adjacent properties to the south and east were occupied by an automotive service garage and retail fuel outlet, respectively, in the 1956 FIPs. The former presence of underground fuel storage tanks and a fuel spill on the property adjacent to the south of the Phase I – ESA property were identified through the review of previously completed environmental reports and historical records. The historical presence of the automotive service garage, retail fuel outlet, underground fuel storage tanks/fuel spill, and fill material of unknown quality are considered to represent APECs on the Phase I – ESA property.

Following the historical review, a site visit was conducted. The Phase I – ESA property is currently occupied by a two-storey office building with one basement level and an asphaltic concrete parking lot in the eastern and northern portion of the property. Neighbouring properties consist of commercial offices and institutional properties. A pad mounted transformer located in the north-eastern portion of the Phase I - ESA property is considered to represent a PCA that results in an APEC on the Phase I property.

Based on the results of the Phase I - Environmental Site Assessment, it is our opinion that **a Phase II - Environmental Site Assessment is required for the Phase I – ESA property.**

Recommendations

Based on the age of the subject building (circa 1955), asbestos containing materials (ACMs) may be present within the structures. Potential ACMs identified during the site inspection include drywall joint compound, suspended ceiling tiles, boiler wrap insulation and pipe run/elbow insulation. These materials were noted to be in good condition at the time of our inspection and do not represent an immediate concern. An asbestos survey of the buildings should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to demolition or renovation, if one has not already been conducted.

Lead-based paint may be present on any remaining original surfaces within the building. It is recommended that paint be tested for lead content prior to its disturbance. Major work involving lead-based paint or other lead containing products must be done in accordance with Ontario Regulation 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 by O.Reg. 269/11, and meets the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

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

This report was prepared for the sole use of 100 Argyle Corporation. Permission and notification from the above noted party and Paterson will be required to release this report to any other party.

Paterson Group Inc.



Samuel Berube, B.Eng.



Michael Beaudoin, P.Eng.



Report Distribution:

- 100 Argyle Corporation
- Paterson Group

10.0 REFERENCES

Federal Records

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

Provincial Records

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

Municipal Records

The City of Ottawa Historical Land Use Inventory.
The City of Ottawa geoOttawa website.

Local Information Sources

Plan of Survey – Farley & Martin Ltd., 1983.
ERIS Report
Personal Interviews.

Public Information Sources

Google Earth.
Google Maps/Street View.

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE4365-1R – SITE PLAN

DRAWING PE4365-2R – SURROUNDING LAND USE PLAN

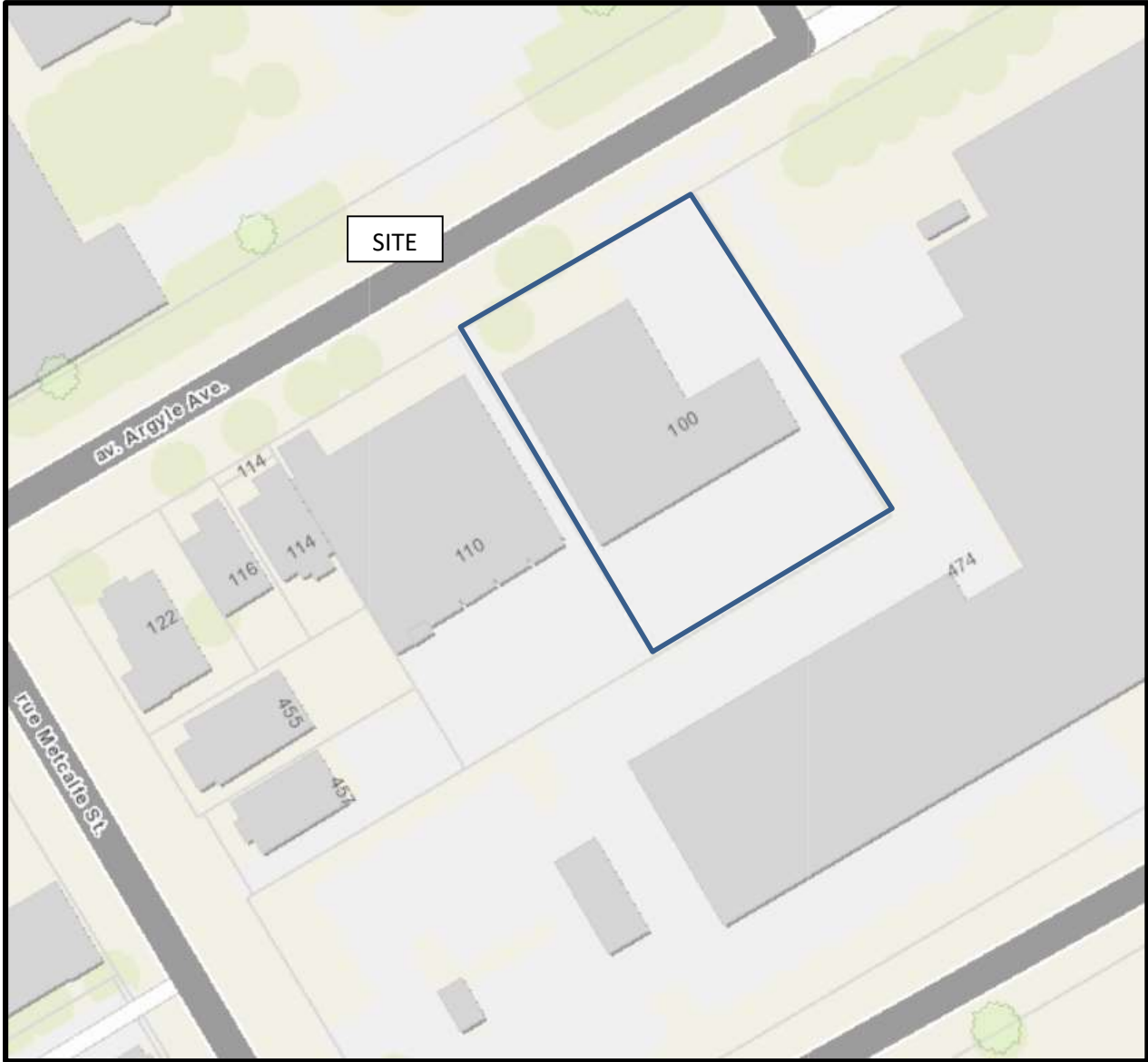


FIGURE 1
KEY PLAN

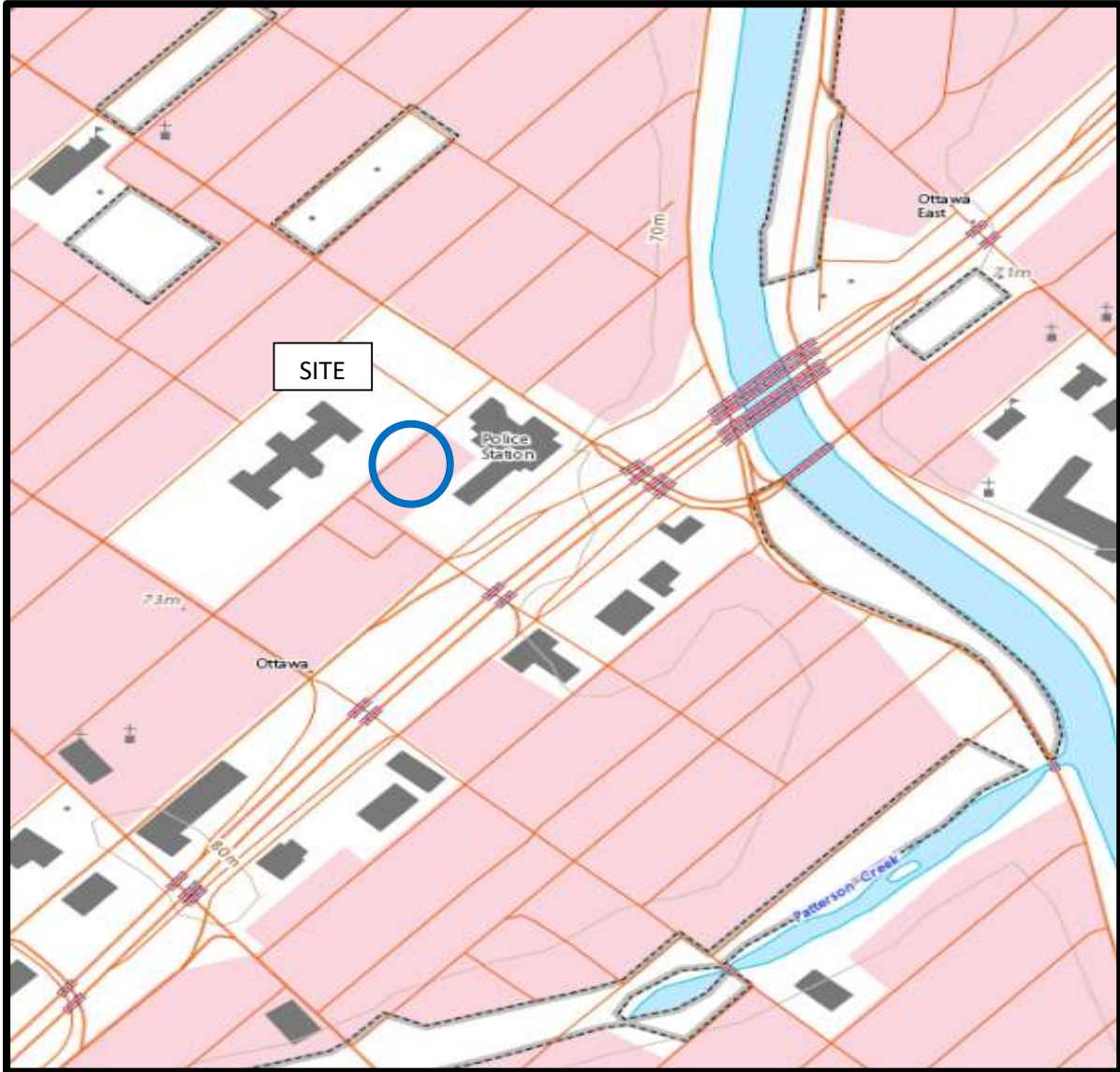
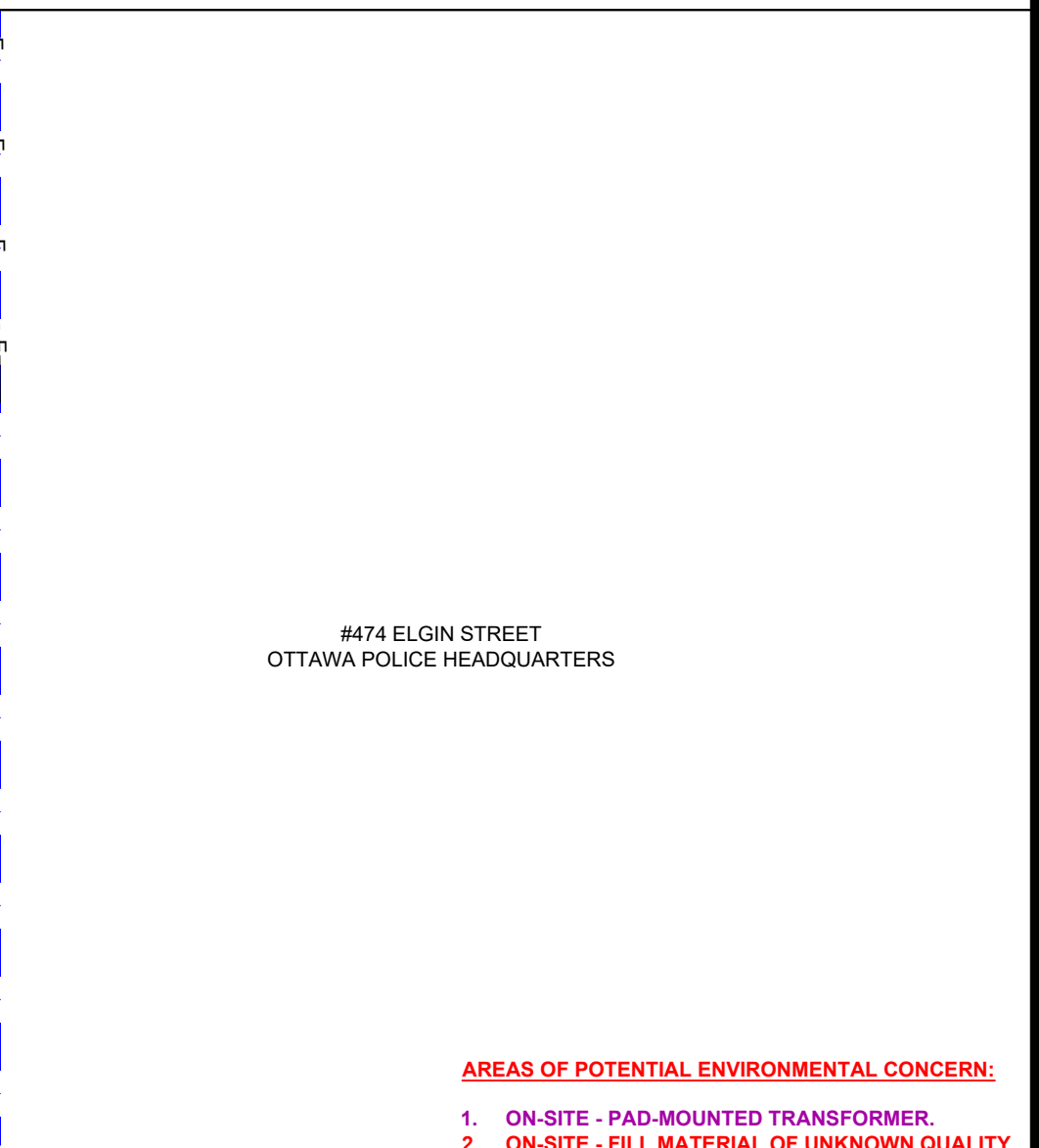
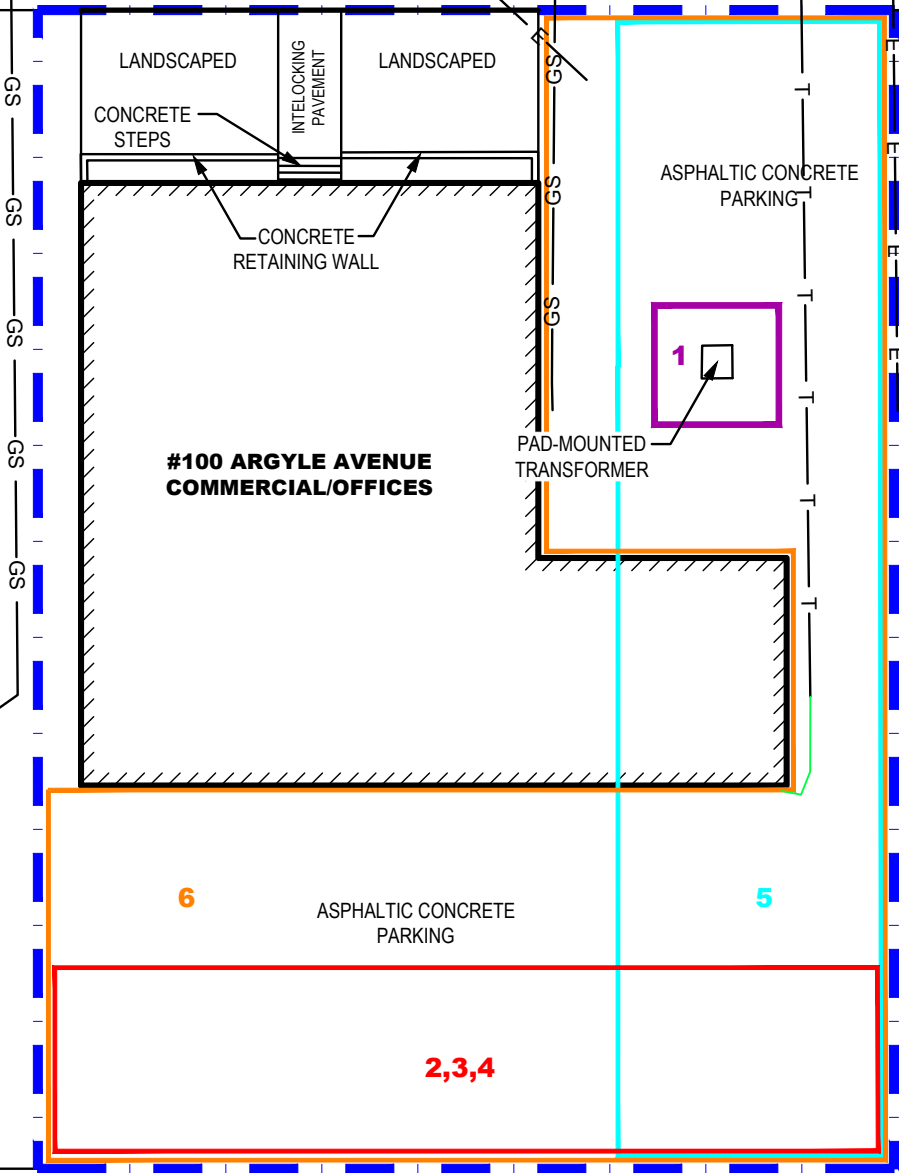
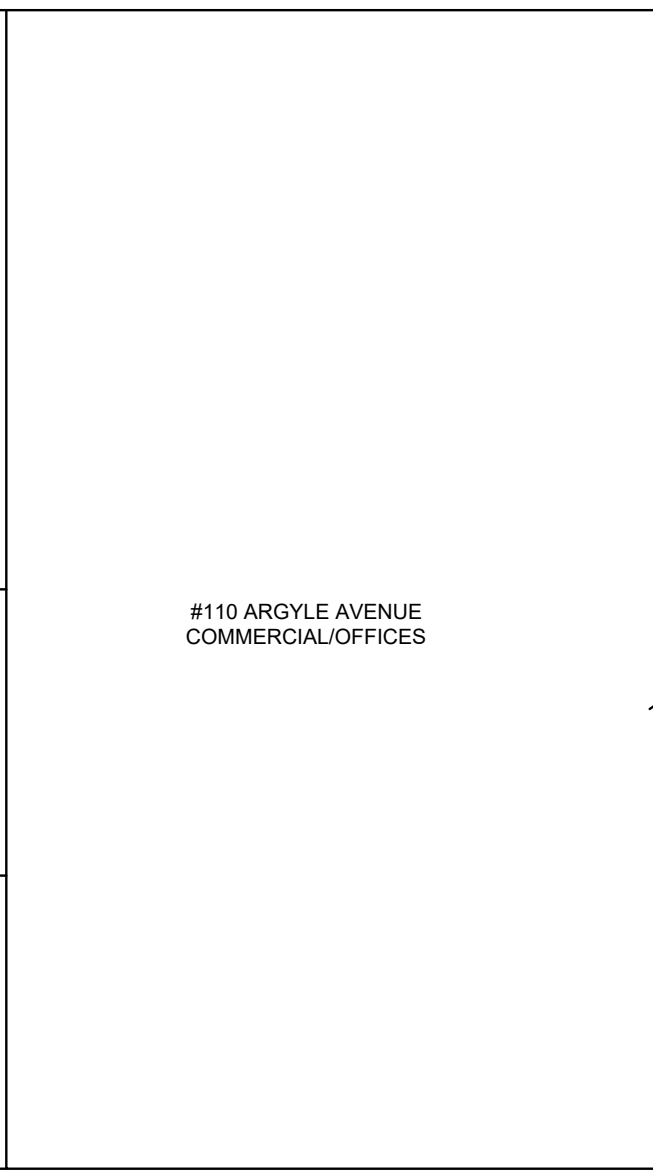
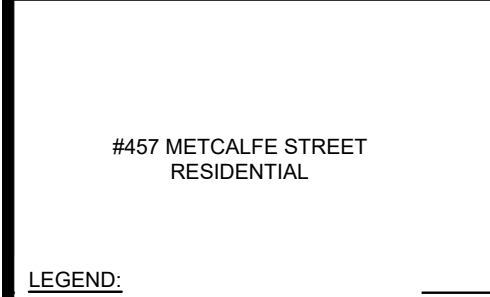
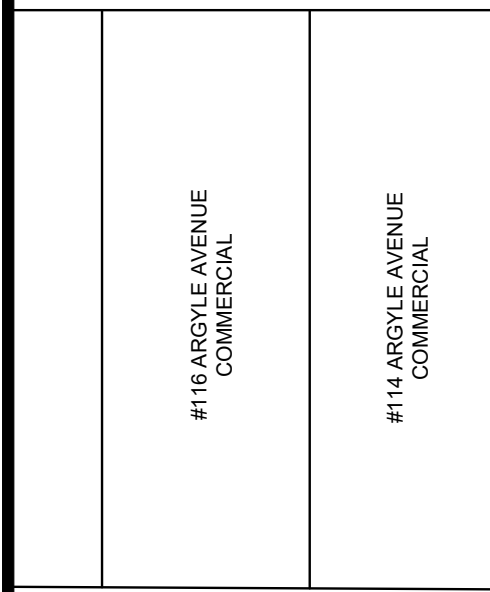
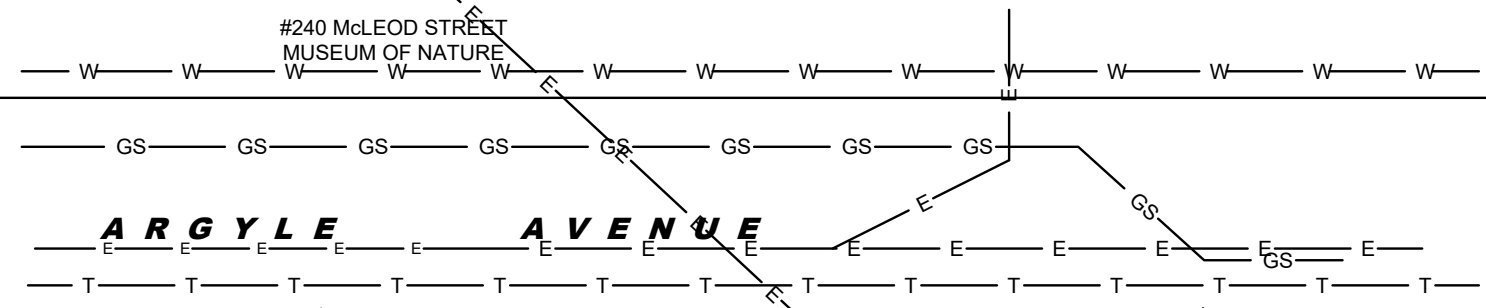
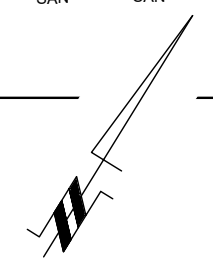
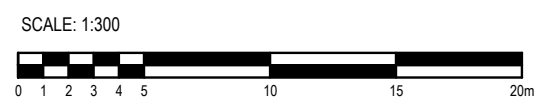


FIGURE 2
TOPOGRAPHIC MAP



LEGEND:
 ■■■■ PHASE I ESA PROPERTY



- AREAS OF POTENTIAL ENVIRONMENTAL CONCERN:**
1. ON-SITE - PAD-MOUNTED TRANSFORMER.
 2. ON-SITE - FILL MATERIAL OF UNKNOWN QUALITY.
 3. 474 ELGIN STREET - FUEL SPILL AND FUEL STORAGE TANKS.
 4. 478 ELGIN STREET - FORMER AUTOMOTIVE SERVICE STATION.
 5. 68 ARGYLE AVENUE - FORMER RETAIL FUEL OUTLET.
 6. ON-SITE - APPLICATION OF ROAD SALT.

#474 ELGIN STREET
 OTTAWA POLICE HEADQUARTERS
 COMMERCIAL

patersongroup
 consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

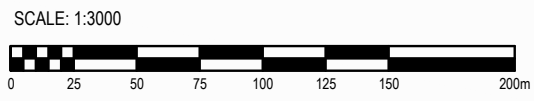
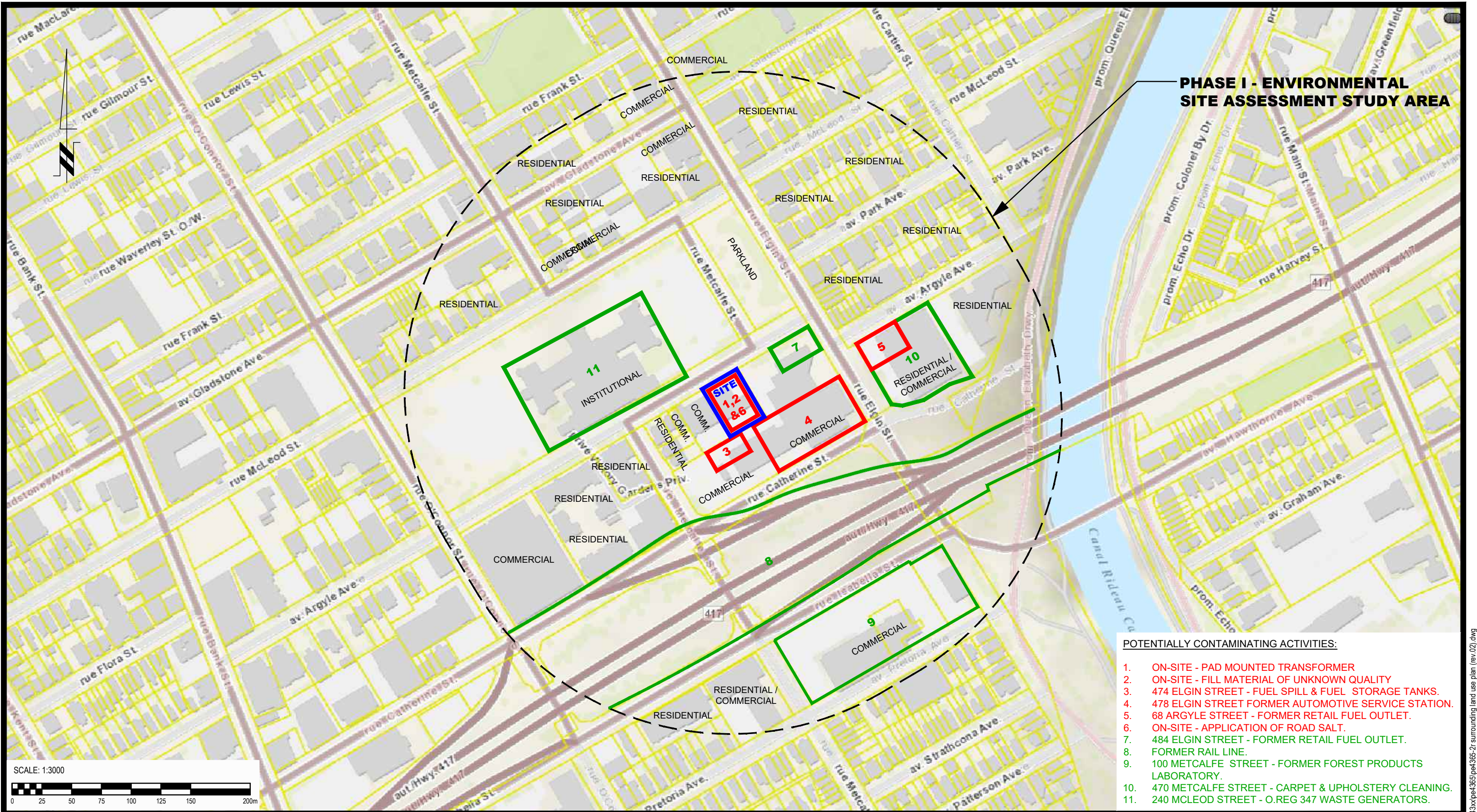
100 ARGYLE CORPORATION
 PHASE I - ENVIRONMENTAL SITE ASSESSMENT
 100 ARGYLE AVENUE

OTTAWA, ONTARIO

SITE PLAN

Scale:	1:300	Date:	07/2021
Drawn by:	MPG	Report No.:	PE4365-3
Checked by:	SB	Dwg. No.:	PE4365-1R
Approved by:	MB	Revision No.:	

p:\autocad drawings\environmental\pe43xx\pe4365\pe4365-1r site plan.dwg



patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL
1	ADJUSTED APECS	06/25/2021	SB

100 ARGYLE CORPORATION
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
100 ARGYLE AVENUE
OTTAWA, ONTARIO

Title: **SURROUNDING LAND USE PLAN**

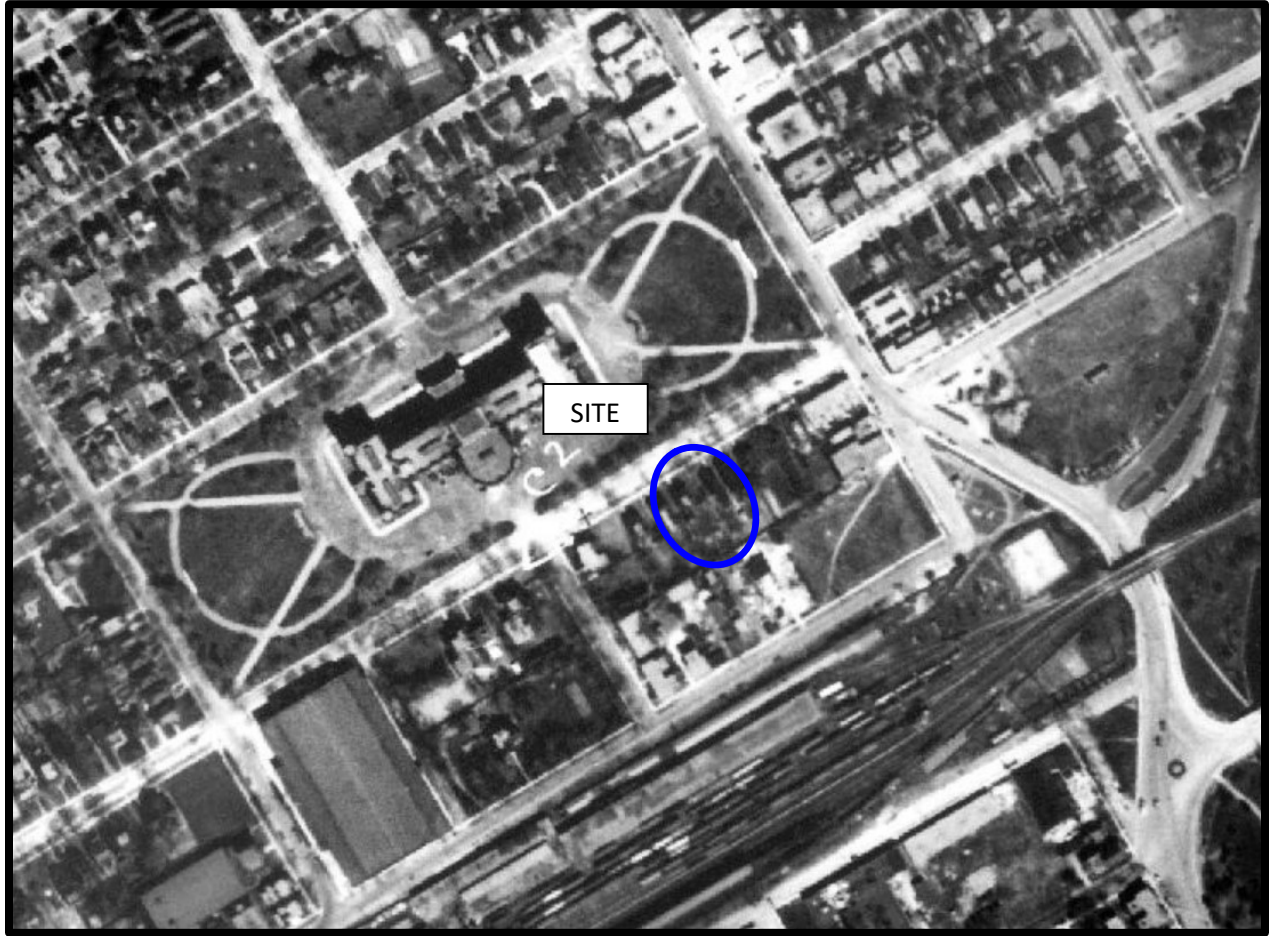
Scale:	1:3000	Date:	07/2021
Drawn by:	RCG	Report No.:	PE4365-3
Checked by:	SB	Dwg. No.:	PE4365-2R
Approved by:	MB	Revision No.:	1

APPENDIX 1

SURVEY PLAN

AERIAL PHOTOGRAPHS

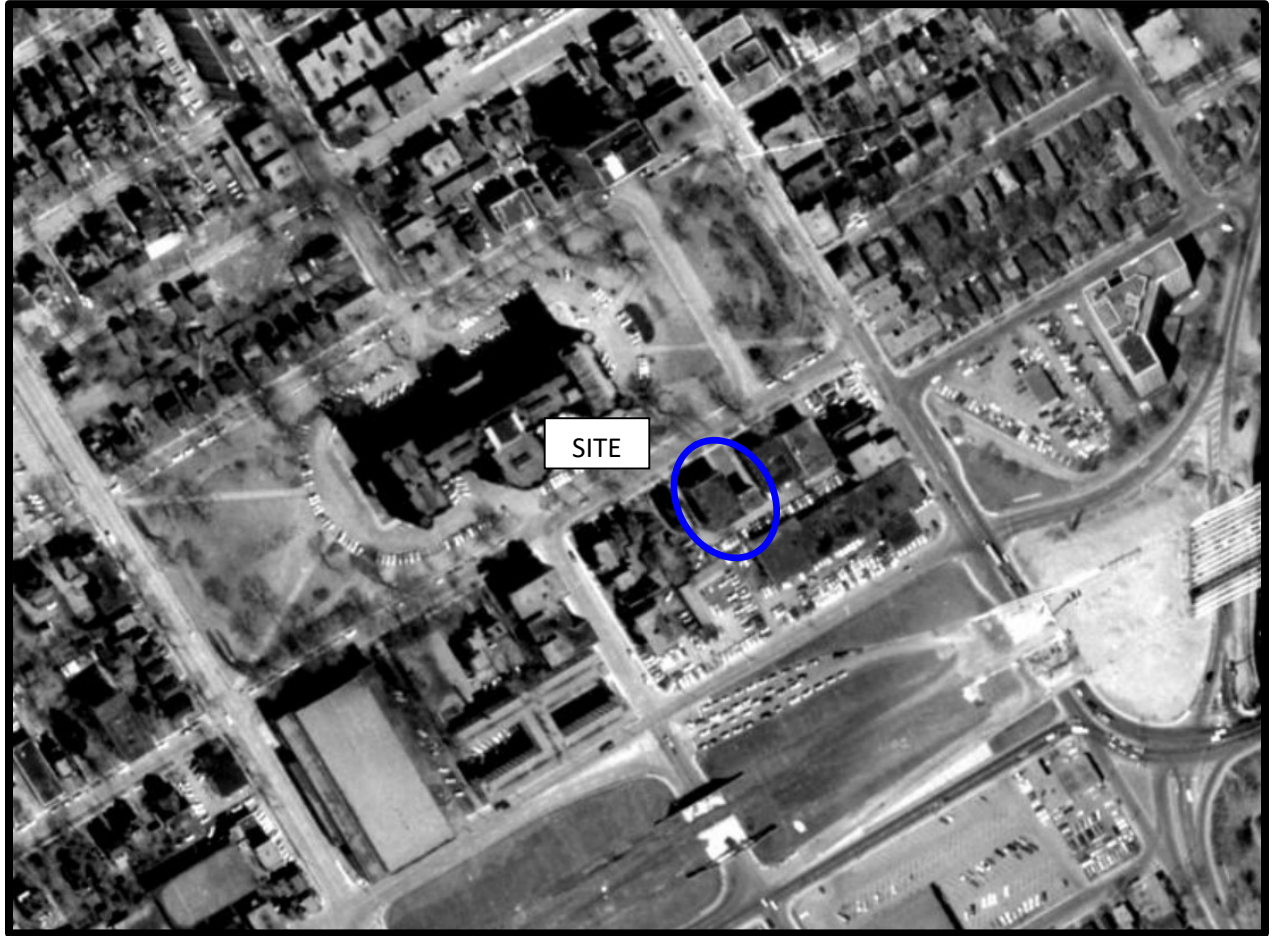
CHAIN OF TITLE



AERIAL PHOTOGRAPH
1928



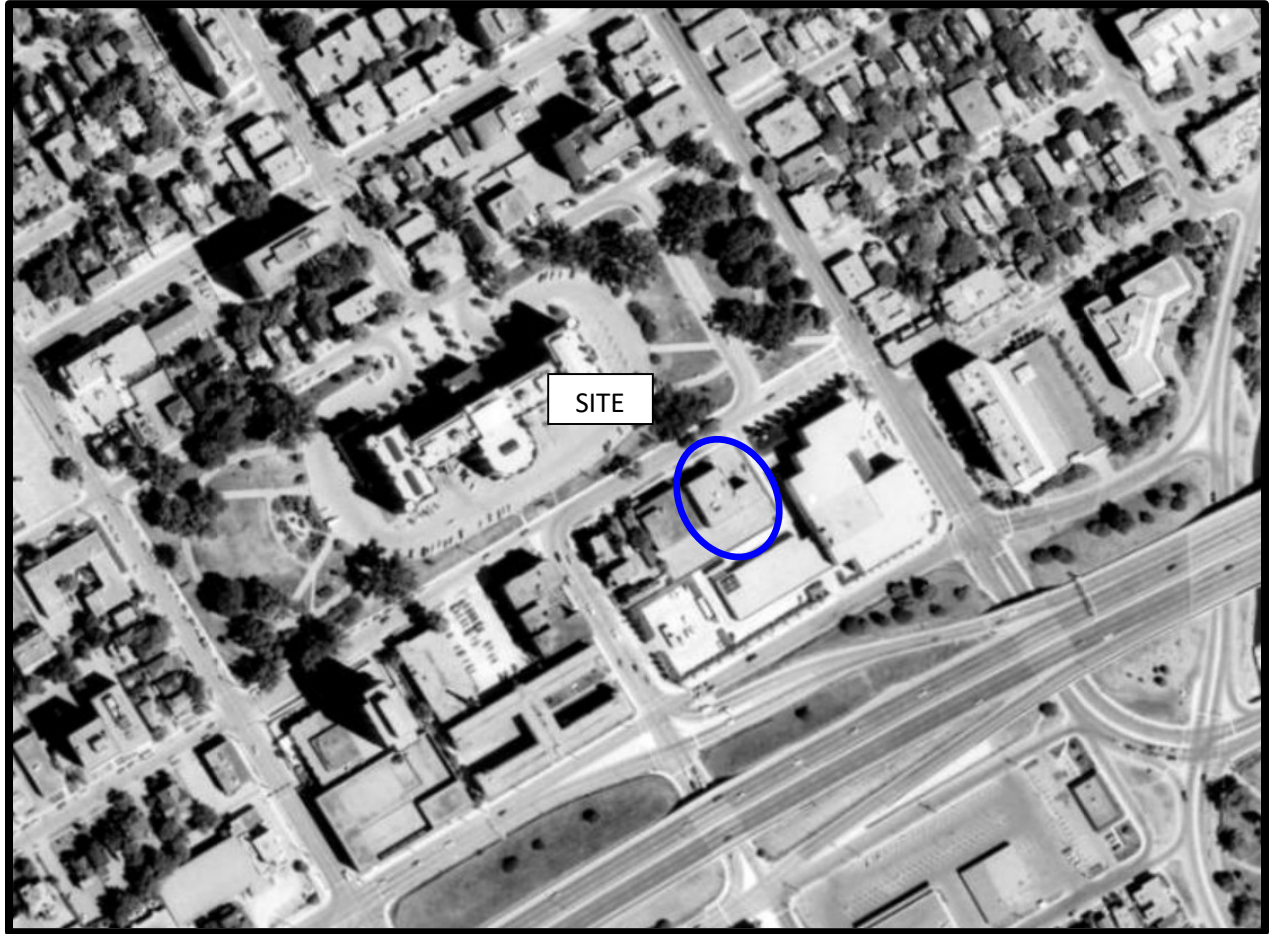
AERIAL PHOTOGRAPH
1958



AERIAL PHOTOGRAPH
1965



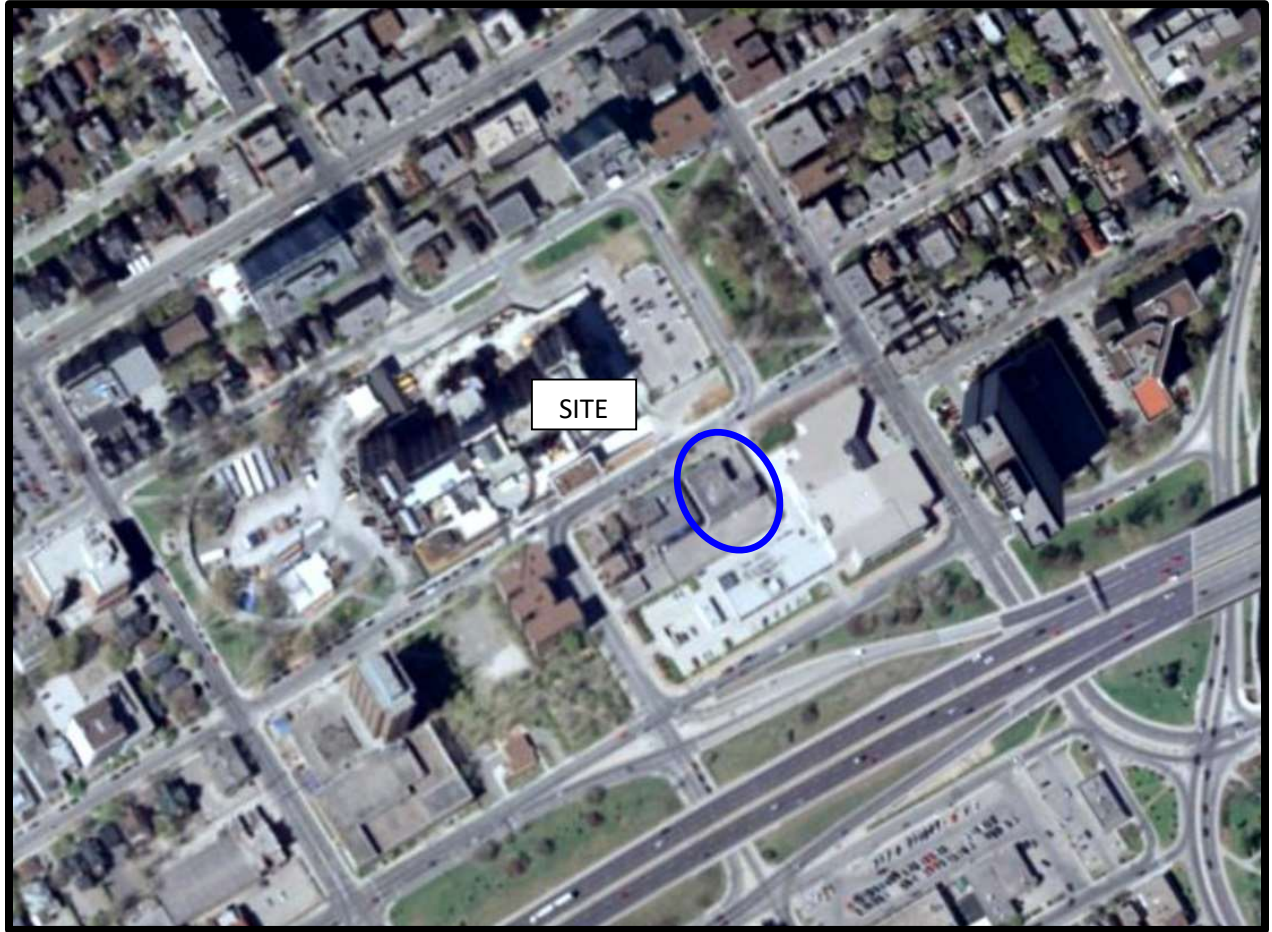
AERIAL PHOTOGRAPH
1978



AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
1999



AERIAL PHOTOGRAPH
2007



AERIAL PHOTOGRAPH
2017



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Fax: 613-236-3677

ENVIRONMENTAL SEARCH

Paterson Group
Attn: Michael Beaudoin

BRIEF DESCRIPTION OF LAND:

100 Argyle Ave, Ottawa
Lot 3 and Part lot 4, Plan 30, South Argyle Ave

PIN: 04123-0063

LAST REGISTERED OWNER: 100 ARGYLE CORPORATION

CHAIN OF TITLE:

Lot 3:

Deed NP3553 registered May 10, 1875
From Ann C Stewart to John Courtney

Deed NP7993 registered Oct 18, 1882
From John Courtney to John Flay

Deed NP11828 registered June 29, 1887
From John Flay to Elizabeth Elliott

Deed NP11989 registered October 8, 1884
From Elizabeth Elliott to Norman Bethune

Deed CR68617 registered September 4, 1903
From Norman Bethune to Mary Carroll

Deed CR77318 registered May 1, 1906
From Mary Carroll to Peter Currie

Deed CR143444 registered Sept 20, 1918

From Estate of Norman Bethune to Leonard Palmer

Deed 192076 registered April 23, 1928
From Peter Currie to Joel Adams

Deed 205303 registered Sept 14, 1931
From Joel Adams to Cecil Cathcart

Deed 220921 registered April 2, 1937
From Cecil Cathcart to Evelyn Lambert

Deed 237774 registered March 19, 1942
From Estate of Ada Palmer to Leonard Palmer

Deed 256992 registered Feb 20, 1946
From Leonard Palmer to Lawrence Little and Elizabeth Little

Deed 257711 registered March 30, 1946
From Evelyn Lambert to Gladys Rothwell

Deed 300399 registered May 5, 1952
From Lawrence Little and Elizabeth Little to Gwendolyn A Parsons trustee

Deed 313183 registered July 28, 1953
From Gwendolyn A Parsons trustee to Richard Cargill, Robert Nesbitt, John Ruddicombe, Goldwin Smith, Clinton Whyte

Deed 314992 registered Oct 2, 1953
From Gladys Rothwell to Patco Limited

Deed 321055 registered May 7, 1954
From Richard Cargill, Robert Nesbitt, John Ruddicombe, Goldwin Smith, Clinton Whyte to Aaron Mosher and Donald MacDonald

Deed 330802 registered March 2, 1955
From Aaron Mosher and Donald MacDonald to Labour Centre CCL (Ottawa) Limited

Deed 342116 registered Jan 16, 1956
From Patco Limited to Mary Jodoin, James Whitebone, Geroge Schollie, William Jenoves, Carl Berg, Roland Gervin, Gordon Cushing, in trust for trades and Labour Congress of Canada

Deed 355213 registered Jan 24, 1957
From Mary Jodoin, James Whitebone, Geroge Schollie, William Jenoves, Carl Berg, Roland Gervin, Gordon Cushing, in trust for trades and Labour Congress of Canada to Labour Centre C.C.L. (Ottawa) Ltd

Deed 628688 registered April 6, 1973
From Labour Centre C.L.C. (Ottawa) Limited to T. E. McLaughlin Development Associates Limited

Foreclosure NS52030 registered May 9, 1979
To Camm W. Ure

Deed NS58164 registered July 3, 1979
From Camm W. Ure to 100 Argyle Avenue Limited

Lease NS90571 registered July 9, 1980
From 100 Argyle Avenue Limited to Centretown Health Care Inc.

Lease NS91850 registered July 23, 1980
From 100 Argyle Avenue Limited to Victorian Order of Nurses

Deed NS181674 registered March 1, 1983
From 100 Argyle Avenue Limited to Rhodes & Williams Limited

Determination of lease NS183593 registered March 21, 1983
RE: Lease NS91850

Determination of lease NS198305 registered July 5, 1983
RE: Lease NS90571

Deed N660035 registered May 28, 1993
From Rhodes & Williams Limited to N & D Properties (Ottawa) Limited

Deed OC1399602 registered Aug 17, 2012
From N & D Properties (Ottawa) Limited to 100 Argyle Corporation

Lot 4:

Deed NP3553 registered May 10, 1875
From Ann C Stewart to John Courtney

Deed 34827 registered May 19, 1891
From John Courtney to James Davidson

Deed 41586 registered May 23, 1894
From James Davidson to William Morris

Deed 42280 registered Sept 22, 1894
From William Morris to William Bousens

Deed 46423 registered May 8, 1896
From William Bousens to George Robb

Deed 105025 registered June 6, 1911
From George Robb to John Black

Deed 142017 registered April 15, 1918
From John Black to Sarah Black

Deed 224049 registered March 25, 1938
From Estate of Elizabeth Black to Lillian Scott

Deed 225112 registered June 25, 1938
From Estate of Sarah Black to Lillian Scott

Deed 242208 registered May 19, 1943
From Lillian Scott to Gwendolen Spalding and C. Winnifred Smith

Deed 309472 registered April 1, 1953
From Estate of Gwendolen Spalding and Estate of Charlotte W Smith to Robert Nesbitt trustee

Deed 313184 registered July 28, 1953
From Robert Nesbitt trustee to Richard Cargill, Robert Nesbitt, John Ruddicombe, Goldwin Smith, Clinton Whyte

Deed 321055 registered May 7, 1954
From Richard Cargill, Robert Nesbitt, John Ruddicombe, Goldwin Smith, Clinton Whyte to Aaron Mosher and Donald MacDonald

Deed 330802 registered March 2, 1955
From Aaron Mosher and Donald MacDonald to Labour Centre CCL (Ottawa) Limited

Deed 628688 registered April 6, 1973
From Labour Centre C.L.C. (Ottawa) Limited to T. E. McLaughlin Development Associates Limited

Foreclosure NS52030 registered May 9, 1979
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From 100 Argyle Avenue Limited to Victorian Order of Nurses

Deed NS181674 registered March 1, 1983
From 100 Argyle Avenue Limited to Rhodes & Williams Limited

Determination of lease NS183593 registered March 21, 1983
RE: Lease NS91850

Deed N660035 registered May 28, 1993
From Rhodes & Williams Limited to N & D Properties (Ottawa) Limited

Deed OC1399602 registered Aug 17, 2012
From N & D Properties (Ottawa) Limited to 100 Argyle Corporation

APPENDIX 2

MECP FREEDOM OF INFORMATION SEARCH

WATER WELL RECORDS

ERIS DATABASE REPORT

CITY OF OTTAWA HLUI SEARCH

TSSA CORRESPONDENCE

Ministry of the Environment, Conservation and Parks

Freedom of Information Request for Property Information

Instructions

Use this form to:

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

Fields marked with an asterisk (*) are mandatory.

Are you: *

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

Section 1 – Description of Records Requested

Time Period for Records Requested

From (yyyy/mm/dd) *

1900/01/01

To (yyyy/mm/dd) *

2021/01/01

Type of Record(s) *

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

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

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

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

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

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

Other Specific Document(s)

Type of Approval/Registration *

- Drinking Water Licenses
- No Supporting Documents All Supporting Documents Some Supporting Documents
- Pesticide Licenses

Only pesticide licenses post September 2018 are available. Prior to September 2018, only Pesticide license applications and supporting documentation is available

No Supporting Documents All Supporting Documents Some Supporting Documents

Permits to Take Water

Noise Vibrations Approvals/Registrations

No Supporting Documents All Supporting Documents Some Supporting Documents

Air Emissions Approvals/Registrations

No Supporting Documents All Supporting Documents Some Supporting Documents

Water Approvals/Registrations - Ontario Water Resources Commission, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster), mains

No Supporting Documents All Supporting Documents Some Supporting Documents

Sewage – Treatment, Stormwater, Storm, Leachate & Lieachate Treatment & Sewage pump stations, Sanitary

No Supporting Documents All Supporting Documents Some Supporting Documents

Waste Water - Industrial discharge

No Supporting Documents All Supporting Documents Some Supporting Documents

Waste Sites - Disposal, Landfill sites, Transfer stations, Processing sites, Incinerator sites

No Supporting Documents All Supporting Documents Some Supporting Documents

Waste Management Systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, Polychlorinated Biphenyls (PCBs) storage, transfer or destruction, Waste Generator Systems

No Supporting Documents All Supporting Documents Some Supporting Documents

Company Name

Waste Generator Registration - number/class

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

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

Section 2 – Requester Information

Last Name *

Berube

First Name *

Samuel

Middle Initial

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

Paterson Group Inc.

Project/Reference Number (if applicable)

PE4365

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

Yes No

Mailing Address

Unit Number

Street Number *

Street Name *

100

Argyle Avenue

PO Box

City/Town *

Province *

Postal Code *

Ottawa

ON

K2E 7J5

Telephone Number *

Email Address *

613-226-7381

ext.

sberube@patersongroup.ca

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

Yes No

Section 3 – Current Property Address Information

Is the property a:

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

Are you requesting information about multiple addresses? *

Yes No

Property Address

Unit Number

Street Number

Street Name

100

Argyle Avenue

Full Lot Number

Concession

Geographic Township

3 and 4

C

Nepean

City/Town/Village *

Ottawa

Closest Intersection

Argyle Avenue and Metcalfe Street

Section 4 – Previous Property Address Information

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

Yes No

Section 5 – Owner Information

Please provide all present and previous property owner and/or tenant names for the search years requested.

Current Property Owner/Tenant

100 Argyle Avenue

Lot 3 and 4 Conc C Nepean

Ottawa

Owner Name

Colonnade Bridgeport

Date of Ownership (yyyy/mm/dd)

Tenant Name

Section 6 – Supporting Documents

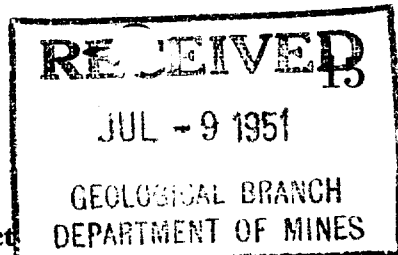
Please upload any documents (e.g. Maps) that are relevant to your FOI request.

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

1. File Name

Total File Size

Payment confirmation number: 21402775



No. 8110

U.T.M. 118Z 44611710E
19R 510218191010N
Elev. 19R 021310
Basin 25

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

CARLETON D. [redacted] Village, Town or City... Ottawa
[redacted] Downning Ave.
Ottawa

Date Completed. Sept 6 1950 Cost of Well (excluding pump).....

Pipe and Casing Record

Pumping Test

Casing diameter(s)..... 4 inch	Date.....
Length(s) of casing(s)..... 18 feet	Static level..... 20 ft.
Type of screen.....	Pumping level..... 5.5
Length of screen.....	Pumping rate..... all wells per pump
Distance from top of screen to ground level.....	Duration of test.....
Is well a gravel-wall type?.. no	Distance from cylinder or bowls to ground level.....

Water Record

Kind (fresh or mineral)..... mineral	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur, etc.)..... Sulphur	55	Sulphur	35
Appearance (clear, cloudy, coloured)..... Clear			
For what purpose(s) is the water to be used?.. house hold use			
How far is well from possible source of contamination?.. Sepsic tank			
What is the source of contamination?.. 25 feet			
Enclose a copy of any mineral analysis that has been made of water.....			

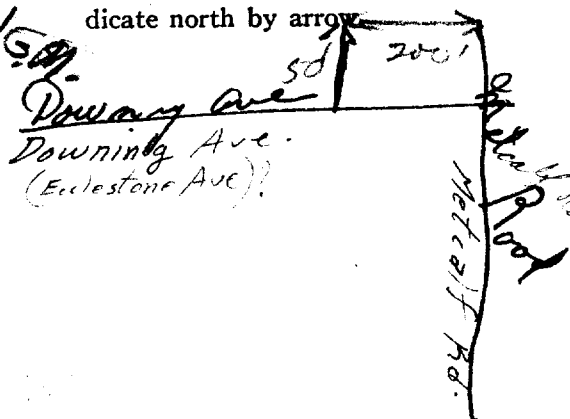
Well Log

Overburden and Bedrock Record

	From	To
	0 ft.ft.
earth	0	18
slate rock	18	60
		78

Location of Well

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



Situation: Is well on upland, in valley, or on hillside?.. upland

Drilling Firm.. Gordon's Drilling

Address.. [redacted]

Name of Driller.. James Kellie

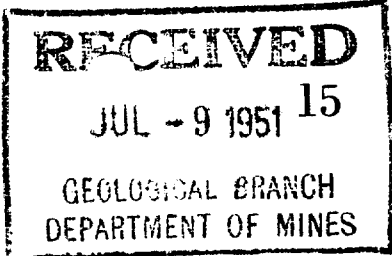
Date.. Sept 6 1950

Address.. Ramsayville

Licence Number.....

Signature of Licensee

82



8112
X



UTM | 118 | 2 | 414611410 | E
| 9 | R | 51021819210 | N
Elev. | 9 | R | 021310 |
Basin | 25 | | | |

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

CARLETON Hill [redacted] Village, Town or City... Ottawa
[redacted] Town or City... Donning Avenue
Ottawa

Date Completed... Sept (day) 21 (month) 1950 (year) Cost of Well (excluding pump).....

Pipe and Casing Record

Pumping Test

Casing diameter(s) ... <u>4 inch</u>	Date.....
Length(s) of casing(s) ... <u>20 ft</u>	Static level... <u>20'</u>
Type of screen.....	Pumping level... <u>75'</u>
Length of screen.....	Pumping rate.....
Distance from top of screen to ground level.....	Duration of test.....
Is well a gravel-wall type? ... <u>no</u>	Distance from cylinder or bowls to ground level.....

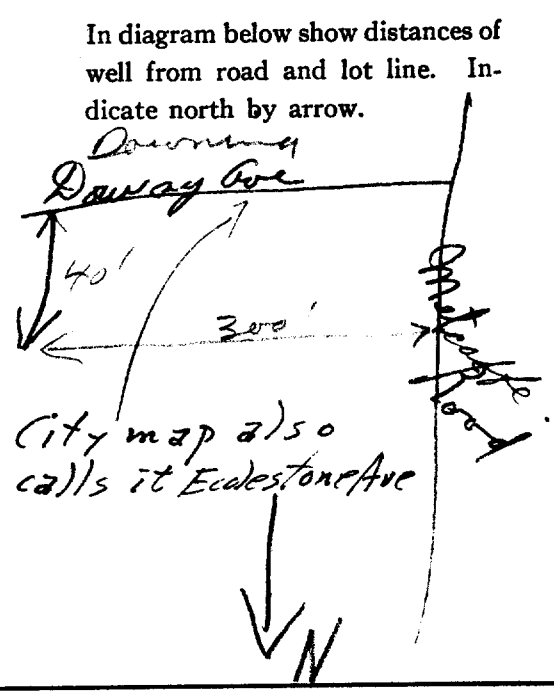
Water Record

Kind (fresh or mineral) ... <u>fresh</u>	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur, etc.) ... <u>soft</u>			
Appearance (clear, cloudy, coloured) ... <u>clear</u>	<u>80 ft</u>	<u>fresh</u>	<u>70</u>
For what purpose(s) is the water to be used? ... <u>house hold</u>			
How far is well from possible source of contamination? ... <u>28 ft</u>			
What is the source of contamination? ... <u>Septic tank</u>			
Enclose a copy of any mineral analysis that has been made of water.....			

Well Log

Overburden and Bedrock Record	From	To
	0 ft.ft.
<u>loam</u>	<u>0</u>	<u>20</u>
<u>Slate Rock</u>	<u>20</u>	<u>90</u>

Location of Well



Situation: Is well on upland, in valley, or on hillside? ... upland
 Drilling Firm... Gordon S. Mulligan
 Address... Weston
 Name of Driller... James Kellie Address... Barnsbyville
 Date... Sept 27 - 1950 Licence Number.....

Signature of Licensee

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 Help Desk (Toll Free) at 1-888-396-9355.
- **All metre measurements shall be reported to 1/10th of a metre.**
- Please print clearly in blue or black ink only.

Ministry Use Only

Address of well Location (County/District/Municipality) _____ Township _____ Lot _____ Concession _____

RR#/Street Number/Name **424 Metcalfe Street** City/Town/Village **Ottawa** Site/Compartment/Block/Tract etc. _____

GPS Reading NAD **83** Zone **18** Easting **1446180** Northing **5028889** Unit Make/Model _____ Mode of Operation: Undifferentiated Averaged Differentiated, specify _____

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth	
				From	Metres To
Brown/Gray	Fill - granular fill clay + silt.			0	1.3
Grey	Fill - Buck & concrete			1.3	1.9
Grey	Clay			1.9	3.9
Grey	Silty			3.9	4.5
4 Monitoring well installations as a cluster as per Ont MOE Reg 903 (typical).					

Hole Diameter

Depth From	Metres To	Diameter Centimetres
0	4.5	20

Water Record

Water found at _____ Metres / Kind of Water

m Fresh Sulphur
 Gas Salty Minerals
 Other: _____

m Fresh Sulphur
 Gas Salty Minerals
 Other: _____

m Fresh Sulphur
 Gas Salty Minerals
 Other: _____

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

Chlorinated Yes No

Construction Record

Inside diam centimetres	Material	Wall thickness centimetres	Depth	
			From	Metres To
51 mm	<input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized	40	0	1.3
58 mm	<input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized	10	1.5	4.5

Casing

Steel Fibreglass
 Plastic Concrete
 Galvanized

Screen

Outside diam Plastic Concrete Galvanized Slot No. _____

No Casing or Screen Open hole

Test of Well Yield

Pumping test method	Draw Down		Recovery	
	Time min	Water Level Metres	Time min	Water Level Metres
Pump intake set at - (metres)	Static Level			
Pumping rate - (litres/min)	1		1	
Duration of pumping _____ hrs + _____ min	2		2	
Final water level end of pumping _____ metres	3		3	
Recommended pump type. <input type="checkbox"/> Shallow <input type="checkbox"/> Deep	4		4	
Recommended pump depth. _____ metres	5		5	
Recommended pump rate. (litres/min)	10		10	
If flowing give rate - (litres/min)	15		15	
	20		20	
	25		25	
	30		30	
	40		40	
	50		50	
	60		60	

Plugging and Sealing Record Annular space Abandonment

Depth set at - Metres From	To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
0.5	1.3	Bentonite	20 kg

Location of Well

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

Please see attached site plan.

Audit No. **Z 58334** Date Well Completed **2007 MM 13 DD 13**

Was the well owner's information package delivered? Yes No Date Delivered _____

Method of Construction

Cable Tool Rotary (air) Diamond Digging
 Rotary (conventional) Air percussion Jetting Other
 Rotary (reverse) Boring Driving Auger

Water Use

Domestic Industrial Public Supply Other
 Stock Commercial Not used Sample
 Irrigation Municipal Cooling & air conditioning

Final Status of Well

Water Supply Recharge well Unfinished Abandoned, (Other)
 Observation well Abandoned, insufficient supply Dewatering
 Test Hole Abandoned, poor quality Replacement well

Well Contractor/Technician Information

Name of Well Contractor **George Downing Estate Drilling Ltd.** Well Contractor's Licence No. **1844**

Business Address (street name, number, city etc.) **410 Main St. Grenville Sur La Riviere De Joli BO**

Name of Well Technician (last name, first name) **Downing Bruce** Well Technician's Licence No. **T2173**

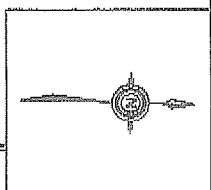
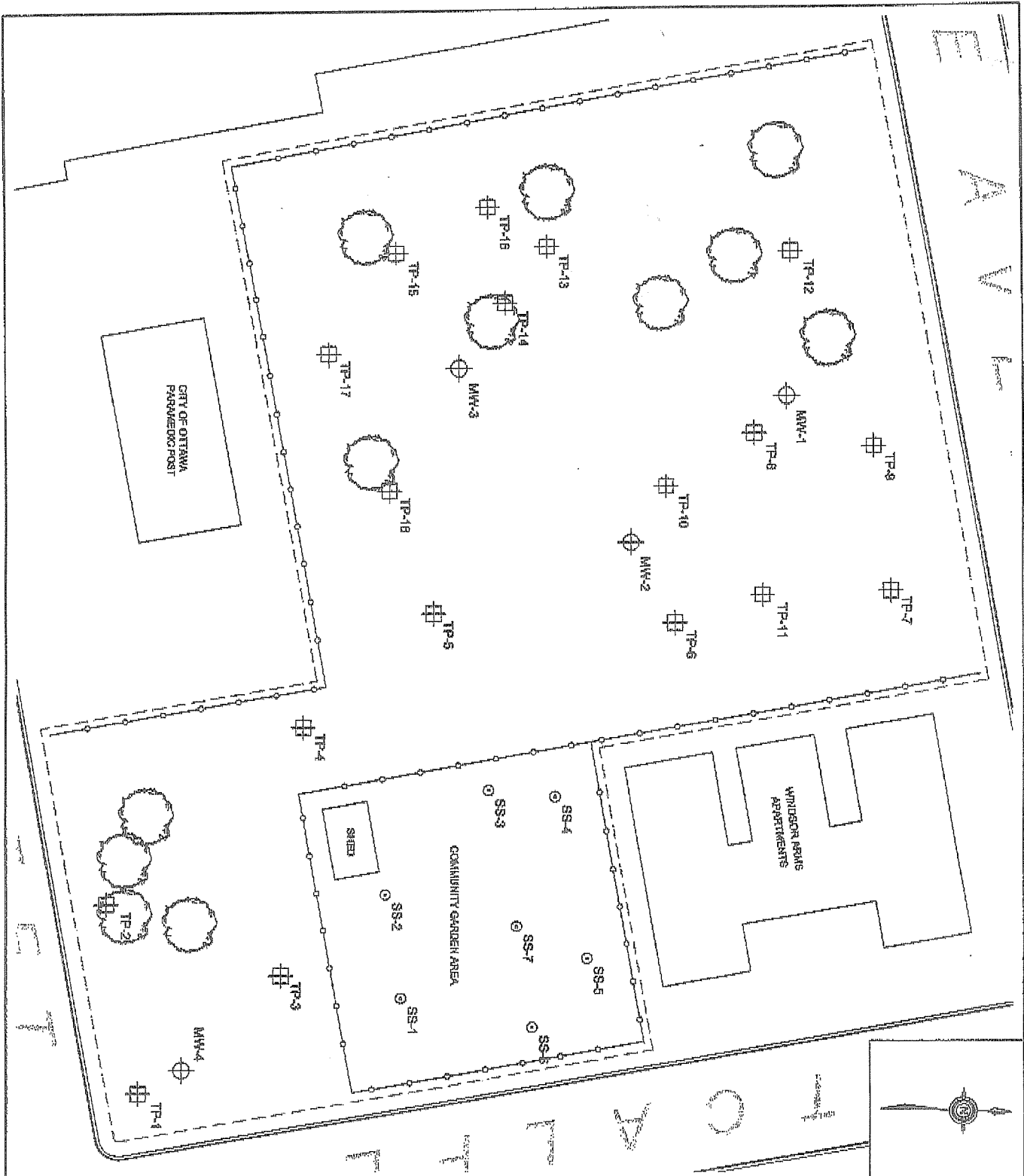
Signature of Technician/Contractor **[Signature]** Date Submitted **2007 MM 10 DD 04**

Ministry Use Only

Data Source _____ Contractor **1844**

Date Received _____ Date of Inspection _____

Remarks _____ Well Record Number _____



LEGEND

- APPROXIMATE LOCATION OF SITE PERIMETER
- TREES
- FENCE
- ⊕ SURVEY SOIL SAMPLE LOCATION
- ⊕ TP-1 TEST PIT LOCATION

Z58334
1844
JUN 04 2007

TITLE:
SURFACE SOIL SAMPLE TESTING, BOREHOLE AND MONITORING WELL LOCATION PLAN
PHASE II ESA
Former Beaver Barriacks
424 Maricopa Street
Ottawa, Ontario
K1P 1A1

CLIENT:
CITY OF OTTAWA
REAL ESTATE SERVICES
110 Laurier Avenue West
Ottawa, Ontario
K1P 1A1

DRAWN BY: BSI
CHECKED BY: KKH
DATE: MARCH 2007
PROJECT NO.: T271023
SCALE: 1:500

FIGURE NO.: 3

Measurements recorded in: Metric Imperial

A 081085

A081085

6269 Page 1 of 1

Well Owner's Information

First Name: Properties Last Name / Organization: Proviyo Ltée E-mail Address: Well Constructed by Well Owner
 Mailing Address (Street Number/Name): 400 Ave Ste-Croix Municipality: St Laurent Province: Quebec Postal Code: H4M3L4 Telephone No. (inc. area code): 514 383 8800

Well Location

Address of Well Location (Street Number/Name): 64 Isabella 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:

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
Brown	Fill		Loose	0	5'
Grey	Clay		Loose	5'	18'

Annular Space

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0 - 1'	Concrete	0.0005 m³
1' - 7'	Benseal	0.0035 m³
7' - 18'	SAND	0.0055 m³

Results of Well Yield Testing

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

Construction Record - Casing

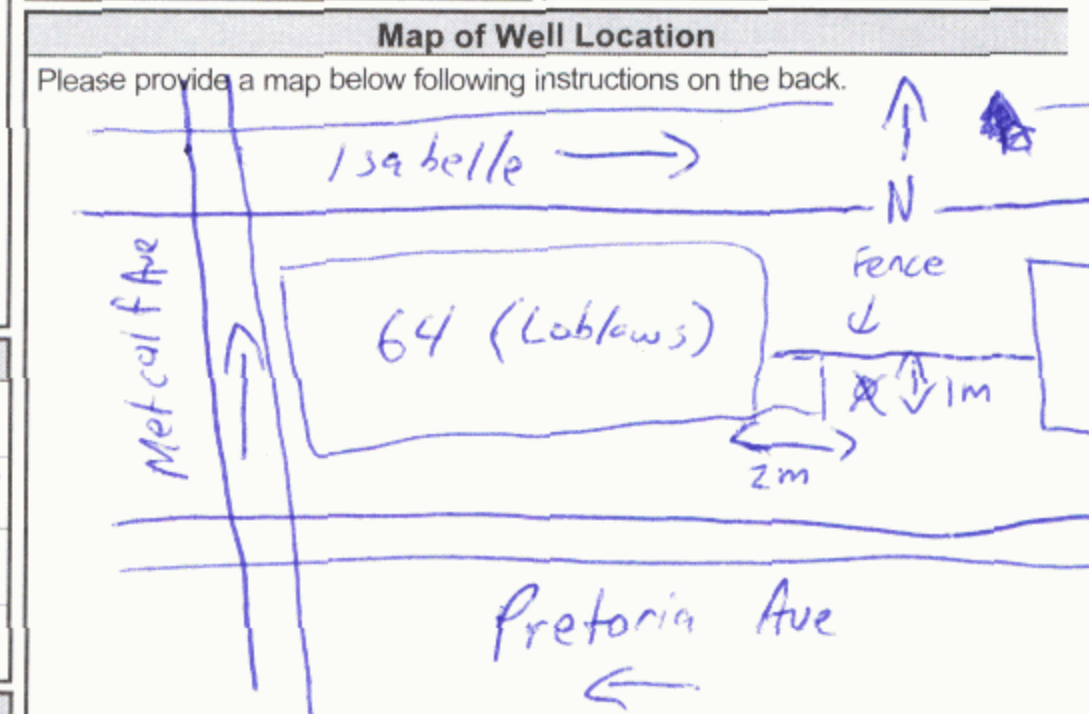
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
1.0"	PVC	0.25	0	8'	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify <input type="checkbox"/> Other, specify

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
1.25"	PVC	10	8'	12'

Water Details

Water found at Depth (m/ft)	Kind of Water:	Hole Diameter
	<input type="checkbox"/> Fresh <input type="checkbox"/> Untested	Depth (m/ft): From To Diameter (cm/in)
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	0 18' 5.71"



Well Contractor and Well Technician Information

Business Name of Well Contractor: Strata Soil Sampling Inc Well Contractor's Licence No.: 7421
 Business Address (Street Number/Name): 147/2 West Beaver Creek Municipality: Richmond Hill
 Province: Ontario 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): Muir, Mike
 Well Technician's Licence No.: 3448 Signature of Technician and/or Contractor: [Signature] Date Submitted: 20090428

Comments:

Well owner's information package delivered: Yes No

Date Package Delivered: YYY Y MM DD: 2009 04 08

Date Work Completed: 2009 04 08

Ministry Use Only

Audit No. Z 88886

Received MAY 07 2009

Well Owner's Information

First Name: **Loblaws** Last Name / Organization: _____ E-mail Address: _____ Well Constructed by Well Owner

Mailing Address (Street Number/Name): **1 President choice circle 4th fl. S. Tower Brampton** Municipality: **ON** Province: **ON** Postal Code: **L6Y5S5** Telephone No. (inc. area code): _____

Well Location

Address of Well Location (Street Number/Name): **64 Isabella St.** Township: _____ Lot: _____ Concession: _____

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

UTM Coordinates: Zone: **18** Easting: **446291** Northing: **5028752** 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
Bm	Gravel	Sand	Hard, dry	0	1.83
Grg	Clay		Wet, soft	1.83	4.88

Annular Space

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
0 to 0.31	Concrete / flushmount	
0.31 to 1.5	Benseal	
1.5 to 4.88	Sand	

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

Static Level	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
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 **Direct Push** 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	
3.45	PVC	0.356	0	1.83	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
4.21	PVC	10	1.83	4.88

Water Details

Water found at Depth (m/ft)	Kind of Water:	Hole Diameter
	<input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Depth (m/ft): From: 0 To: 4.88 Diameter (cm/in): 8.25
	<input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	
	<input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	

Well Contractor and Well Technician Information

Business Name of Well Contractor: **Stata Soil Sampling** Well Contractor's Licence No.: **7241**

Business Address (Street Number/Name): **2-147 west Beaver Dr** Municipality: **Richmond Hill**

Province: **ON** Postal Code: **L4B1C6** Business E-mail Address: **wrecords@statasoil.com**

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

Well Technician's Licence No.: **3448** Signature of Technician and/or Contractor: *[Signature]* Date Submitted: **20100315**

Map of Well Location

Please provide a map below following instructions on the back.

Comments: _____

Well owner's information package delivered: Yes No

Date Package Delivered: **Y|Y|Y|Y|M|M|D|D**
20|10|02|24

Date Work Completed: _____

Ministry Use Only
 Audit No.: **2100127**
 Received: **MAR 24 2010**

Measurements recorded in: Metric Imperial

A 091017

A091017

7177 Page 2 of 4

Well Owner's Information

First Name: **Loblaws** Last Name / Organization: _____ E-mail Address: _____ Well Constructed by Well Owner

Mailing Address (Street Number/Name): **1 President choice circle 4th fl. S. Tower Brampton** Municipality: **Brampton** Province: **ON** Postal Code: **L6Y 5S5** Telephone No. (inc. area code): _____

Well Location

Address of Well Location (Street Number/Name): **64 Isabella st** Township: _____ Lot: _____ Concession: _____

County/District/Municipality: _____ City/Town/Village: _____ Province: **Ontario** Postal Code: _____

UTM Coordinates: Zone **18** Easting **446301** Northing **5028805** 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
Brn	Gravel	sand	hard, dry	0	1.83
Gry	clay		soft, dry	1.83	3.66
Gry	clay		soft, wet	3.66	5.79

Annular Space

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
0 to 0.31	Concrete / flushmount	
0.31 to 2.44	sand Benseal	
2.44 to 5.79	Sand	

Results of Well Yield Testing

After test of well yield, water was:	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
<input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify _____				
If pumping discontinued, give reason:	Static Level			
Pump intake set at (m/ft)	1		1	
Pumping rate (l/min / GPM)	2		2	
Duration of pumping (hrs + min)	3		3	
Final water level end of pumping (m/ft)	4		4	
If flowing give rate (l/min / GPM)	5		5	
Recommended pump depth (m/ft)	10		10	
Recommended pump rate (l/min / GPM)	15		15	
Well production (l/min / GPM)	20		20	
Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No	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 **Direct Push** 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	
3.45	PVC	.356	0	2.74	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
4.21	PVC	10	2.74	5.79

Water Details

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Hole Diameter
0		Depth (m/ft) From: 0 To: 5.79 Diameter (cm/in): 8.25

Well Contractor and Well Technician Information

Business Name of Well Contractor: **Stada Soil Sampling** Well Contractor's Licence No.: **72411**

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

Province: **ON** Postal Code: **L4B1C6** Business E-mail Address: **wrecords@stadaoil.com**

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

Well Technician's Licence No.: **3448** Signature of Technician and/or Contractor: _____ Date Submitted: **20100365**

Map of Well Location

Please provide a map below following instructions on the back.

Comments: _____

Well owner's information package delivered: Yes No

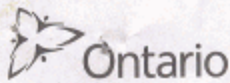
Date Package Delivered: **20100224**

Date Work Completed: **20100224**

Ministry Use Only

Audit No.: **2100126**

Received: **MAR 24 2010**



Measurements recorded in: Metric Imperial

A 091018

A091018

7177

Page 3 of 4

Well Owner's Information

First Name: Loblaws, Last Name / Organization: , E-mail Address: , Well Constructed by Well Owner:
Mailing Address (Street Number/Name): 1 President Choice Circle 4th Floor S. Tower, Municipality: Brampton, Province: ON, Postal Code: L6Y 5S5, Telephone No. (inc. area code):

Well Location

Address of Well Location (Street Number/Name): 64 Isabella St., Township: , Lot: , Concession: , City/Town/Village: Ottawa, Province: Ontario, Postal Code: , UTM Coordinates: NAD 83 181446393 5028837, 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 Brn sand, Grg clay, and Grg clay.

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/Flushmount, Benseal, and Sand.

Method of Construction and Well Use section with checkboxes for Cable Tool, Rotary, Boring, etc., and Public, Commercial, Municipal, etc.

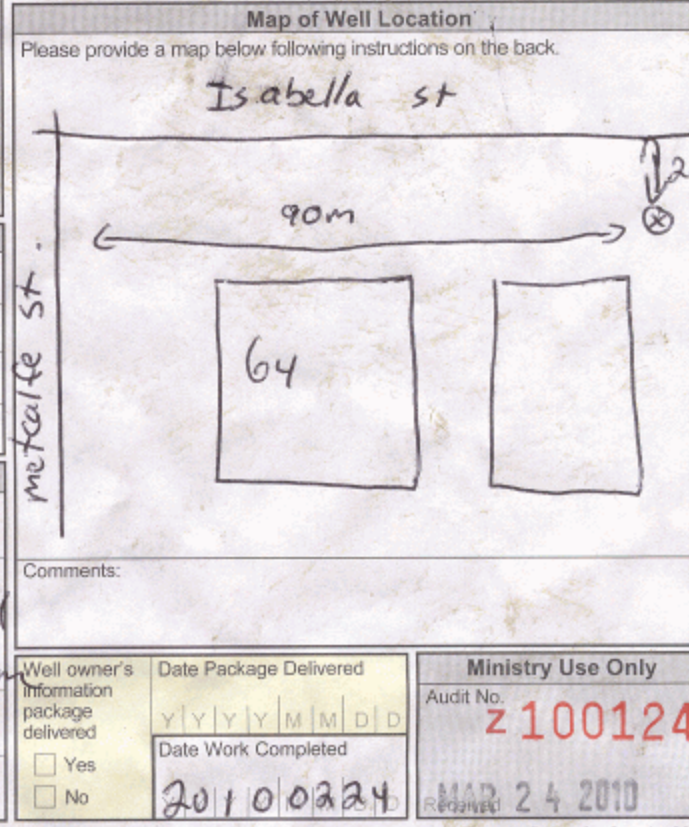
Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To. Row includes PVC casing from 0 to 1.83m.

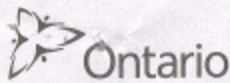
Construction Record - Screen table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To. Row includes PVC screen from 1.83 to 4.88m.

Water Details and Hole Diameter section with tables for water depth and kind, and hole diameter depth and diameter.

Well Contractor and Well Technician Information section with fields for Business Name, Address, Licences, and Signatures.

Results of Well Yield Testing table with columns: Draw Down (Time, Water Level), Recovery (Time, Water Level). Includes data for static level, pump intake, and pumping rate.





Measurements recorded in: Metric Imperial

A 091019

7177 Page 4 of 4

Well Owner's Information

First Name: Loblaw's, Last Name / Organization: , E-mail Address: , Well Constructed by Well Owner:
Mailing Address (Street Number/Name): 1 President choice circle 4th Fl. 5 Tower Brampton, Municipality: , Province: ON, Postal Code: L6Y5S5, Telephone No. (inc. area code):

Well Location

Address of Well Location (Street Number/Name): 64 Isabella St., Township: , Lot: , Concession: ,
County/District/Municipality: Ottawa, City/Town/Village: Ottawa, Province: Ontario, Postal Code: ,
UTM Coordinates: Zone: 18, Easting: 446355, Northing: 5028836, Municipal Plan and Sublot Number: , Other:

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

Table with 5 columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Rows include: Brn Sand Gravel hard, dry 0 1.83; Gry Clay clay soft, dry 1.83 3.66; Gry Clay clay soft, wet 3.66 5.79

Annular Space table with 3 columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³). Row: 0 .31 Concrete / flushmount

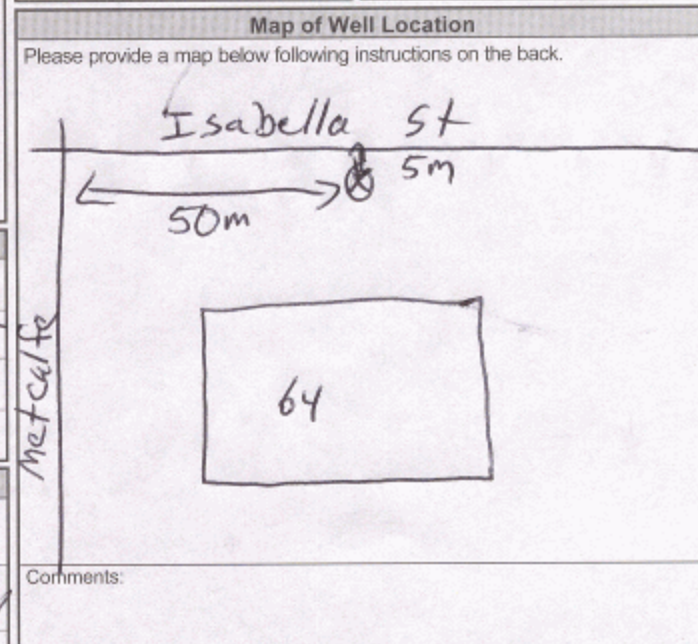
Method of Construction and Well Use checkboxes. Method of Construction: Direct push. Well Use: Test Hole, Monitoring.

Construction Record - Casing and Screen tables. Casing: Inside Diameter 3.45, Material PVC, Wall Thickness .356, Depth 0 to 2.74. Screen: Outside Diameter 4.21, Material PVC, Slot No. 10, Depth 2.74 to 5.79.

Water Details and Hole Diameter tables. Water Details: 3 rows of depth and kind of water. Hole Diameter: Depth 0 to 5.79, Diameter 8.25.

Well Contractor and Well Technician Information. Business Name: Strata Soil Sampling, Licence No: 7241, Business Address: 2147 west Beaver Creek Dr Richmond Hill, Well Technician: Mait, Mike, Licence No: 3448, Date Submitted: 20100305.

Results of Well Yield Testing table. Columns: Draw Down (Time, Water Level), Recovery (Time, Water Level). Rows for static level, pump intake, pumping rate, duration, final water level, flowing give rate, recommended pump depth, recommended pump rate, well production, disinfected.



Ministry Use Only section. Audit No: 2100125, Date Work Completed: 20100124, Received: MAR 24 2010.



Ministry of the Environment

Well Tag No. / Date Sticker and/or Print Below

A 087398 A087398

Well Record

Regulation 903 Ontario Water Resources Act

S-2093 Page 2 of 2

Measurements recorded in: Metric Imperial

Well Owner's Information

First Name: [Redacted] Last Name / Organization: National Capital Region YMCA - YWCA E-mail Address: [Redacted] Well Constructed by Well Owner

Mailing Address (Street Number/Name): 180 Arayle Avenue Municipality: Ottawa Province: ON Postal Code: K2P 1B7 Telephone No. (inc. area code): [Redacted]

Well Location

Address of Well Location (Street Number/Name): 180 Arayle Ave Township: [Redacted] Lot: [Redacted] Concession: [Redacted]

County/District/Municipality: [Redacted] City/Town/Village: Ottawa Province: Ontario Postal Code: [Redacted]

UTM Coordinates: Zone: 18 Easting: 446041 Northing: 5029897 Municipal Plan and Sublot Number: [Redacted] Other: [Redacted]

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

Table with 5 columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From/To. Rows include BRW Top Soil, BRW Silt, BRW Clay.

Annular Space table with 4 columns: Depth Set at (m/ft) From/To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³). Rows include Concrete/Flushmound, Benseal, Sand.

Results of Well Yield Testing table with 4 columns: Draw Down Time (min), Water Level (m/ft), Recovery Time (min), Water Level (m/ft). Includes sections for After test of well yield, pumping discontinued, pump intake set at, pumping rate, duration of pumping, final water level end of pumping, if flowing give rate, recommended pump depth, recommended pump rate, well production, and disinfected?

Method of Construction and Well Use table. Method of Construction includes Cable Tool, Rotary (Conventional/Reverse), Boring, Air percussion, and Other (specify direct push). Well Use includes Public, Commercial, Domestic, Municipal, Livestock, Irrigation, Industrial, Cooling & Air Conditioning, and Not used/Dewatering/Monitoring.

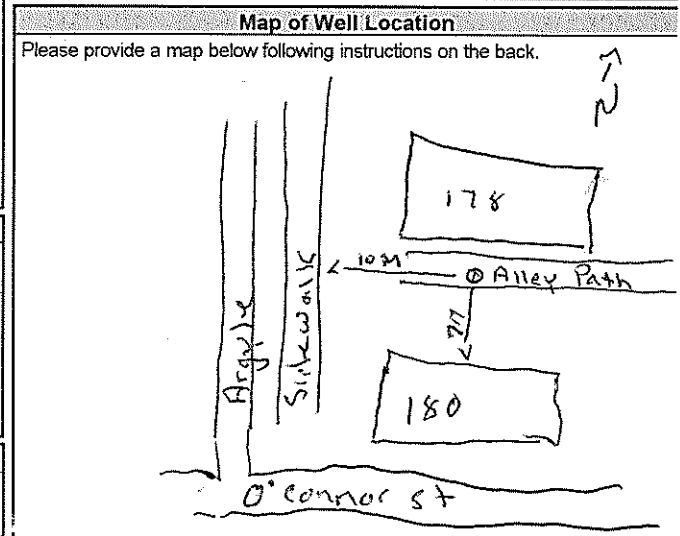
Construction Record - Casing table with 5 columns: Inside Diameter (cm/in), Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel), Wall Thickness (cm/in), Depth (m/ft) From/To, Status of Well. Status of Well includes Water Supply, Replacement Well, Test Hole, Recharge Well, Dewatering Well, Observation and/or Monitoring Hole, Alteration (Construction), Abandoned, Insufficient Supply, Abandoned, Poor Water Quality, Abandoned, other, specify, and Other, specify.

Construction Record - Screen table with 5 columns: Outside Diameter (cm/in), Material (Plastic, Galvanized, Steel), Slot No., Depth (m/ft) From/To, Status of Well. Status of Well includes Abandoned, Poor Water Quality, Abandoned, other, specify, and Other, specify.

Water Details and Hole Diameter table. Water Details includes Water found at Depth (m/ft), Kind of Water (Fresh, Untested, Gas, Other, specify). Hole Diameter includes Depth (m/ft) From/To and Diameter (cm/in).

Well Contractor and Well Technician Information. Business Name of Well Contractor: Strata Soil Sampling. Well Contractor's Licence No.: 712411. Business Address (Street Number/Name): 2-147 West Beaver Creek Rd. Municipality: Richmond Hill.

Province: ON Postal Code: L4B 1K6 Business E-mail Address: wrecords@stratasoil.com Bus. Telephone No. (inc. area code): 905 764 9304 Name of Well Technician (Last Name, First Name): Beuth Brian Well Technician's Licence No.: 316116 Signature of Technician and/or Contractor: [Signature] Date Submitted: 2012/01/23



Comments:

Well owner's information package delivered: Yes No Date Package Delivered: 2012/01/23 Date Work Completed: 2012/01/23 Ministry Use Only: Audit No. 2134452 APR 17 2012



Measurements recorded in: Metric Imperial

A 087399 A087399

18093 Page 2 of 2

Well Owner's Information

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

Well Location

Address of Well Location, Township, Lot, Concession, City/Town/Village, Province, Postal Code, UTM Coordinates, Municipal Plan and Sublot Number

Overburden and Bedrock Materials/Abandonment Sealing Record

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

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

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

Method of Construction and Well Use checkboxes

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

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

Water Details and Hole Diameter tables

Well Contractor and Well Technician Information

Map of Well Location with handwritten diagram and notes

Well owner's information package delivered, Date Package Delivered, Date Work Completed

Ministry Use Only: Audit No., Date Submitted



N/A

Measurements recorded in: Metric Imperial

Well Owner's Information

First Name: CITY OF OTTAWA % Last Name / Organization: CALCOTTI CONSTRUCTION LIMITED E-mail Address: [blank] Mailing Address: 2562 DELZOTTO AVENUE Municipality: OTTAWA Province: ONT Postal Code: K1T3B7 Telephone No.:

Well Location

Address of Well Location: GLADSTONE AVENUE Township: OTTAWA Lot: [blank] Concession: [blank] County/District/Municipality: OTTAWA-CARLETON City/Town/Village: OTTAWA Province: Ontario Postal Code: [blank] UTM Coordinates: Zone: 18 Easting: 446018 Northing: 5029148

Overburden and Bedrock Materials/Abandonment Sealing Record

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Entry: 2" ABANDONMENT - MONITORING WELL, 0' 27'. * BOREHOLE # 12-6

Annular Space table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used; Volume Placed (m³/ft³). Entries: 27' 2' 3/4 HOLE PLUG 1 BAG; 2' 0' BACK FILL

Method of Construction and Well Use checkboxes. Method of Construction: Cable Tool, Rotary, Boring, etc. Well Use: Public, Commercial, Municipal, etc.

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

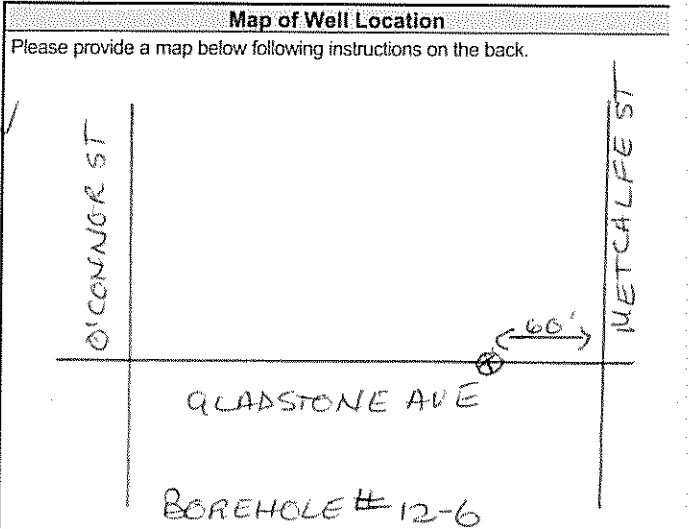
Construction Record - Screen table with columns: Outside Diameter, Material, Slot No., Depth (m/ft) From, To; Status of Well checkboxes.

Water Details and Hole Diameter tables. Water Details: Water found at Depth, Kind of Water. Hole Diameter: Depth (m/ft) From, To, Diameter (cm/in).

Well Contractor and Well Technician Information. Business Name: AIR ROCK DRILLING CO. LTD. Well Contractor's Licence No.: 11119. Business Address: 6659 FRANKTOWN ROAD, RICHMOND.

Well Technician's Licence No., Signature of Technician and/or Contractor, Date Submitted: 2013/09/25

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.



Comments:

Well owner's information package delivered, Date Work Completed: 2013/09/25, Ministry Use Only Audit No: 2155034, Received: NOV 12 2013

N/A

Measurements recorded in: Metric Imperial

Well Owner's Information

First Name CITY OF OTTAWA	Last Name / Organization COLAUTTI CONSTRUCTION LIMITED	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner
Mailing Address (Street Number/Name) 2562 DELZOTTO AVENUE	Municipality OTTAWA	Province ONT	Postal Code K1T3V17
Telephone No. (inc. area code)			

Well Location

Address of Well Location (Street Number/Name) GLADSTONE AVENUE	Township OTTAWA	Lot	Concession
County/District/Municipality OTTAWA-CARLETON	City/Town/Village OTTAWA	Province Ontario	Postal Code
UTM Coordinates Zone NAD 83	Easting 118446214	Northing 5029256	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 From (m/ft)	Depth To (m/ft)
			2" ABANDONMENT-MONITORING WELL	0'	20'
			* BOREHOLE #12-10		

Annular Space		
Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)
20'	2'	3/8 HOLE PLUG
2'	0'	BACK FILL
Volume Placed (m³/ft³)		
1 BAG		

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

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)		<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input checked="" type="checkbox"/> Abandoned, other, specify ROAD CONSTRUCTION <input type="checkbox"/> Other, specify _____
			From	To	

Construction Record - Screen				Status of Well	
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)		
			From	To	<input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

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

Well Contractor and Well Technician Information	
Business Name of Well Contractor AIR ROCK DRILLING CO. LTD	Well Contractor's Licence No. 1119
Business Address (Street Number/Name) 6659 FRANKTOWN ROAD	Municipality RICHMOND
Province ONT	Postal Code K1M2R0
Business E-mail Address	

Bus. Telephone No. (inc. area code) 6138382170	Name of Well Technician (Last Name, First Name) DESAILNIERS Ken
Well Technician's Licence No. 174	Signature of Technician and/or Contractor <i>Ken Desailniers</i>
Date Submitted 2013 09 25	

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 checked="" 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		

Map of Well Location	
Please provide a map below following instructions on the back.	
Comments: BOREHOLE #12-10	

Well owner's information package delivered <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date Package Delivered 2013 09 25	Ministry Use Only	
Date Work Completed 2013 09 25	Audit No. Z144880	NOV 12 2013	



DATABASE REPORT

Project Property: *PE4365 - Phase I - ESA
100 Argyle Avenue
Ottawa ON K2P 1B4*

Project No: *32362*

Report Type: *Standard Report*

Order No: *21062400421*

Requested by: *Paterson Group Inc.*

Date Completed: *June 29, 2021*

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Executive Summary

Property Information:

Project Property: PE4365 - Phase I - ESA
100 Argyle Avenue Ottawa ON K2P 1B4

Project No: 32362

Coordinates:

Latitude: 45.4124278
Longitude: -75.6871502
UTM Northing: 5,028,997.19
UTM Easting: 446,232.01
UTM Zone: 18T

Elevation: 233 FT
70.88 M

Order Information:

Order No: 21062400421
Date Requested: June 24, 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	0	0
BORE	<i>Borehole</i>	Y	0	33	33
CA	<i>Certificates of Approval</i>	Y	0	13	13
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	1	1
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	3	3
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	15	15
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	24	24
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	0	0
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	3	3
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	2	2
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	88	88
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & 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	3	3
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
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	5	5
PINC	<i>Pipeline Incidents</i>	Y	0	3	3
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	1	1
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	2	2
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	2	2
SPL	<i>Ontario Spills</i>	Y	0	11	11
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	2	2
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	15	15
Total:			0	226	226

Executive Summary: Site Report Summary - Project Property

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

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
1	GEN	VON National	110 Argyle Ave Ottawa ON	W/26.4	0.00	51
1	GEN	VON National	110 Argyle Ave Ottawa ON	W/26.4	0.00	51
2	WWIS		110 ARGYLE AVE. OTTAWA ON <i>Well ID: 7218981</i>	W/30.4	0.00	51
3	BORE		ON	ESE/38.0	0.00	54
4	BORE		ON	NNW/46.4	0.00	56
5	EHS		114 Argyle Avenue Ottawa ON K2P 1B4	W/47.0	0.00	57
6	BORE		ON	WSW/54.1	0.00	57
7	SPL	PUC	AT 474 ELGIN ST. AT THE OTTAWA POLICE STATION STORAGE TANK OTTAWA CITY ON K2P 2J6	E/67.9	0.00	59
7	SPL	OTTAWA POLICE	474 ELGIN ST. STORAGE TANK 474 ELGIN STREET OTTAWA CITY ON K2P 2J6	E/67.9	0.00	60
7	PRT	CORP CITY OF OTTAWA	474 ELGIN OTTAWA ON K2P 2J6	E/67.9	0.00	60
7	CA	R.M. OF OTTAWA-CARLETON, PLANNING & DEV.	474 ELGIN ST., O-C REG. POLICE OTTAWA CITY ON K2P 2J6	E/67.9	0.00	60
7	CA		474 Elgin Street Ottawa ON K2P 2J6	E/67.9	0.00	61

<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>
7	GEN	OTTAWA, CITY OF - POLICE STATION	DEPARTMENT OF PHYSICAL ENVIRONMENT 474 ELGIN STREET OTTAWA ON K2P 2J6	E/67.9	0.00	61
7	GEN	OTTAWA, CITY OF - POLICE STATION	474 ELGIN STREET OTTAWA ON K2P 2J6	E/67.9	0.00	61
7	GEN	OTTAWA, CITY OF - POLICE STATION 29-232	474 ELGIN STREET OTTAWA ON K2P 2J6	E/67.9	0.00	62
7	GEN	OTTAWA, (SEE & USE ON0303131)	474 ELGIN STREET OTTAWA ON K2P 2J6	E/67.9	0.00	62
7	GEN	OTTAWA, CORPORATION(SEE & USE ON0303131)	474 ELGIN STREET OTTAWA ON K2P 2J6	E/67.9	0.00	63
7	GEN	OTTAWA-CARLETON, REGIONAL MUNICIPALITY OF	474 ELGIN STREET OTTAWA ON K2P 2J6	E/67.9	0.00	63
7	GEN	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	474 ELGIN STREET OTTAWA ON K2P 2J6	E/67.9	0.00	64
7	GEN	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	OTTAWA-CARLETON POLICE SERVICES 474 ELGIN STREET OTTAWA ON K2P 2J6	E/67.9	0.00	65
7	GEN	CITY OF OTTAWA	OTTAWA-CARLETON POLICE SERVICES 474 ELGIN STREET OTTAWA ON K2P 2J6	E/67.9	0.00	65
7	GEN	City Of Ottawa	474 Elgin St. Ottawa ON K2P 2J6	E/67.9	0.00	66
7	GEN	OTTAWA, CORPORATION	474 ELGIN STREET OTTAWA ON K2P 2J6	E/67.9	0.00	67
7	FSTH	CORP CITY OF OTTAWA	474 ELGIN OTTAWA ON K2P 2J6	E/67.9	0.00	67
7	FSTH	CORP CITY OF OTTAWA	474 ELGIN OTTAWA ON K2P 2J6	E/67.9	0.00	68

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>7</u>	CA	City of Ottawa	474 Elgin Street Ottawa ON K2P 2J6	E/67.9	0.00	<u>68</u>
<u>7</u>	ECA	City of Ottawa	474 Elgin St Ottawa ON K2P 2J6	E/67.9	0.00	<u>68</u>
<u>7</u>	GEN	City Of Ottawa	474 Elgin St. Ottawa ON K2P 2J6	E/67.9	0.00	<u>69</u>
<u>7</u>	GEN	City Of Ottawa	474 Elgin St. Ottawa ON K2P 2J6	E/67.9	0.00	<u>69</u>
<u>7</u>	GEN	Ottawa Police Service	474 Elgin Street P.O. Box 9634 Station T Ottawa ON K2P 2J6	E/67.9	0.00	<u>70</u>
<u>7</u>	GEN	City Of Ottawa	474 Elgin St. Ottawa ON K2P 2J6	E/67.9	0.00	<u>70</u>
<u>7</u>	FST	CITY OF OTTAWA	474 ELGIN ST OTTAWA K2P 2J6 ON CA 474 ELGIN ST OTTAWA K2P 2J6 ON CA ON	E/67.9	0.00	<u>71</u>
<u>7</u>	FST	CITY OF OTTAWA	474 ELGIN ST OTTAWA K2P 2J6 ON CA 474 ELGIN ST OTTAWA K2P 2J6 ON CA ON	E/67.9	0.00	<u>72</u>
<u>7</u>	GEN	City Of Ottawa	474 Elgin St. Ottawa ON K2P 2J6	E/67.9	0.00	<u>72</u>
<u>7</u>	GEN	City Of Ottawa	474 Elgin St. Ottawa ON	E/67.9	0.00	<u>73</u>
<u>7</u>	CFOT	CITY OF OTTAWA	474 ELGIN ST OTTAWA K2P 2J6 ON CA ON	E/67.9	0.00	<u>74</u>
<u>7</u>	SPL	City of Ottawa	474 Elgin St Ottawa ON	E/67.9	0.00	<u>74</u>
<u>7</u>	ECA	The Regional Municipality of Ottawa-Carleton	474 Elgin Street Ottawa ON K2P 2L7	E/67.9	0.00	<u>75</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>7</u>	ECA	City of Ottawa	474 Elgin St Ottawa ON K1P 1J1	E/67.9	0.00	<u>75</u>
<u>7</u>	ECA	City of Ottawa	474 Elgin Street Ottawa ON K2G 6J8	E/67.9	0.00	<u>75</u>
<u>7</u>	GEN	City Of Ottawa	474 Elgin St. Ottawa ON K1G 6H5	E/67.9	0.00	<u>76</u>
<u>7</u>	GEN	City Of Ottawa	474 Elgin St. Ottawa ON K1G 6H5	E/67.9	0.00	<u>76</u>
<u>7</u>	GEN	City Of Ottawa	474 Elgin St. Ottawa ON K1G 6H5	E/67.9	0.00	<u>77</u>
<u>7</u>	GEN	City Of Ottawa	474 Elgin St. Ottawa ON K1G 6H5	E/67.9	0.00	<u>78</u>
<u>7</u>	GEN	City Of Ottawa	474 Elgin St. Ottawa ON K1G 6H5	E/67.9	0.00	<u>79</u>
<u>7</u>	FST	CITY OF OTTAWA	474 ELGIN ST OTTAWA K2P 2J6 ON CA ON	E/67.9	0.00	<u>80</u>
<u>7</u>	GEN	City Of Ottawa	474 Elgin St. Ottawa ON K1G 6H5	E/67.9	0.00	<u>81</u>
<u>8</u>	EHS		424 Metcalfe Street Ottawa ON K2P 2C3	WSW/80.7	0.00	<u>82</u>
<u>8</u>	RSC	Centretown Citizens Ottawa Corporation	424 METCALFE ST, OTTAWA, ON, K2P 2C3 OTTAWA ON K2P 2C3	WSW/80.7	0.00	<u>82</u>
<u>8</u>	CA	Centretown Citizens Ottawa Corporation	424 Metcalfe St Ottawa ON K2P 2C3	WSW/80.7	0.00	<u>83</u>
<u>8</u>	CA	Centretown Citizens Ottawa Corporation	424 Metcalfe St Ottawa ON K2P 2C3	WSW/80.7	0.00	<u>83</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>8</u>	CA	Centretown Citizens Ottawa Corporation	424 Metcalfe St Ottawa ON K2P 2C3	WSW/80.7	0.00	<u>83</u>
<u>8</u>	EASR	CENTRETOWN CITIZENS OTTAWA CORPORATION	424 METCALFE ST OTTAWA ON K2P 1C3	WSW/80.7	0.00	<u>84</u>
<u>8</u>	ECA	Centretown Citizens Ottawa Corporation	424 Metcalfe St Ottawa ON	WSW/80.7	0.00	<u>84</u>
<u>8</u>	ECA	Centretown Citizens Ottawa Corporation	424 Metcalfe St Ottawa ON	WSW/80.7	0.00	<u>84</u>
<u>8</u>	ECA	Centretown Citizens Ottawa Corporation	424 Metcalfe St Ottawa ON	WSW/80.7	0.00	<u>84</u>
<u>9</u>	BORE		ON	SSE/94.9	0.03	<u>85</u>
<u>10</u>	BORE		ON	E/101.8	-0.86	<u>86</u>
<u>11</u>	WDS	LRC Development Team Test Client	150 ARGYLE Ave Ottaway ON M4W 1A1	WSW/104.2	0.00	<u>87</u>
<u>11</u>	ECA	LRC Development Team Test Client	150 ARGYLE Ave Ottaway ON M4W 1A1	WSW/104.2	0.00	<u>88</u>
<u>11</u>	WDS	LRC Development Team Test Client	150 ARGYLE Ave Ottaway ON M4W 1A1	WSW/104.2	0.00	<u>88</u>
<u>12</u>	CA	City of Ottawa	Argyle Avenue and Park Avenue Ottawa ON	NE/111.1	1.03	<u>89</u>
<u>12</u>	ECA	City of Ottawa	Argyle Avenue and Park Avenue Ottawa ON K2G 6J8	NE/111.1	1.03	<u>89</u>
<u>13</u>	BORE		ON	S/115.0	0.00	<u>90</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	WWIS		424 METCALFE ST OTTAWA ON <i>Well ID:</i> 7044390	SSW/120.0	0.00	91
15	GEN	GVT. OF CANADIAN NATIONAL MUSEUMS	VICTORIA MUSEUM, MEDCALFE & MCLEOD STS. C/O BILLINGS BRIDGE PLAZA, SBI BLDG 9F OTTAWA, ON K1H 8L5	WNW/120.6	0.00	94
15	GEN	GVT. OF CANADIAN NATIONAL MUSEUMS 18-280	VICTORIA MUSEUM, MEDCALFE & MCLEOD STS. C/O BILLINGS BRIDGE PLAZA, SBI BLDG 9F OTTAWA, ON K1H 8L5	WNW/120.6	0.00	94
15	GEN	VICTORIA MUSEUM	CORNER OF MCLEOD AND O'CONNOR STREET BOILER ROOM OTTAWA ON K1P6P4	WNW/120.6	0.00	95
15	GEN	NATIONAL MUSEUMS OF CANADA	VICTORIA MUSEUM - BOILER ROOM 240 MCLEOD STREET OTTAWA ON K1P6P4	WNW/120.6	0.00	95
15	GEN	CANADIAN MUSEUM OF NATURE	METCALFE & MCLEOD STREETS OTTAWA ON K1P 6P4	WNW/120.6	0.00	96
15	SCT	Canadian Museum of Nature	ON	WNW/120.6	0.00	97
15	GEN	Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW/120.6	0.00	97
15	SPL	Hydro One Inc.	240 McLeod St MUSEUM OF NATURE<UNOFFICIAL> Ottawa ON K2P 2R1	WNW/120.6	0.00	97
15	CA	Canadian Museum of Nature	240 McLeod Street Ottawa ON K2P 2R1	WNW/120.6	0.00	98
15	SCT	Canadian Museum of Nature	240 McLeod St Ottawa ON K2P 2R1	WNW/120.6	0.00	98
15	SPL	Canadian Museum of Nature	240 McLeod Street Ottawa ON K2P 2R1	WNW/120.6	0.00	99

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
15	GEN	Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW/120.6	0.00	99
15	GEN	Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW/120.6	0.00	100
15	GEN	Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW/120.6	0.00	100
15	GEN	Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW/120.6	0.00	101
15	GEN	Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON	WNW/120.6	0.00	101
15	ECA	Canadian Museum of Nature	240 McLeod Street Ottawa ON K1P 6P4	WNW/120.6	0.00	102
15	GEN	Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW/120.6	0.00	103
15	GEN	Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW/120.6	0.00	103
15	GEN	Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW/120.6	0.00	104
15	GEN	Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW/120.6	0.00	105
15	GEN	Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW/120.6	0.00	106
15	GEN	Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW/120.6	0.00	107
16	BORE		ON	ESE/125.1	-1.05	108

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
17	BORE		ON	SE/127.2	0.03	109
18	WWIS		ON <i>Well ID:</i> 1508110	NNW/128.7	0.00	110
18	WWIS		ON <i>Well ID:</i> 1508111	NNW/128.7	0.00	113
19	BORE		ON	E/128.8	-1.05	115
20	EHS		464 Metcalfe Ottawa ON	SW/131.0	0.00	117
20	GEN	CENTRETOWN CITIZENS OTTAWA CORPORATION	464 Metcalfe Street Ottawa ON	SW/131.0	0.00	117
20	GEN	Modern Niagara Building Services	464 Metcalfe Street Ottawa ON K2P 1B7	SW/131.0	0.00	118
20	GEN	Modern Niagara Building Services	464 Metcalfe Street Ottawa ON K2P 1B7	SW/131.0	0.00	118
20	GEN	Modern Niagara Building Services	464 Metcalfe Street Ottawa ON K2P 1B7	SW/131.0	0.00	118
20	GEN	Taillefer Plumbing & Heating Inc	464 Metcalfe Ottawa ON K2P 1B7	SW/131.0	0.00	118
20	GEN	Modern Niagara Building Services	464 Metcalfe Street Ottawa ON K2P 1B7	SW/131.0	0.00	119
21	BORE		ON	SSE/133.4	-0.76	119
22	CA	City of Ottawa	105 Catherine Street Ottawa ON	SW/145.3	-0.05	120

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
22	EASR	CENTRETOWN CITIZENS OTTAWA CORPORATION	105 CATHERINE STREET OTTAWA ON K2P 1C3	SW/145.3	-0.05	120
22	ECA	City of Ottawa	105 Catherine Street Ottawa ON K2G 6J8	SW/145.3	-0.05	120
23	BORE		ON	SE/146.7	-1.20	121
24	BORE		ON	SSE/147.6	-0.69	122
25	GEN	Paramount Properties	475 Elgin st Ottawa ON K2P 2E6	E/150.0	0.00	123
26	EHS		83 & 85 Park Avenue Ottawa ON	NE/154.6	1.00	123
27	WWIS		ON <i>Well ID:</i> 1508112	NNW/157.3	0.00	123
28	BORE		ON	SSW/159.2	-0.69	126
29	GEN	SENTINEL MANAGEMENT	45 ARGYLE AVENUE OTTAWA ON K2P 1B3	ENE/161.6	0.00	127
30	BORE		ON	SE/164.8	-0.69	128
31	BORE		ON	SE/167.0	-2.50	129
32	SPL		415 Elgin St (Southbound lanes on Elgin St, just south of McLeod St. and SW of Elgin St and Lewis St. Ottawa ON	NNE/167.1	1.03	130
33	EHS		215 Mcleod Ottawa ON K2P 0Z8	NW/167.3	0.75	131

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
34	SPL	DRAIN-ALL LTD	HWY 417 EAST, AT METCALFE TRANSPORT TRUCK (CARGO) OTTAWA CITY ON	S/168.4	-0.69	131
34	SPL		Highway 417 @ Metcalfe St. Ottawa ON	S/168.4	-0.69	131
34	BORE		ON	S/168.4	-0.69	132
35	BORE		ON	ESE/169.6	-3.27	135
36	BORE		ON	SSE/171.4	-1.00	136
37	EASR	CENTRETOWN CITIZENS OTTAWA CORPORATION	111 CATHERINE STREET OTTAWA ON K2P 0P4	SW/174.0	0.43	137
38	EHS		223-231 McLeod Street Ottawa ON K2P 0Z8	NW/179.0	1.00	138
38	EHS		223-231 McLeod Street Ottawa ON K2P 0Z8	NW/179.0	1.00	138
38	EHS		223-231 McLeod Street Ottawa ON K2P 0Z8	NW/179.0	1.00	138
38	EHS		223-231 McLeod Street Ottawa ON K2P 0Z8	NW/179.0	1.00	138
38	EHS		223-231 McLeod Street Ottawa ON K2P 0Z8	NW/179.0	1.00	138
39	BORE		ON	W/181.4	1.00	139
40	WWIS		ON Well ID: 7206031	WSW/184.2	1.03	141

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
41	BORE		ON	ENE/187.0	1.17	142
42	BORE		ON	S/187.4	-0.80	144
43	BORE		ON	E/188.7	-0.91	145
44	BORE		ON	SSW/190.0	0.00	146
45	BORE		ON	SSW/191.0	-0.07	147
46	BORE		ON	ESE/191.0	-4.77	148
47	WWIS		CATHERINE STREET/METCALFE lot F con C OTTAWA ON Well ID: 7292768	SW/195.5	1.03	150
48	WWIS		467 ELGIN STREET CORNER OF AEGYLE AVENUE Ottawa ON Well ID: 7361250	ENE/196.6	0.31	152
49	EHS		377-379 Metcalf St. Ottawa ON	WNW/197.2	1.00	155
49	GEN	OPAL TYPESETTERS LTD.	379 METCALFE ST., SUITE 3 OTTAWA ON K2P 1S7	WNW/197.2	1.00	155
49	GEN	OPAL TYPESETTERS LTD. 29- 291	379 METCALFE ST., SUITE 3 OTTAWA ON K2P 1S7	WNW/197.2	1.00	155
50	BORE		ON	ESE/200.6	-6.00	155
51	WWIS		64 ISABELLA ST. Ottawa ON Well ID: 7142130	SE/202.8	-3.34	156

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
52	WWIS		64 ISABELLA ST. ON <i>Well ID:</i> 7142128	SSE/204.2	-2.05	159
53	BORE		ON	SSW/212.0	-0.07	162
54	EHS		407 Elgin St Ottawa ON K2P 1N2	N/214.2	0.00	163
55	SPL	DRAIN-ALL LTD.	INTERSECTION OF ISABELLA AND ELGIN TANK TRUCK (CARGO) GLOUCESTER CITY ON	ESE/214.5	-5.80	163
55	ECA	City of Ottawa	Elgin St Isabella Street Ottawa ON K2G 6J8	ESE/214.5	-5.80	164
56	WWIS		180 ARGYLE AVENUE Ottawa ON <i>Well ID:</i> 7179491	WSW/215.7	1.00	164
56	WWIS		180 ARGYLE AVENUE Ottawa ON <i>Well ID:</i> 7179492	WSW/215.7	1.00	167
57	EHS		180 Argyle Avenue Ottawa ON K2P 1B7	WSW/217.6	0.94	170
57	SPL	The National Capital Region YMCA-YWCA	180 Argyle Ottawa ON K2P 1B7	WSW/217.6	0.94	170
57	INC		180 Argyle Road, Ottawa ON	WSW/217.6	0.94	171
57	GEN	YMCA	180 Argyle street ottawa ON K2P 1B7	WSW/217.6	0.94	172
57	GEN	YMCA	180 Argyle street ottawa ON K2P 1B7	WSW/217.6	0.94	172
57	GEN	YMCA/YWCA	180 ARGYLE ST OTTAWA ON K2P1B7	WSW/217.6	0.94	172

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
57	GEN	YMCA/YWCA	180 ARGYLE ST OTTAWA ON K2P1B7	WSW/217.6	0.94	172
58	BORE		ON	SSW/223.8	1.12	173
59	EHS		157 Mcleod St Ottawa ON K2P0Z6	N/226.2	-0.06	174
60	PINC		198 Gladstone Avenue, Ottawa ON	NNW/226.6	0.00	174
60	PINC	PIPELINE HIT 1 1/4"	198 GLADSTONE AVE,,OTTAWA,ON,K2P 0Y6,CA ON	NNW/226.6	0.00	174
61	WWIS		64 ISABELLA ST. Ottawa ON Well ID: 7142129	SE/227.1	-6.05	175
62	BORE		ON	SW/227.4	1.00	178
63	GEN	LEVINSON-VINER IN TRUST	150 QUEEN ELIZABETH DRIVEWAY OTTAWA ON K2P 1E7	ENE/227.4	-0.41	179
63	GEN	CLV Group	150 Queen Elizabeth Driveway Ottawa ON K2P 1E7	ENE/227.4	-0.41	179
63	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	ENE/227.4	-0.41	179
63	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	ENE/227.4	-0.41	180
63	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	ENE/227.4	-0.41	180
63	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	ENE/227.4	-0.41	180

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
63	GEN	Paramount Properties	150 Queen Elizabeth Drive Ottawa ON	ENE/227.4	-0.41	180
63	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON	ENE/227.4	-0.41	181
63	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	ENE/227.4	-0.41	181
63	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	ENE/227.4	-0.41	181
63	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	ENE/227.4	-0.41	182
63	GEN	Paramount Properties	150 Queen Elizabeth Drive Ottawa ON K2P 1E7	ENE/227.4	-0.41	182
63	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	ENE/227.4	-0.41	182
63	GEN	Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	ENE/227.4	-0.41	182
64	EHS		157 Mcleod St Ottawa On Ottawa ON K2P0Z6	N/227.4	-0.06	183
65	EHS		388 Elgin St Ottawa ON K2P 1N3	N/234.8	-0.01	183
65	EHS		388 Elgin St Ottawa ON K2P 1N3	N/234.8	-0.01	183
65	EHS		388 Elgin St Ottawa ON K2P 1N3	N/234.8	-0.01	183
66	CA	1101600 Ontario Inc	269 / 275 Mcleod St Ottawa ON	W/236.3	1.00	183

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
67	BORE		ON	E/237.3	-6.39	184
68	EHS		480 Metcalfe Street And 100 Isabella Street Ottawa ON	S/238.7	-1.07	185
69	PES	LOBLAWS LIMITED C.O.B. AS "LOBLAWS" STORE #095-3	64 ISABELLA STREET OTTAWA ON K1S 1V4	SSE/239.4	-3.99	185
69	PES	LOBLAWS INC. STORE #1095	64 ISABELLA ST OTTAWA ON K1S1V4	SSE/239.4	-3.99	185
69	PES	LOBLAWS SUPERMARKETS LTD. #1095	64 ISABELLA ST OTTAWA ON K1S 1V4	SSE/239.4	-3.99	186
69	EHS		64 Isabella Street Ottawa ON K1S 1V4	SSE/239.4	-3.99	186
69	PES	LOBLAWS SUPERMARKETS LTD. #1095	64 ISABELLA ST OTTAWA ON K1S 1V4	SSE/239.4	-3.99	186
69	ECA	Loblaw Properties Limited	64 Isabella St Ottawa ON L6Y 5S5	SSE/239.4	-3.99	187
69	GEN	LOBLAWS SUPERMARKETS LTD.	64 ISABELLA STREET OTTAWA ON	SSE/239.4	-3.99	187
69	GEN	Loblaw #1095	64 Isabella St. Ottawa ON K1S 1V4	SSE/239.4	-3.99	187
69	GEN	Loblaw #1095	64 Isabella St. Ottawa ON K1S 1V4	SSE/239.4	-3.99	188
69	GEN	Loblaw #1095	64 Isabella St. Ottawa ON K1S 1V4	SSE/239.4	-3.99	188
69	GEN	Loblaw #1095	64 Isabella St. Ottawa ON K1S 1V4	SSE/239.4	-3.99	189

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
69	PES	LOBLAWS INC. STORE #1095	64 ISABELLA ST OTTAWA ON K1S1V4	SSE/239.4	-3.99	190
69	GEN	Loblaw #1095	64 Isabella St. Ottawa ON K1S 1V4	SSE/239.4	-3.99	191
69	GEN	Choice Properties	22-64 Isabella Street OTTAWA ON K1S1V4	SSE/239.4	-3.99	192
69	GEN	Loblaw #1095	64 Isabella St. Ottawa ON K1S 1V4	SSE/239.4	-3.99	192
70	WWIS		GLADSTONE AVE OTTAWA ON <i>Well ID: 7210736</i>	NW/239.5	1.00	194
71	GEN	GOLDER ASSOCIATES	5 Pretoria Avenue Ottawa ON	ESE/239.9	-6.61	196
72	WWIS		64 ISABELLA OTTAWA ON <i>Well ID: 7122747</i>	SE/239.9	-4.02	196
73	INC	SYMPHONY SENIOR LIVING	480 METCALFE ST.,OTTAWA,ON,K1S 3N6,CA ON	S/240.9	-1.27	199
74	EHS		269 McLeod Street Ottawa ON K2P 1A1	W/241.9	1.00	200
75	BORE		ON	E/242.1	-9.25	200
76	BORE		ON	SE/245.2	-5.80	201
77	BORE		ON	SSW/246.5	1.12	203
78	EHS		269 McLeod St Ottawa ON K2P1A1	W/248.4	1.00	204

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
79	GEN	FRONTIER, DIV. OF WESTBURNE	INDUSTRIAL ENTERPRISES LTD. 92 ISABELLA STREET OTTAWA ON K1S 1V5	S/248.9	-0.69	204
79	GEN	FRONTIER, (OUT OF BUS) 48-024	92 ISABELLA STREET OTTAWA ON K1S 1V5	S/248.9	-0.69	204
79	GEN	FRONTIER, DIV. OF WESTBURNE 48-024	92 ISABELLA STREET OTTAWA ON K1S 1V5	S/248.9	-0.69	205
80	EHS		480 Metcalfe Street Ottawa ON K1S 3N6	S/248.9	-1.27	205
80	EHS		480 Metcalfe Street Ottawa ON K1S 3N6	S/248.9	-1.27	205
81	PINC	MTS ALLSTREAM INC	380 ELGIN ST.,OTTAWA,ON,K2P 1M6,CA ON	NNW/249.4	1.08	206
82	ECA	1101600 Ontario Inc	269 / 275 Mcleod St Ottawa ON K2P 2K7	W/249.5	1.00	206
83	GEN	HYDRO OTTAWA LIMITED	182 GLADSTONE OTTAWA ON K2P 0Y3	N/249.5	-0.06	206
84	CA	OTTAWA CITY - STRATHCONA AVE.	METCALFE ST./PRETORIA AVE. OTTAWA CITY ON	SSE/249.5	-2.73	207
84	CA	R.M. OF OTTAWA-CARLETON - STRATHCONA AVE	METCALFE ST./PRETORIA AVE. OTTAWA CITY ON	SSE/249.5	-2.73	207
85	RSC	The Palisades Club Inc.	100 ISABELLA ST, OTTAWA, ON, K1S 1V5 Ottawa ON K1S 1V5	SSW/249.6	-0.05	207
85	SPL		100 Isabella St Ottawa ON K1S 1V5	SSW/249.6	-0.05	208
85	CA	The Palisades Club Inc.	100 Isabella Street Ottawa ON	SSW/249.6	-0.05	208

<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>
85	ECA	The Palisades Club Inc.	100 Isabella St Ottawa ON M3B 3N2	SSW/249.6	-0.05	208
86	GEN	City Of Ottawa	Hawthron & Elgin City of Ottawa ON K1S 1N1	ESE/249.7	-8.30	209
86	GEN	City Of Ottawa	Hawthron & Elgin City of Ottawa ON K1S 1N1	ESE/249.7	-8.30	209
86	GEN	City Of Ottawa	Hawthron & Elgin City of Ottawa ON K1S 1N1	ESE/249.7	-8.30	209
86	GEN	City Of Ottawa Public Works	Hawthron & Elgin City of Ottawa ON K1S 1N1	ESE/249.7	-8.30	210
86	GEN	City Of Ottawa Public Works	Hawthron & Elgin City of Ottawa ON K1S 1N1	ESE/249.7	-8.30	210
87	INC		215 GLADSTONE AVE, OTTAWA ON	NW/249.8	1.00	210

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 33 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	38.04	<u>3</u>
	ON	NNW	46.41	<u>4</u>
	ON	WSW	54.10	<u>6</u>
	ON	SSE	94.86	<u>9</u>
	ON	S	114.97	<u>13</u>
	ON	SE	127.20	<u>17</u>
	ON	W	181.40	<u>39</u>
	ON	ENE	186.96	<u>41</u>
	ON	SSW	189.96	<u>44</u>
	ON	SSW	223.85	<u>58</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	SW	227.39	62
	ON	SSW	246.47	77
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	E	101.81	10
	ON	ESE	125.10	16
	ON	E	128.80	19
	ON	SSE	133.40	21
	ON	SE	146.66	23
	ON	SSE	147.64	24
	ON	SSW	159.18	28
	ON	SE	164.80	30
	ON	SE	167.02	31

ON	S	168.42	34
ON	ESE	169.55	35
ON	SSE	171.43	36
ON	S	187.40	42
ON	E	188.72	43
ON	SSW	191.01	45
ON	ESE	191.03	46
ON	ESE	200.64	50
ON	SSW	211.96	53
ON	E	237.32	67
ON	E	242.14	75
ON	SE	245.22	76

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 13 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>
R.M. OF OTTAWA-CARLETON, PLANNING & DEV.	474 ELGIN ST., O-C REG. POLICE OTTAWA CITY ON K2P 2J6	E	67.93	<u>7</u>
	474 Elgin Street Ottawa ON K2P 2J6	E	67.93	<u>7</u>
City of Ottawa	474 Elgin Street Ottawa ON K2P 2J6	E	67.93	<u>7</u>
Centretown Citizens Ottawa Corporation	424 Metcalfe St Ottawa ON K2P 2C3	WSW	80.68	<u>8</u>
Centretown Citizens Ottawa Corporation	424 Metcalfe St Ottawa ON K2P 2C3	WSW	80.68	<u>8</u>
Centretown Citizens Ottawa Corporation	424 Metcalfe St Ottawa ON K2P 2C3	WSW	80.68	<u>8</u>
City of Ottawa	Argyle Avenue and Park Avenue Ottawa ON	NE	111.08	<u>12</u>
Canadian Museum of Nature	240 McLeod Street Ottawa ON K2P 2R1	WNW	120.59	<u>15</u>
1101600 Ontario Inc	269 / 275 Mcleod St Ottawa ON	W	236.27	<u>66</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	105 Catherine Street Ottawa ON	SW	145.29	<u>22</u>

OTTAWA CITY - STRATHCONA AVE.	METCALFE ST./PRETORIA AVE. OTTAWA CITY ON	SSE	249.54	84
R.M. OF OTTAWA-CARLETON - STRATHCONA AVE	METCALFE ST./PRETORIA AVE. OTTAWA CITY ON	SSE	249.54	84
The Palisades Club Inc.	100 Isabella Street Ottawa ON	SSW	249.57	85

CFOT - Commercial Fuel Oil Tanks

A search of the CFOT database, dated Jul 31, 2020 has found that there are 1 CFOT 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>
CITY OF OTTAWA	474 ELGIN ST OTTAWA K2P 2J6 ON CA ON	E	67.93	7

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-May 31, 2021 has found that there are 3 EASR 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>
CENTRETOWN CITIZENS OTTAWA CORPORATION	424 METCALFE ST OTTAWA ON K2P 1C3	WSW	80.68	8
CENTRETOWN CITIZENS OTTAWA CORPORATION	111 CATHERINE STREET OTTAWA ON K2P 0P4	SW	174.02	37
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CENTRETOWN CITIZENS OTTAWA CORPORATION	105 CATHERINE STREET OTTAWA ON K2P 1C3	SW	145.29	22

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- May 31, 2021 has found that there are 15 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>
City of Ottawa	474 Elgin Street Ottawa ON K2G 6J8	E	67.93	<u>7</u>
City of Ottawa	474 Elgin St Ottawa ON K1P 1J1	E	67.93	<u>7</u>
The Regional Municipality of Ottawa-Carleton	474 Elgin Street Ottawa ON K2P 2L7	E	67.93	<u>7</u>
City of Ottawa	474 Elgin St Ottawa ON K2P 2J6	E	67.93	<u>7</u>
Centretown Citizens Ottawa Corporation	424 Metcalfe St Ottawa ON	WSW	80.68	<u>8</u>
Centretown Citizens Ottawa Corporation	424 Metcalfe St Ottawa ON	WSW	80.68	<u>8</u>
Centretown Citizens Ottawa Corporation	424 Metcalfe St Ottawa ON	WSW	80.68	<u>8</u>
LRC Development Team Test Client	150 ARGYLE Ave Ottawa ON M4W 1A1	WSW	104.17	<u>11</u>
City of Ottawa	Argyle Avenue and Park Avenue Ottawa ON K2G 6J8	NE	111.08	<u>12</u>
Canadian Museum of Nature	240 McLeod Street Ottawa ON K1P 6P4	WNW	120.59	<u>15</u>
1101600 Ontario Inc	269 / 275 Mcleod St Ottawa ON K2P 2K7	W	249.45	<u>82</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	105 Catherine Street Ottawa ON K2G 6J8	SW	145.29	22
City of Ottawa	Elgin St Isabella Street Ottawa ON K2G 6J8	ESE	214.47	55
Loblaw Properties Limited	64 Isabella St Ottawa ON L6Y 5S5	SSE	239.42	69
The Palisades Club Inc.	100 Isabella St Ottawa ON M3B 3N2	SSW	249.57	85

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 24 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>
	114 Argyle Avenue Ottawa ON K2P 1B4	W	47.00	5
	424 Metcalfe Street Ottawa ON K2P 2C3	WSW	80.68	8
	464 Metcalfe Ottawa ON	SW	130.99	20
	83 & 85 Park Avenue Ottawa ON	NE	154.61	26
	215 Mcleod Ottawa ON K2P 0Z8	NW	167.31	33
	223-231 McLeod Street Ottawa ON K2P 0Z8	NW	178.97	38

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	223-231 McLeod Street Ottawa ON K2P 0Z8	NW	178.97	<u>38</u>
	223-231 McLeod Street Ottawa ON K2P 0Z8	NW	178.97	<u>38</u>
	223-231 McLeod Street Ottawa ON K2P 0Z8	NW	178.97	<u>38</u>
	223-231 McLeod Street Ottawa ON K2P 0Z8	NW	178.97	<u>38</u>
	377-379 Metcalf St. Ottawa ON	WNW	197.18	<u>49</u>
	407 Elgin St Ottawa ON K2P 1N2	N	214.23	<u>54</u>
	180 Argyle Avenue Ottawa ON K2P 1B7	WSW	217.64	<u>57</u>
	269 McLeod Street Ottawa ON K2P 1A1	W	241.89	<u>74</u>
	269 McLeod St Ottawa ON K2P1A1	W	248.36	<u>78</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	157 McLeod St Ottawa ON K2P0Z6	N	226.16	<u>59</u>
	157 McLeod St Ottawa On Ottawa ON K2P0Z6	N	227.44	<u>64</u>

388 Elgin St Ottawa ON K2P 1N3	N	234.76	65
388 Elgin St Ottawa ON K2P 1N3	N	234.76	65
388 Elgin St Ottawa ON K2P 1N3	N	234.76	65
480 Metcalfe Street And 100 Isabella Street Ottawa ON	S	238.74	68
64 Isabella Street Ottawa ON K1S 1V4	SSE	239.42	69
480 Metcalfe Street Ottawa ON K1S 3N6	S	248.88	80
480 Metcalfe Street Ottawa ON K1S 3N6	S	248.88	80

FST - Fuel Storage Tank

A search of the FST database, dated Jul 31, 2020 has found that there are 3 FST site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CITY OF OTTAWA	474 ELGIN ST OTTAWA K2P 2J6 ON CA 474 ELGIN ST OTTAWA K2P 2J6 ON CA ON	E	67.93	7
CITY OF OTTAWA	474 ELGIN ST OTTAWA K2P 2J6 ON CA 474 ELGIN ST OTTAWA K2P 2J6 ON CA ON	E	67.93	7
CITY OF OTTAWA	474 ELGIN ST OTTAWA K2P 2J6 ON CA ON	E	67.93	7

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>
CORP CITY OF OTTAWA	474 ELGIN OTTAWA ON K2P 2J6	E	67.93	<u>7</u>
CORP CITY OF OTTAWA	474 ELGIN OTTAWA ON K2P 2J6	E	67.93	<u>7</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 88 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>
VON National	110 Argyle Ave Ottawa ON	W	26.43	<u>1</u>
VON National	110 Argyle Ave Ottawa ON	W	26.43	<u>1</u>
OTTAWA, CITY OF - POLICE STATION	DEPARTMENT OF PHYSICAL ENVIRONMENT 474 ELGIN STREET OTTAWA ON K2P 2J6	E	67.93	<u>7</u>
OTTAWA, CITY OF - POLICE STATION	474 ELGIN STREET OTTAWA ON K2P 2J6	E	67.93	<u>7</u>
OTTAWA, CITY OF - POLICE STATION 29-232	474 ELGIN STREET OTTAWA ON K2P 2J6	E	67.93	<u>7</u>
OTTAWA, (SEE & USE ON0303131)	474 ELGIN STREET OTTAWA ON K2P 2J6	E	67.93	<u>7</u>
OTTAWA, CORPORATION(SEE & USE ON0303131)	474 ELGIN STREET OTTAWA ON K2P 2J6	E	67.93	<u>7</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA-CARLETON,REGIONAL MUNICIPALITY OF	474 ELGIN STREET OTTAWA ON K2P 2J6	E	67.93	<u>7</u>
OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	474 ELGIN STREET OTTAWA ON K2P 2J6	E	67.93	<u>7</u>
OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	OTTAWA-CARLETON POLICE SERVICES 474 ELGIN STREET OTTAWA ON K2P 2J6	E	67.93	<u>7</u>
CITY OF OTTAWA	OTTAWA-CARLETON POLICE SERVICES 474 ELGIN STREET OTTAWA ON K2P 2J6	E	67.93	<u>7</u>
City Of Ottawa	474 Elgin St. Ottawa ON K2P 2J6	E	67.93	<u>7</u>
OTTAWA, CORPORATION	474 ELGIN STREET OTTAWA ON K2P 2J6	E	67.93	<u>7</u>
City Of Ottawa	474 Elgin St. Ottawa ON K2P 2J6	E	67.93	<u>7</u>
City Of Ottawa	474 Elgin St. Ottawa ON K2P 2J6	E	67.93	<u>7</u>
Ottawa Police Service	474 Elgin Street P.O. Box 9634 Station T Ottawa ON K2P 2J6	E	67.93	<u>7</u>
City Of Ottawa	474 Elgin St. Ottawa ON K2P 2J6	E	67.93	<u>7</u>
City Of Ottawa	474 Elgin St. Ottawa ON K2P 2J6	E	67.93	<u>7</u>
City Of Ottawa	474 Elgin St. Ottawa ON	E	67.93	<u>7</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City Of Ottawa	474 Elgin St. Ottawa ON K1G 6H5	E	67.93	7
City Of Ottawa	474 Elgin St. Ottawa ON K1G 6H5	E	67.93	7
City Of Ottawa	474 Elgin St. Ottawa ON K1G 6H5	E	67.93	7
City Of Ottawa	474 Elgin St. Ottawa ON K1G 6H5	E	67.93	7
City Of Ottawa	474 Elgin St. Ottawa ON K1G 6H5	E	67.93	7
City Of Ottawa	474 Elgin St. Ottawa ON K1G 6H5	E	67.93	7
GVT. OF CANADIAN NATIONAL MUSEUMS	VICTORIA MUSEUM, MEDCALFE & MCLEOD STS. C/O BILLINGS BRIDGE PLAZA, SBI BLDG 9F OTTAWA, ON K1H 8L5	WNW	120.59	15
GVT. OF CANADIAN NATIONAL MUSEUMS 18-280	VICTORIA MUSEUM, MEDCALFE & MCLEOD STS. C/O BILLINGS BRIDGE PLAZA, SBI BLDG 9F OTTAWA, ON K1H 8L5	WNW	120.59	15
VICTORIA MUSEUM	CORNER OF MCLEOD AND O'CONNER STREET BOILER ROOM OTTAWA ON K1P6P4	WNW	120.59	15
NATIONAL MUSEUMS OF CANADA	VICTORIA MUSEUM - BOILER ROOM 240 MCLEOD STREET OTTAWA ON K1P6P4	WNW	120.59	15
CANADIAN MUSEUM OF NATURE	METCALFE & MCLEOD STREETS OTTAWA ON K1P 6P4	WNW	120.59	15

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW	120.59	<u>15</u>
Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW	120.59	<u>15</u>
Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW	120.59	<u>15</u>
Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW	120.59	<u>15</u>
Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW	120.59	<u>15</u>
Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON	WNW	120.59	<u>15</u>
Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW	120.59	<u>15</u>
Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW	120.59	<u>15</u>
Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW	120.59	<u>15</u>
Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW	120.59	<u>15</u>
Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW	120.59	<u>15</u>
Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW	120.59	<u>15</u>
Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW	120.59	<u>15</u>
Canadian Museum of Nature	240 MCLEOD STREET OTTAWA ON K2P 2R1	WNW	120.59	<u>15</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CENTRETOWN CITIZENS OTTAWA CORPORATION	464 Metcalfe Street Ottawa ON	SW	130.99	<u>20</u>
Modern Niagara Building Services	464 Metcalfe Street Ottawa ON K2P 1B7	SW	130.99	<u>20</u>
Modern Niagara Building Services	464 Metcalfe Street Ottawa ON K2P 1B7	SW	130.99	<u>20</u>
Modern Niagara Building Services	464 Metcalfe Street Ottawa ON K2P 1B7	SW	130.99	<u>20</u>
Taillefer Plumbing & Heating Inc	464 Metcalfe Ottawa ON K2P 1B7	SW	130.99	<u>20</u>
Modern Niagara Building Services	464 Metcalfe Street Ottawa ON K2P 1B7	SW	130.99	<u>20</u>
Paramount Properties	475 Elgin st Ottawa ON K2P 2E6	E	150.02	<u>25</u>
SENTINEL MANAGEMENT	45 ARGYLE AVENUE OTTAWA ON K2P 1B3	ENE	161.62	<u>29</u>
OPAL TYPESETTERS LTD.	379 METCALFE ST., SUITE 3 OTTAWA ON K2P 1S7	WNW	197.18	<u>49</u>
OPAL TYPESETTERS LTD. 29- 291	379 METCALFE ST., SUITE 3 OTTAWA ON K2P 1S7	WNW	197.18	<u>49</u>
YMCA	180 Argyle street ottawa ON K2P 1B7	WSW	217.64	<u>57</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
YMCA	180 Argyle street ottawa ON K2P 1B7	WSW	217.64	<u>57</u>
YMCA/YWCA	180 ARGYLE ST OTTAWA ON K2P1B7	WSW	217.64	<u>57</u>
YMCA/YWCA	180 ARGYLE ST OTTAWA ON K2P1B7	WSW	217.64	<u>57</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	ENE	227.43	<u>63</u>
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	ENE	227.43	<u>63</u>
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	ENE	227.43	<u>63</u>
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	ENE	227.43	<u>63</u>
Paramount Properties	150 Queen Elizabeth Drive Ottawa ON	ENE	227.43	<u>63</u>
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON	ENE	227.43	<u>63</u>
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	ENE	227.43	<u>63</u>
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	ENE	227.43	<u>63</u>

Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	ENE	227.43	63
Paramount Properties	150 Queen Elizabeth Drive Ottawa ON K2P 1E7	ENE	227.43	63
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	ENE	227.43	63
Paramount Property Management	150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	ENE	227.43	63
LEVINSON-VINER IN TRUST	150 QUEEN ELIZABETH DRIVEWAY OTTAWA ON K2P 1E7	ENE	227.43	63
CLV Group	150 Queen Elizabeth Driveway Ottawa ON K2P 1E7	ENE	227.43	63
LOBLAWS SUPERMARKETS LTD.	64 ISABELLA STREET OTTAWA ON	SSE	239.42	69
Loblaw #1095	64 Isabella St. Ottawa ON K1S 1V4	SSE	239.42	69
Loblaw #1095	64 Isabella St. Ottawa ON K1S 1V4	SSE	239.42	69
Loblaw #1095	64 Isabella St. Ottawa ON K1S 1V4	SSE	239.42	69
Loblaw #1095	64 Isabella St. Ottawa ON K1S 1V4	SSE	239.42	69
Loblaw #1095	64 Isabella St. Ottawa ON K1S 1V4	SSE	239.42	69
Choice Properties	22-64 Isabella Street OTTAWA ON K1S1V4	SSE	239.42	69

Loblaw #1095	64 Isabella St. Ottawa ON K1S 1V4	SSE	239.42	69
GOLDER ASSOCIATES	5 Pretoria Avenue Ottawa ON	ESE	239.85	71
FRONTIER, DIV. OF WESTBURNE	INDUSTRIAL ENTERPRISES LTD. 92 ISABELLA STREET OTTAWA ON K1S 1V5	S	248.85	79
FRONTIER, (OUT OF BUS) 48- 024	92 ISABELLA STREET OTTAWA ON K1S 1V5	S	248.85	79
FRONTIER, DIV. OF WESTBURNE 48-024	92 ISABELLA STREET OTTAWA ON K1S 1V5	S	248.85	79
HYDRO OTTAWA LIMITED	182 GLADSTONE OTTAWA ON K2P 0Y3	N	249.53	83
City Of Ottawa	Hawthron & Elgin City of Ottawa ON K1S 1N1	ESE	249.70	86
City Of Ottawa	Hawthron & Elgin City of Ottawa ON K1S 1N1	ESE	249.70	86
City Of Ottawa	Hawthron & Elgin City of Ottawa ON K1S 1N1	ESE	249.70	86
City Of Ottawa Public Works	Hawthron & Elgin City of Ottawa ON K1S 1N1	ESE	249.70	86
City Of Ottawa Public Works	Hawthron & Elgin City of Ottawa ON K1S 1N1	ESE	249.70	86

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Jul 31, 2020 has found that there are 3 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>
	180 Argyle Road, Ottawa ON	WSW	217.64	57

	215 GLADSTONE AVE, OTTAWA ON	NW	249.80	87
--	---------------------------------	----	--------	--------------------

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
SYMPHONY SENIOR LIVING	480 METCALFE ST.,OTTAWA,ON, K1S 3N6,CA ON	S	240.93	73

PES - Pesticide Register

A search of the PES database, dated Oct 2011-May 31, 2021 has found that there are 5 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
LOBLAWS LIMITED C.O.B. AS "LOBLAWS" STORE #095-3	64 ISABELLA STREET OTTAWA ON K1S 1V4	SSE	239.42	69
LOBLAWS INC. STORE #1095	64 ISABELLA ST OTTAWA ON K1S1V4	SSE	239.42	69
LOBLAWS SUPERMARKETS LTD. #1095	64 ISABELLA ST OTTAWA ON K1S 1V4	SSE	239.42	69
LOBLAWS SUPERMARKETS LTD. #1095	64 ISABELLA ST OTTAWA ON K1S 1V4	SSE	239.42	69
LOBLAWS INC. STORE #1095	64 ISABELLA ST OTTAWA ON K1S1V4	SSE	239.42	69

PINC - Pipeline Incidents

A search of the PINC database, dated Oct 31, 2020 has found that there are 3 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 1/4"	198 GLADSTONE AVE., OTTAWA, ON, K2P 0Y6, CA ON	NNW	226.57	60
	198 Gladstone Avenue, Ottawa ON	NNW	226.57	60
MTS ALLSTREAM INC	380 ELGIN ST., OTTAWA, ON, K2P 1M6, CA ON	NNW	249.45	81

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CORP CITY OF OTTAWA	474 ELGIN OTTAWA ON K2P 2J6	E	67.93	7

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>
Centretown Citizens Ottawa Corporation	424 METCALFE ST, OTTAWA, ON, K2P 2C3 OTTAWA ON K2P 2C3	WSW	80.68	8

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Palisades Club Inc.	100 ISABELLA ST, OTTAWA, ON, K1S 1V5 Ottawa ON K1S 1V5	SSW	249.57	85

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 2 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>
Canadian Museum of Nature	ON	WNW	120.59	15
Canadian Museum of Nature	240 McLeod St Ottawa ON K2P 2R1	WNW	120.59	15

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 11 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>
PUC	AT 474 ELGIN ST. AT THE OTTAWA POLICE STATION STORAGE TANK OTTAWA CITY ON K2P 2J6	E	67.93	7
OTTAWA POLICE	474 ELGIN ST. STORAGE TANK 474 ELGIN STREET OTTAWA CITY ON K2P 2J6	E	67.93	7
City of Ottawa	474 Elgin St Ottawa ON	E	67.93	7
Hydro One Inc.	240 McLeod St MUSEUM OF NATURE<UNOFFICIAL> Ottawa ON K2P 2R1	WNW	120.59	15
Canadian Museum of Nature	240 McLeod Street Ottawa ON K2P 2R1	WNW	120.59	15
	415 Elgin St (Southbound lanes on Elgin St, just south of McLeod St. and SW of Elgin St and Lewis St. Ottawa ON	NNE	167.14	32
The National Capital Region YMCA-YWCA	180 Argyle Ottawa ON K2P 1B7	WSW	217.64	57

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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	Highway 417 @ Metcalfe St. Ottawa ON	S	168.42	34
DRAIN-ALL LTD	HWY 417 EAST, AT METCALFE TRANSPORT TRUCK (CARGO) OTTAWA CITY ON	S	168.42	34
DRAIN-ALL LTD.	INTERSECTION OF ISABELLA AND ELGIN TANK TRUCK (CARGO) GLOUCESTER CITY ON	ESE	214.47	55
	100 Isabella St Ottawa ON K1S 1V5	SSW	249.57	85

WDS - Waste Disposal Sites - MOE CA Inventory

A search of the WDS database, dated Oct 2011-May 31, 2021 has found that there are 2 WDS 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>
LRC Development Team Test Client	150 ARGYLE Ave Ottaway ON M4W 1A1	WSW	104.17	11
LRC Development Team Test Client	150 ARGYLE Ave Ottaway ON M4W 1A1	WSW	104.17	11

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 15 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>
	110 ARGYLE AVE. OTTAWA ON <i>Well ID:</i> 7218981	W	30.39	2
	424 METCALFE ST OTTAWA ON <i>Well ID:</i> 7044390	SSW	120.04	14
	ON <i>Well ID:</i> 1508111	NNW	128.68	18

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON <i>Well ID:</i> 1508110	NNW	128.68	18
	ON <i>Well ID:</i> 1508112	NNW	157.25	27
	ON <i>Well ID:</i> 7206031	WSW	184.18	40
	CATHERINE STREET/METCALFE lot F con C OTTAWA ON <i>Well ID:</i> 7292768	SW	195.53	47
	467 ELGIN STREET CORNER OF AEGYLE AVENUE Ottawa ON <i>Well ID:</i> 7361250	ENE	196.63	48
	180 ARGYLE AVENUE Ottawa ON <i>Well ID:</i> 7179492	WSW	215.69	56
	180 ARGYLE AVENUE Ottawa ON <i>Well ID:</i> 7179491	WSW	215.69	56
	GLADSTONE AVE OTTAWA ON <i>Well ID:</i> 7210736	NW	239.54	70
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	64 ISABELLA ST. Ottawa ON <i>Well ID:</i> 7142130	SE	202.75	51
	64 ISABELLA ST. ON <i>Well ID:</i> 7142128	SSE	204.20	52
	64 ISABELLA ST. Ottawa ON <i>Well ID:</i> 7142129	SE	227.11	61

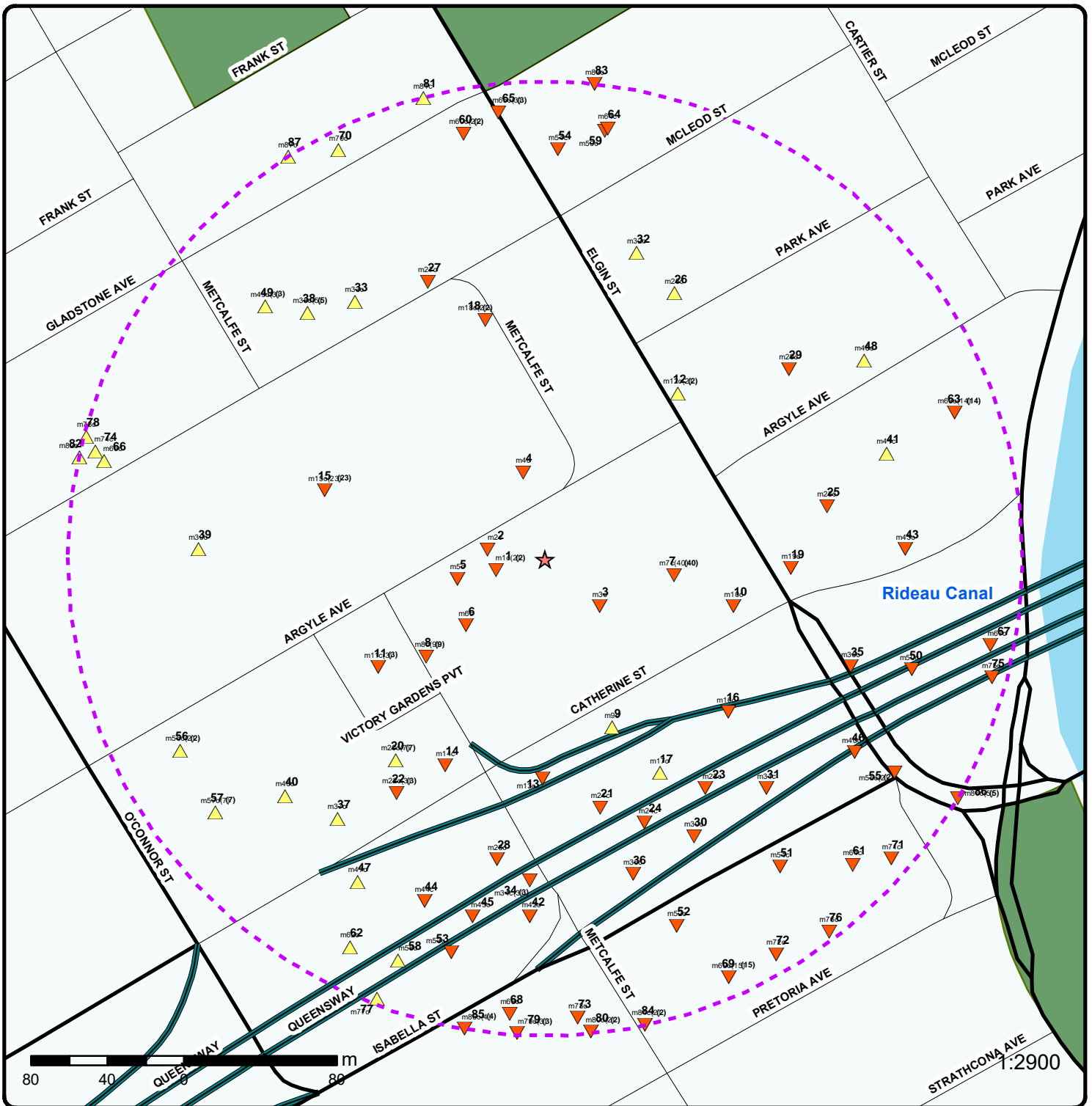
64 ISABELLA
OTTAWA ON

SE

239.93

72

Well ID: 7122747



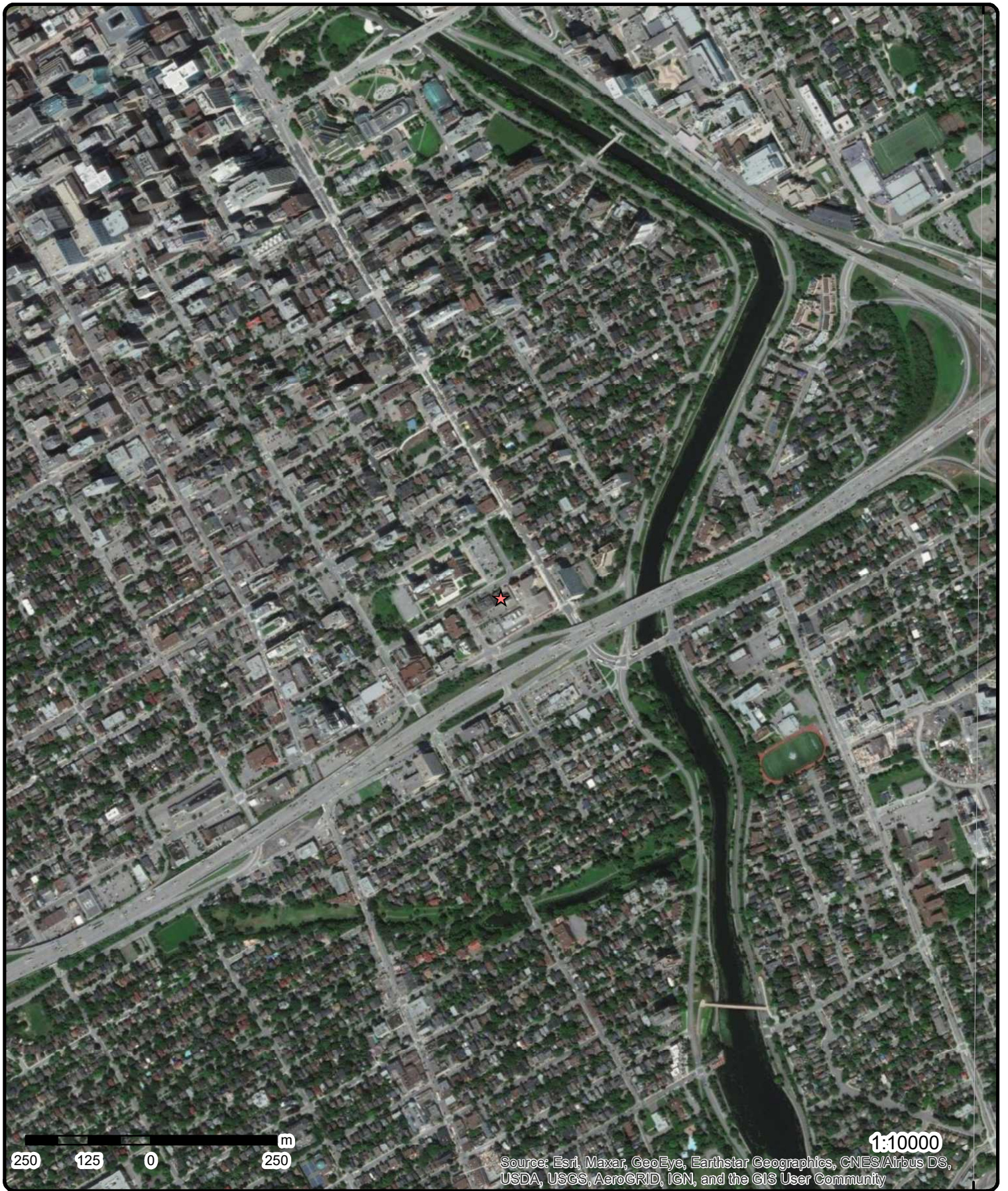
Map: 0.25 Kilometer Radius

Order Number: 21062400421

Address: 100 Argyle Avenue, Ottawa, ON



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



Aerial Year: 2020

Order Number: 21062400421

Address: 100 Argyle Avenue, Ottawa, ON



Source: ESRI World Imagery

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75°42'W

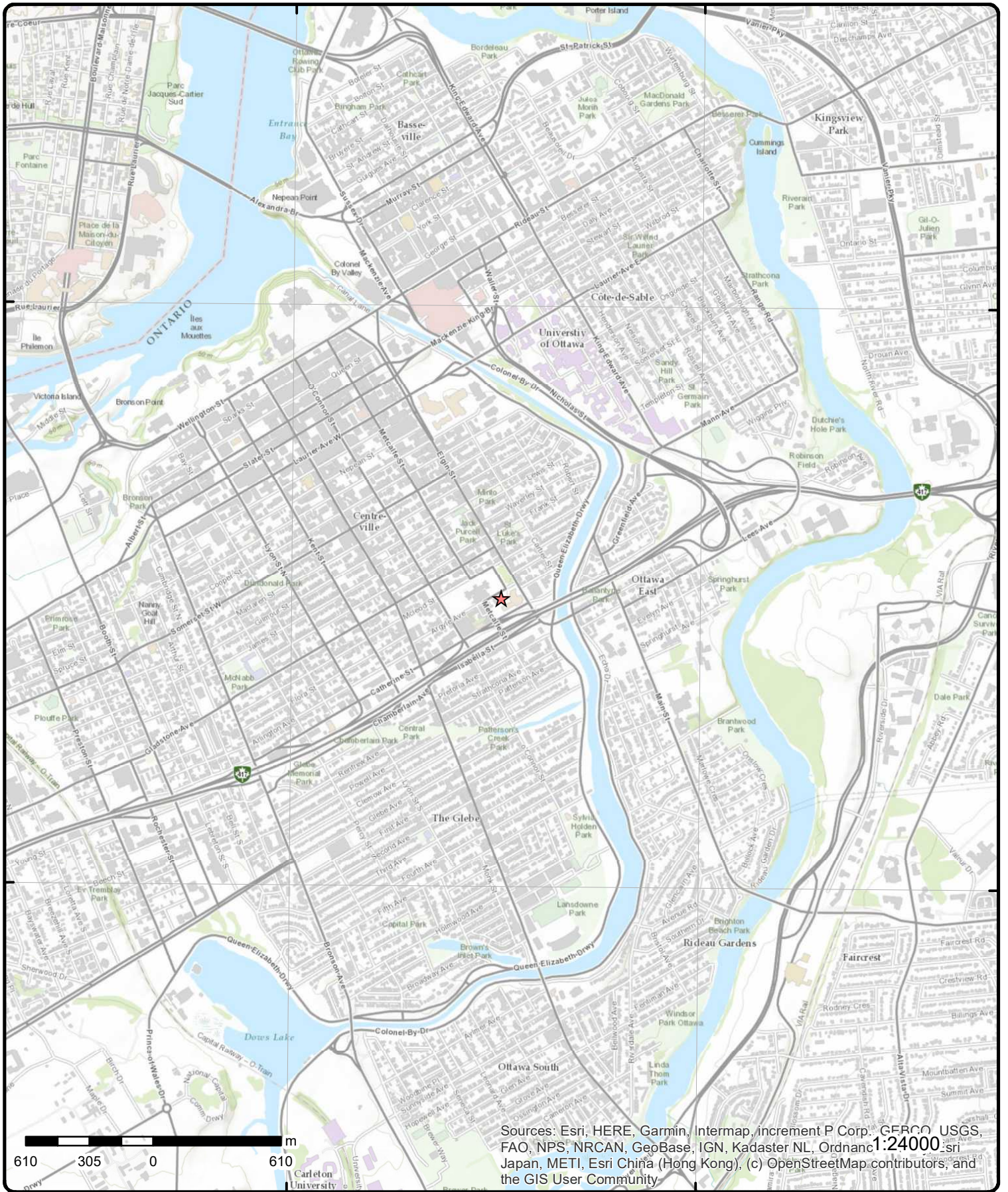
75°40'30"W

45°25'30"N

45°25'30"N

45°24'N

45°24'N



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

Order Number: 21062400421

Address: 100 Argyle Avenue, ON



Source: ESRI World Topographic Map

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 2	W/26.4	70.9 / 0.00	VON National 110 Argyle Ave Ottawa ON	GEN
Generator No: ON4817825 Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 621990 SIC Description: ALL OTHER AMBULATORY HEALTH CARE SERVICES		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
<u>Detail(s)</u>					
Waste Class: 312		Waste Class Desc: PATHOLOGICAL WASTES			
<u>1</u>	2 of 2	W/26.4	70.9 / 0.00	VON National 110 Argyle Ave Ottawa ON	GEN
Generator No: ON4817825 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 621990 SIC Description: All Other Ambulatory Health Care Services		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
<u>2</u>	1 of 1	W/30.4	70.9 / 0.00	110 ARGYLE AVE. OTTAWA ON	WWIS
Well ID: 7218981 Construction Date: Primary Water Use: Monitoring Sec. Water Use: Final Well Status: Observation Wells Water Type: Casing Material: Audit No: Z180951 Tag: A157551 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: 4/4/2014 Selected Flag: True Abandonment Rec: Contractor: 7238 Form Version: 7 Owner: Street Name: 110 ARGYLE AVE. County: OTTAWA Municipality: NEPEAN TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
PDF URL (Map):					

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

Well Completed Date: 2014/03/13
Year Completed: 2014
Depth (m): 6.096
Latitude: 45.4124687936983
Longitude: -75.6875342318593
Path:

Bore Hole Information

Bore Hole ID:	1004730042	Elevation:	69.934822
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446202.00
Code OB Desc:		North83:	5029002.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	13-Mar-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:			

Overburden and Bedrock

Materials Interval

Formation ID: 1005138319
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 10.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1005138318
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: 10.0
Formation End Depth UOM: ft

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005138327			
Layer:		2			
Plug From:		14			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005138326			
Layer:		1			
Plug From:		20			
Plug To:		14			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005138325			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005138317			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1005138323			
Layer:		1			
Slot:		10			
Screen Top Depth:		15			
Screen End Depth:		20			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
<u>Water Details</u>					
Water ID:		1005138321			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1005138320			
Diameter:		2.0			
Depth From:		0.0			
Depth To:		20.0			
Hole Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Diameter UOM:		inch			
<u>3</u>	1 of 1	ESE/38.0	70.9 / 0.00	ON	BORE
Borehole ID:	613228			Inclin FLG:	No
OGF ID:	215514531			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	OCT-1972			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.412205
Total Depth m:	40.2			Longitude DD:	-75.686781
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446261
Drill Method:				Northing:	5028972
Orig Ground Elev m:	69.2			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	69.4				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218394231			Mat Consistency:	Stiff
Top Depth:	15.2			Material Moisture:	
Bottom Depth:	21.2			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. GREY,STIFF.				
Geology Stratum ID:	218394234			Mat Consistency:	Dense
Top Depth:	30.3			Material Moisture:	
Bottom Depth:	36.4			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND. GREY,DENSE,LOOSE.				
Geology Stratum ID:	218394229			Mat Consistency:	Firm
Top Depth:	1.2			Material Moisture:	
Bottom Depth:	4.9			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. BROWN,HARD,FIRM,WEATHERED.				
Geology Stratum ID:	218394232			Mat Consistency:	Stiff
Top Depth:	21.2			Material Moisture:	
Bottom Depth:	22.1			Material Texture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT. GREY,VERY STIFF,LAYERED.				
Geology Stratum ID:	218394228			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:				Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ARTIFICIAL.				
Geology Stratum ID:	218394233			Mat Consistency:	Compact
Top Depth:	22.1			Material Moisture:	
Bottom Depth:	30.3			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT. GREY,COMPACT,VERY LOOSE.				
Geology Stratum ID:	218394235			Mat Consistency:	Dense
Top Depth:	36.4			Material Moisture:	
Bottom Depth:	40.2			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT. GREY,DENSE TO VERY DENSE. 0016002507008000040015005000060072500800995042011950420000500 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218394230			Mat Consistency:	Firm
Top Depth:	4.9			Material Moisture:	
Bottom Depth:	15.2			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. GREY,STIFF,FIRM.				
Source					
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:	H			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 057360 NTS_Sheet: 31G05G				
Confiden 1:	Logged by professional. Exact and complete description of material and properties.				

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

4	1 of 1	NNW/46.4	70.9 / 0.00	ON	BORE
Borehole ID:	613240			Inclin FLG:	No
OGF ID:	215514542			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.412832
Total Depth m:	-999			Longitude DD:	-75.6873
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446221
Drill Method:				Northing:	5029042
Orig Ground Elev m:	70.1			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	70.6				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218394285			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	fill
Gsc Material Description:					
Stratum Description:	FILL.				
Geology Stratum ID:	218394287			Mat Consistency:	Soft
Top Depth:	2.4			Material Moisture:	
Bottom Depth:	5.5			Material Texture:	
Material Color:	Yellow			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. YELLOW,SOFT.				
Geology Stratum ID:	218394286			Mat Consistency:	
Top Depth:	.9			Material Moisture:	
Bottom Depth:	2.4			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 4: Gsc Material Description: Stratum Description: GRAVEL. BROWN.				Depositional Gen:	
Geology Stratum ID: 218394288 Top Depth: 5.5 Bottom Depth: Material Color: Grey Material 1: Clay Material 2: Material 3: Material 4:		Mat Consistency: Soft Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:			
Gsc Material Description: Stratum Description:		CLAY. SOFT. D. CLAY. GREY,STIFF,FISSURED. 00000 013 00050 018 00085 060 0010 **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Source					
Source Type: Data Survey Source Orig: Geological Survey of Canada Source Date: 1956-1972 Confidence: H Observatio:		Source Appl: Spatial/Tabular Source Iden: 1 Scale or Res: Varies Horizontal: NAD27 Verticalda: Mean Average Sea Level			
Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: OTTAWA2.txt RecordID: 057480 NTS_Sheet: 31G05G Confiden 1: Logged by professional. Exact and complete description of material and properties.					
Source List					
Source Identifier: 1 Source Type: Data Survey Source Date: 1956-1972 Scale or Resolution: Varies Source Name: Urban Geology Automated Information System (UGAIS) Source Originators: Geological Survey of Canada		Horizontal Datum: NAD27 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transverse Mercator			
<u>5</u>	1 of 1	W/47.0	70.9 / 0.00	114 Argyle Avenue Ottawa ON K2P 1B4	EHS
Order No: 20040309008 Status: C Report Type: Complete Report Report Date: 3/11/04 Date Received: 3/9/04 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Ottawa Carleton Client Prov/State: ON Search Radius (km): 0.25 X: -75.687636 Y: 45.412453			
<u>6</u>	1 of 1	WSW/54.1	70.9 / 0.00	ON	BORE
Borehole ID: 613226 OGF ID: 215514529 Status: Type: Borehole Use: Completion Date: OCT-1972 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 35.7 Depth Ref: Ground Surface		Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.41211 Longitude DD: -75.687674 UTM Zone: 18			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth Elev:				Easting:	446191
Drill Method:				Northing:	5028962
Orig Ground Elev m:	69.2			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	69.1				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218394222			Mat Consistency:	Firm
Top Depth:	13.7			Material Moisture:	
Bottom Depth:	21.3			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. GREY,FIRM,STIFF.				
Geology Stratum ID:	218394223			Mat Consistency:	Stiff
Top Depth:	21.3			Material Moisture:	
Bottom Depth:	22.9			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT. GREY,VERY STIFF,LAYERED.				
Geology Stratum ID:	218394224			Mat Consistency:	Loose
Top Depth:	22.9			Material Moisture:	
Bottom Depth:	35.7			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT. GREY,LOOSE. 00000080003501000041030001700020045000600700006007500060165 046 00190				
	**Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218394218			Mat Consistency:	Loose
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:				Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ARTIFICIAL. BROWN,LOOSE.				
Geology Stratum ID:	218394219			Mat Consistency:	
Top Depth:	1.1			Material Moisture:	
Bottom Depth:	1.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:				Geologic Formation:	
Material 2:	Concrete			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Gsc Material Description:					
Stratum Description:		ARTIFICIAL.			
Geology Stratum ID:	218394220			Mat Consistency:	Hard
Top Depth:	1.2			Material Moisture:	
Bottom Depth:	5.2			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY. BROWN,WEATHERED,HARD,STIFF, DESSICATED.			
Geology Stratum ID:	218394221			Mat Consistency:	Firm
Top Depth:	5.2			Material Moisture:	
Bottom Depth:	13.7			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY. GREY,STIFF,FIRM.			
Source					
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:	H			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 057340 NTS_Sheet: 31G05G				
Confiden 1:	Logged by professional. Exact and complete description of material and properties.				
Source List					
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				
<u>7</u>	1 of 40	E/67.9	70.9 / 0.00	PUC AT 474 ELGIN ST. AT THE OTTAWA POLICE STATION STORAGE TANK OTTAWA CITY ON K2P 2J6	SPL
Ref No:	106798			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	10/28/1994			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	UNDERGROUND TANK 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:	Soil contamination			Site Lot:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
				Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 10/28/1994 Dt Document Closed: Incident Reason: CORROSION Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: OTTAWA POLICE DEPT. - GASOLINE TO GROUND FROM UNDERGROUND STORAGE TANK. Contaminant Qty:		
7	2 of 40	E/67.9	70.9 / 0.00	OTTAWA POLICE 474 ELGIN ST. STORAGE TANK 474 ELGIN STREET OTTAWA CITY ON K2P 2J6	SPL	
				Ref No: 66935 Site No: Incident Dt: // Year: Incident Cause: CONTAINER OVERFLOW Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: NOT ANTICIPATED Nature of Impact: Soil Contamination Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 2/11/1992 Dt Document Closed: Incident Reason: ERROR Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: OTTAWA POLICE: 70L WASTE OIL OVERFLOW FROM STORAGE TANK TO GROUND Contaminant Qty:		
7	3 of 40	E/67.9	70.9 / 0.00	CORP CITY OF OTTAWA 474 ELGIN OTTAWA ON K2P 2J6	PRT	
				Location ID: 10936 Type: private Expiry Date: Capacity (L): 31500.00 Licence #: 0001023522		
7	4 of 40	E/67.9	70.9 / 0.00	R.M. OF OTTAWA-CARLETON, PLANNING & DEV. 474 ELGIN ST., O-C REG. POLICE OTTAWA CITY ON K2P 2J6	CA	
				Certificate #: 8-4105-97-		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		97 2/13/1998 Industrial air FORENSIC LABORATORY FACILITY Acetone, Acetic Acid, Methyl Ethyl Ketone (Butanone), Ethyl Alcohol, Denat,D, Methyl Alcohol, Other Organic Compounds Panel Filter			
7	5 of 40	E/67.9	70.9 / 0.00	474 Elgin Street Ottawa ON K2P 2J6	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		2866-4FRHD6 00 1/24/00 Industrial air Approved New Certificate of Approval Corporation of the Regional Municipality of Ottawa-Carleton 111 Lisgar Street Ottawa K1P 2L7 Install one 1250 kW diesel generator with sound attenuating enclosure to be used for emergency purposes over the January 1, 2000 time period.			
7	6 of 40	E/67.9	70.9 / 0.00	OTTAWA, CITY OF - POLICE STATION DEPARTMENT OF PHYSICAL ENVIRONMENT 474 ELGIN STREET OTTAWA ON K2P 2J6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON0136209 86,87,88,89,90 8323 POLICE SERVICES		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
7	7 of 40	E/67.9	70.9 / 0.00	OTTAWA, CITY OF - POLICE STATION 474 ELGIN STREET OTTAWA ON K2P 2J6	GEN
Generator No:		ON0136209		PO Box No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Approval Years: 92,93 Contam. Facility: MHSW Facility: SIC Code: 8323 SIC Description:		POLICE SERVICES		Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
7	8 of 40	E/67.9	70.9 / 0.00	OTTAWA, CITY OF - POLICE STATION 29-232 474 ELGIN STREET OTTAWA ON K2P 2J6	GEN
Generator No: ON0136209 Status: Approval Years: 94,95,96 Contam. Facility: MHSW Facility: SIC Code: 8323 SIC Description:		POLICE SERVICES		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
7	9 of 40	E/67.9	70.9 / 0.00	OTTAWA, (SEE & USE ON0303131) 474 ELGIN STREET OTTAWA ON K2P 2J6	GEN
Generator No: ON0136209 Status: Approval Years: 97,98 Contam. Facility: MHSW Facility: SIC Code: 8323 SIC Description:		POLICE SERVICES		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		212			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			

7	10 of 40	E/67.9	70.9 / 0.00	OTTAWA, CORPORATION(SEE & USE ON0303131) 474 ELGIN STREET OTTAWA ON K2P 2J6	GEN
Generator No:	ON0136209			PO Box No:	
Status:				Country:	
Approval Years:	02,03,04			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

Detail(s)

Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			

7	11 of 40	E/67.9	70.9 / 0.00	OTTAWA-CARLETON,REGIONAL MUNICIPALITY OF 474 ELGIN STREET OTTAWA ON K2P 2J6	GEN
Generator No:	ON0303131			PO Box No:	
Status:				Country:	
Approval Years:	97			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8323				
SIC Description:	POLICE SERVICES				

Detail(s)

Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		212			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		267			
Waste Class Desc:		ORGANIC ACIDS			

<u>7</u>	12 of 40	E/67.9	70.9 / 0.00	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF 474 ELGIN STREET OTTAWA ON K2P 2J6	GEN
Generator No:	ON0303131			PO Box No:	
Status:				Country:	
Approval Years:	98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8323				
SIC Description:	POLICE SERVICES				

Detail(s)

Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	211				
Waste Class Desc:	AROMATIC SOLVENTS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	267				
Waste Class Desc:	ORGANIC ACIDS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	13 of 40	E/67.9	70.9 / 0.00	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF OTTAWA-CARLETON POLICE SERVICES 474 ELGIN STREET OTTAWA ON K2P 2J6	GEN
Generator No:	ON0303131			PO Box No:	
Status:				Country:	
Approval Years:	99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8323				
SIC Description:	POLICE SERVICES				
<u>Detail(s)</u>					
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	267				
Waste Class Desc:	ORGANIC ACIDS				
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	211				
Waste Class Desc:	AROMATIC SOLVENTS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
7	14 of 40	E/67.9	70.9 / 0.00	CITY OF OTTAWA OTTAWA-CARLETON POLICE SERVICES 474 ELGIN STREET OTTAWA ON K2P 2J6	GEN
Generator No:	ON0303131			PO Box No:	
Status:				Country:	
Approval Years:	02,03,04			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:			112		
Waste Class Desc:			ACID WASTE - HEAVY METALS		
Waste Class:			146		
Waste Class Desc:			OTHER SPECIFIED INORGANICS		
Waste Class:			148		
Waste Class Desc:			INORGANIC LABORATORY CHEMICALS		
Waste Class:			211		
Waste Class Desc:			AROMATIC SOLVENTS		
Waste Class:			212		
Waste Class Desc:			ALIPHATIC SOLVENTS		
Waste Class:			213		
Waste Class Desc:			PETROLEUM DISTILLATES		
Waste Class:			241		
Waste Class Desc:			HALOGENATED SOLVENTS		
Waste Class:			251		
Waste Class Desc:			OIL SKIMMINGS & SLUDGES		
Waste Class:			252		
Waste Class Desc:			WASTE OILS & LUBRICANTS		
Waste Class:			263		
Waste Class Desc:			ORGANIC LABORATORY CHEMICALS		
Waste Class:			264		
Waste Class Desc:			PHOTOPROCESSING WASTES		
Waste Class:			267		
Waste Class Desc:			ORGANIC ACIDS		

<u>7</u>	15 of 40	E/67.9	70.9 / 0.00	City Of Ottawa 474 Elgin St. Ottawa ON K2P 2J6	GEN
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Generator No:	ON8585320	PO Box No:	
Status:		Country:	
Approval Years:	02,03,04,05,06,07,08	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	113
Waste Class Desc:	ACID WASTE - OTHER METALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

<u>7</u>	16 of 40	E/67.9	70.9 / 0.00	OTTAWA, CORPORATION 474 ELGIN STREET OTTAWA ON K2P 2J6	GEN
Generator No:	ON0136209			PO Box No:	
Status:				Country:	
Approval Years:	05,06			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913130				
SIC Description:	Municipal Police Services				

Detail(s)

Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			

<u>7</u>	17 of 40	E/67.9	70.9 / 0.00	CORP CITY OF OTTAWA 474 ELGIN OTTAWA ON K2P 2J6	FSTH
License Issue Date:	6/4/1990				
Tank Status:	Licensed				
Tank Status As Of:	August 2007				
Operation Type:	Private Fuel Outlet				
Facility Type:	Gasoline Station - Self Serve				
--Details--					
Status:	Active				
Year of Installation:	1982				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Corrosion Protection:					
Capacity:		22500			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1982			
Corrosion Protection:					
Capacity:		9000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
<u>7</u>	18 of 40	E/67.9	70.9 / 0.00	CORP CITY OF OTTAWA 474 ELGIN OTTAWA ON K2P 2J6	FSTH
License Issue Date: 6/4/1990					
Tank Status: Licensed					
Tank Status As Of: December 2008					
Operation Type: Private Fuel Outlet					
Facility Type: Gasoline Station - Self Serve					
--Details--					
Status: Active					
Year of Installation: 1982					
Corrosion Protection:					
Capacity:		22500			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status: Active					
Year of Installation: 1982					
Corrosion Protection:					
Capacity:		9000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
<u>7</u>	19 of 40	E/67.9	70.9 / 0.00	City of Ottawa 474 Elgin Street Ottawa ON K2P 2J6	CA
Certificate #: 1977-6JZLJ2					
Application Year: 2005					
Issue Date: 12/15/2005					
Approval Type: Air					
Status: Approved					
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
<u>7</u>	20 of 40	E/67.9	70.9 / 0.00	City of Ottawa 474 Elgin St Ottawa ON K2P 2J6	ECA
Approval No: 4942-8NNLMR					
Approval Date: 12/12/2011					
Status: Approved					
Record Type:					
Link Source:					
MOE District: Ottawa					
City:					
Longitude:					
Latitude:					
Geometry X:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link:				Geometry Y:	
		Air/Noise			

7	21 of 40	E/67.9	70.9 / 0.00	City Of Ottawa 474 Elgin St. Ottawa ON K2P 2J6	GEN
Generator No:	ON8585320			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913150				
SIC Description:	Municipal Regulatory Services				
Detail(s)					
Waste Class:	113				
Waste Class Desc:	ACID WASTE - OTHER METALS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				

7	22 of 40	E/67.9	70.9 / 0.00	City Of Ottawa 474 Elgin St. Ottawa ON K2P 2J6	GEN
Generator No:	ON8585320			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:	913150	Municipal Regulatory Services		Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		148 INORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Desc:		221 LIGHT FUELS			
Waste Class: Waste Class Desc:		145 PAINT/PIGMENT/COATING RESIDUES			
Waste Class: Waste Class Desc:		252 WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Desc:		122 ALKALINE WASTES - OTHER METALS			
Waste Class: Waste Class Desc:		251 OIL SKIMMINGS & SLUDGES			
Waste Class: Waste Class Desc:		113 ACID WASTE - OTHER METALS			
Waste Class: Waste Class Desc:		146 OTHER SPECIFIED INORGANICS			
Waste Class: Waste Class Desc:		312 PATHOLOGICAL WASTES			
Waste Class: Waste Class Desc:		331 WASTE COMPRESSED GASES			
Waste Class: Waste Class Desc:		263 ORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Desc:		213 PETROLEUM DISTILLATES			
<u>7</u>	23 of 40	E/67.9	70.9 / 0.00	Ottawa Police Service 474 Elgin Street P.O. Box 9634 Station T Ottawa ON K2P 2J6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	 2011 621110			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>7</u>	24 of 40	E/67.9	70.9 / 0.00	City Of Ottawa 474 Elgin St. Ottawa ON K2P 2J6	GEN
Generator No: Status: Approval Years: Contam. Facility:	 2011 			PO Box No: Country: Choice of Contact: Co Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility:				Phone No Admin:	
SIC Code:	913150				
SIC Description:		Municipal Regulatory Services			
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			

[7](#) 25 of 40 E/67.9 70.9 / 0.00 CITY OF OTTAWA 474 ELGIN ST OTTAWA K2P 2J6 ON CA 474 ELGIN ST OTTAWA K2P 2J6 ON CA ON **FST**

Instance No:	10902727	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 UST	Fuel Type2:	NULL
Install Date:	1/19/1990	Fuel Type3:	NULL
Install Year:	1982	Piping Steel:	
Years in Service:	21.2	Piping Galvanized:	
Model:	NULL	Tanks Single Wall St:	
Description:		Piping Underground:	
Capacity:	22500	Num Underground:	
Tank Material:	Steel	Panam Related:	NULL
Corrosion Protect:	Impressed Current	Panam Venue:	NULL
Overfill Protect:			
Facility Type:	FS Liquid Fuel Tank		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Parent Facility Type:		Fuels Safety Private Fuel Outlet - Self Serve			
Facility Location:		474 ELGIN ST OTTAWA K2P 2J6 ON CA			
Device Installed Location:		474 ELGIN ST OTTAWA K2P 2J6 ON CA			
<u>Fuel Storage Tank Details</u>					
Owner Account Name:		CITY OF OTTAWA			
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:		NULL			
Owner Account Name:		CITY OF OTTAWA			
7	26 of 40	E/67.9	70.9 / 0.00	CITY OF OTTAWA 474 ELGIN ST OTTAWA K2P 2J6 ON CA 474 ELGIN ST OTTAWA K2P 2J6 ON CA ON	FST
Instance No:		10902744		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 UST		Fuel Type2: NULL	
Install Date:		1/19/1990		Fuel Type3: NULL	
Install Year:		1982		Piping Steel:	
Years in Service:		21.2		Piping Galvanized:	
Model:		NULL		Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:		9000		Num Underground:	
Tank Material:		Steel		Panam Related: NULL	
Corrosion Protect:		Impressed Current		Panam Venue: NULL	
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:		Fuels Safety Private Fuel Outlet - Self Serve			
Facility Location:		474 ELGIN ST OTTAWA K2P 2J6 ON CA			
Device Installed Location:		474 ELGIN ST OTTAWA K2P 2J6 ON CA			
<u>Fuel Storage Tank Details</u>					
Owner Account Name:		CITY OF OTTAWA			
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:		NULL			
Owner Account Name:		CITY OF OTTAWA			

7	27 of 40	E/67.9	70.9 / 0.00	City Of Ottawa 474 Elgin St. Ottawa ON K2P 2J6	GEN
Generator No:		ON8585320		PO Box No:	
Status:				Country:	
Approval Years:		2012		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		913150			
SIC Description:		Municipal Regulatory Services			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:			263		
Waste Class Desc:			ORGANIC LABORATORY CHEMICALS		
Waste Class:			113		
Waste Class Desc:			ACID WASTE - OTHER METALS		
Waste Class:			146		
Waste Class Desc:			OTHER SPECIFIED INORGANICS		
Waste Class:			213		
Waste Class Desc:			PETROLEUM DISTILLATES		
Waste Class:			252		
Waste Class Desc:			WASTE OILS & LUBRICANTS		
Waste Class:			148		
Waste Class Desc:			INORGANIC LABORATORY CHEMICALS		
Waste Class:			312		
Waste Class Desc:			PATHOLOGICAL WASTES		
Waste Class:			145		
Waste Class Desc:			PAINT/PIGMENT/COATING RESIDUES		
Waste Class:			251		
Waste Class Desc:			OIL SKIMMINGS & SLUDGES		
Waste Class:			221		
Waste Class Desc:			LIGHT FUELS		
Waste Class:			122		
Waste Class Desc:			ALKALINE WASTES - OTHER METALS		
Waste Class:			331		
Waste Class Desc:			WASTE COMPRESSED GASES		

<u>7</u>	28 of 40	E/67.9	70.9 / 0.00	City Of Ottawa 474 Elgin St. Ottawa ON	GEN
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Generator No:	ON8585320	PO Box No:	
Status:		Country:	
Approval Years:	2013	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	913150		
SIC Description:			

Detail(s)

Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			

7	29 of 40	E/67.9	70.9 / 0.00	CITY OF OTTAWA 474 ELGIN ST OTTAWA K2P 2J6 ON CA ON	CFOT
Licence No:				Item Description:	Fuel Oil Tank
Registration No:				Instance Type:	FS Fuel Oil Tank
Posse File No:				Facility Type:	FS Fuel Oil Tank
Posse Reg No:				Fuel Type:	Fuel Oil
Status Name:				Distributor:	
Tank Type:	Double Wall UST			Letter Sent:	
Tank Size:	25000			Comments:	
Tank Material:	Fiberglass (FRP)			Corrosion Protect:	Fiberglass
Instance No:	64509912			Province:	
Inst Creation Date:	7/14/2011 7:36:32 PM			Nbr:	
Inst Install Date:	7/14/2011 7:36:32 PM			Context:	FS Fuel Oil Tank
Item:	FS FUEL OIL TANK				
Tank Age (as of 05/1992):					
Device Installed Location:	474 ELGIN ST OTTAWA K2P 2J6 ON CA				
Description:	NULL				
Contact Name:					
Contact Address:					
Contact Address2:					
Contact Suite:					
Contact City:					
Contact Prov:					
Contact Postal:					

7	30 of 40	E/67.9	70.9 / 0.00	City of Ottawa 474 Elgin St Ottawa ON	SPL
Ref No:	5444-9N52BW			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2014/08/18			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Collision/Accident			Sector Type:	Motor Vehicle
Incident Event:				Agency Involved:	
Contaminant Code:	24			Nearest Watercourse:	
Contaminant Name:	ETHYLENE GLYCOL (ANTIFREEZE)			Site Address:	474 Elgin St

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: Surface Water Pollution Receiving Medium: Receiving Env: MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 2014/08/18 Dt Document Closed: 2014/11/21 Incident Reason: Unknown / N/A Site Name: Ottawa Police<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Ottawa Police, radiator fluid to cb, cnt Contaminant Qty: 0 other - see incident description				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: Watercourse Spills Source Type:	
7	31 of 40	E/67.9	70.9 / 0.00	The Regional Municipality of Ottawa-Carleton 474 Elgin Street Ottawa ON K2P 2L7	ECA
Approval No: 2866-4FRHD6 Approval Date: 2000-01-24 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR Project Type: AIR Business Name: The Regional Municipality of Ottawa-Carleton Address: 474 Elgin Street Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5283-4ESQ5Y-14.pdf				MOE District: Ottawa City: Longitude: -75.68674 Latitude: 45.412262 Geometry X: Geometry Y:	
7	32 of 40	E/67.9	70.9 / 0.00	City of Ottawa 474 Elgin St Ottawa ON K1P 1J1	ECA
Approval No: 4942-8NNLMR Approval Date: 2011-12-12 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR Project Type: AIR Business Name: City of Ottawa Address: 474 Elgin St Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0654-8LBH9Q-14.pdf				MOE District: Ottawa City: Longitude: -75.68674 Latitude: 45.412262 Geometry X: Geometry Y:	
7	33 of 40	E/67.9	70.9 / 0.00	City of Ottawa 474 Elgin Street Ottawa ON K2G 6J8	ECA
Approval No: 1977-6JZLJ2 Approval Date: 2005-12-15 Status: Approved Record Type: ECA				MOE District: Ottawa City: Longitude: -75.68674 Latitude: 45.412262	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-AIR				
Project Type:	AIR				
Business Name:	City of Ottawa				
Address:	474 Elgin Street				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2491-6HZMB7-14.pdf				

7	34 of 40	E/67.9	70.9 / 0.00	City Of Ottawa 474 Elgin St. Ottawa ON K1G 6H5	GEN
Generator No:	ON8585320			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Wally Watt
MHSW Facility:	No			Phone No Admin:	613-580-2424 Ext.23656
SIC Code:	913150				
SIC Description:	913150				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	113				
Waste Class Desc:	ACID WASTE - OTHER METALS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				

7	35 of 40	E/67.9	70.9 / 0.00	City Of Ottawa 474 Elgin St. Ottawa ON K1G 6H5	GEN
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON8585320			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Wally Watt
MHSW Facility:	No			Phone No Admin:	613-580-2424 Ext.23656
SIC Code:	913150				
SIC Description:	913150				
<u>Detail(s)</u>					
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	113				
Waste Class Desc:	ACID WASTE - OTHER METALS				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				

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E/67.9

70.9 / 0.00

City Of Ottawa
474 Elgin St.
Ottawa ON K1G 6H5

GEN

Generator No: ON8585320
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 913150
SIC Description: 913150

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Wally Watt
Phone No Admin: 613-580-2424 Ext.23656

Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			

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E/67.9

70.9 / 0.00

City Of Ottawa
474 Elgin St.
Ottawa ON K1G 6H5

GEN

Generator No: ON8585320
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No: 9634 STN T
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 112 C
Waste Class Desc: Acid solutions - containing heavy metals

Waste Class: 113 C
Waste Class Desc: Acid solutions - containing other metals and non-metals

Waste Class: 122 C
Waste Class Desc: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 145 L

<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>
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		146 T			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		148 A			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 I			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 L			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		213 L			
Waste Class Desc:		Petroleum distillates			
Waste Class:		221 I			
Waste Class Desc:		Light fuels			
Waste Class:		221 L			
Waste Class Desc:		Light fuels			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		263 B			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		263 C			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			

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E/67.9

70.9 / 0.00

City Of Ottawa
474 Elgin St.
Ottawa ON K1G 6H5

GEN

Generator No: ON8585320
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No: 9634 STN T
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 263 C
Waste Class Desc: Misc. waste organic chemicals

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Desc:		263 I Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		331 I Waste compressed gases including cylinders			
Waste Class: Waste Class Desc:		113 C Acid solutions - containing other metals and non-metals			
Waste Class: Waste Class Desc:		148 I Misc. wastes and inorganic chemicals			
Waste Class: Waste Class Desc:		146 T Other specified inorganic sludges, slurries or solids			
Waste Class: Waste Class Desc:		252 L Waste crankcase oils and lubricants			
Waste Class: Waste Class Desc:		148 L Misc. wastes and inorganic chemicals			
Waste Class: Waste Class Desc:		145 I Wastes from the use of pigments, coatings and paints			
Waste Class: Waste Class Desc:		148 A Misc. wastes and inorganic chemicals			
Waste Class: Waste Class Desc:		221 I Light fuels			
Waste Class: Waste Class Desc:		221 L Light fuels			
Waste Class: Waste Class Desc:		213 I Petroleum distillates			
Waste Class: Waste Class Desc:		112 C Acid solutions - containing heavy metals			
Waste Class: Waste Class Desc:		263 B Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		145 L Wastes from the use of pigments, coatings and paints			
Waste Class: Waste Class Desc:		251 L Waste oils/sludges (petroleum based)			
Waste Class: Waste Class Desc:		213 L Petroleum distillates			
Waste Class: Waste Class Desc:		312 P Pathological wastes			
Waste Class: Waste Class Desc:		122 C Alkaline slutions - containing other metals and non-metals (not cyanide)			

7

39 of 40

E/67.9

70.9 / 0.00

CITY OF OTTAWA
474 ELGIN ST OTTAWA K2P 2J6 ON CA
ON

FST

Instance No: 64509912
Status: Active
Cont Name:
Instance Type:

Manufacturer: ZCL
Serial No: NULL
Ulc Standard: NULL
Quantity: 1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Item:				Unit of Measure:	EA
Item Description:	Fuel Oil Tank			Fuel Type:	
Tank Type:	Double Wall UST			Fuel Type2:	
Install Date:	7/14/2011 7:36:32 PM			Fuel Type3:	
Install Year:	2011			Piping Steel:	
Years in Service:	NULL			Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:	NULL			Piping Underground:	
Capacity:	25000			Num Underground:	
Tank Material:	Fiberglass (FRP)			Panam Related:	NULL
Corrosion Protect:	Fiberglass			Panam Venue:	NULL
Overfill Protect:					
Facility Type:		FS FUEL OIL TANK			
Parent Facility Type:					
Facility Location:		474 ELGIN ST OTTAWA K2P 2J6 ON CA			
Device Installed Location:					

7	40 of 40	E/67.9	70.9 / 0.00	City Of Ottawa 474 Elgin St. Ottawa ON K1G 6H5	GEN
Generator No:	ON8585320			PO Box No:	9634 STN T
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:	148 A
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	312 P
Waste Class Desc:	Pathological wastes
Waste Class:	148 I
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	263 I
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	146 T
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	145 L
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	263 C
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	221 I
Waste Class Desc:	Light fuels
Waste Class:	122 C
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	251 L
Waste Class Desc:	Waste oils/sludges (petroleum based)
Waste Class:	113 C
Waste Class Desc:	Acid solutions - containing other metals and non-metals

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		213 L			
Waste Class Desc:		Petroleum distillates			
Waste Class:		148 L			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		263 B			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		145 I			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		221 L			
Waste Class Desc:		Light fuels			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			

8	1 of 9	WSW/80.7	70.9 / 0.00	424 Metcalfe Street Ottawa ON K2P 2C3	EHS
Order No:	20050317007			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:				Client Prov/State:	ON
Report Date:	3/25/2005			Search Radius (km):	0.25
Date Received:	3/17/2005			X:	-75.687895
Previous Site Name:				Y:	45.411874
Lot/Building Size:					
Additional Info Ordered:					

8	2 of 9	WSW/80.7	70.9 / 0.00	Centretown Citizens Ottawa Corporation 424 METCALFE ST, OTTAWA, ON, K2P 2C3 OTTAWA ON K2P 2C3	RSC
RSC ID:	56515			Cert Date:	10-Jun-09
RA No:				Cert Prop Use No:	No CPU
RSC Type:				Intended Prop Use:	Residential
Curr Property Use:	Commercial			Qual Person Name:	Ms. Kim Menard
Ministry District:	OTTAWA			Stratified (Y/N):	
Filing Date:	28-Oct-09			Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	Yes
Date Returned:				Accuracy Estimate:	11 to 20 meters
Restoration Type:				Telephone:	613-2344065x242
Soil Type:				Fax:	
Criteria:				Email:	projects@cchohousing.org
CPU Issued Sect 1686:	No				
Asmt Roll No:	0614042 - 201420000000				
Prop ID No (PIN):	04123-0054 LT				
Property Municipal Address:	424 METCALFE ST, OTTAWA, ON, K2P 2C3				
Mailing Address:	P.O. Box 2787, Stn. D, Ottawa, Ontario , K1P 5W8				
Latitude & Longitude:	45.41166670N 75.68777780W				
UTM Coordinates:	NAD83 18-446182-5028913 (converted from Latitude & Longitude)				
Consultant:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Legal Desc: Lots 6, 7 and 8, South Argyle Avenue, Plan 30, Part of Lots 6, 7 and 8, North Catherine Street, Plan 30 and Part of Lots 11 and 12, West Metcalfe Street, Plan 30, Designated as Part 1 on 4R-19596, City of Ottawa and Part of Lots 6, 7 and 8, North Catherine Street, Plan 30, Designated as Part 4 on 4R-19596, City of Ottawa					
Measurement Method: Digitized from a satellite image					
Applicable Standards: Full Depth Site Conditions Standard, with Nonpotable Ground Water, Medium/Fine Textured Soil, for Residential/Parkland/Institutional property use					
RSC PDF:					

<u>8</u>	3 of 9	WSW/80.7	70.9 / 0.00	Centretown Citizens Ottawa Corporation 424 Metcalfe St Ottawa ON K2P 2C3	CA
Certificate #: 0326-84NMNL					
Application Year: 2010					
Issue Date: 4/22/2010					
Approval Type: Air					
Status: Approved					
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

<u>8</u>	4 of 9	WSW/80.7	70.9 / 0.00	Centretown Citizens Ottawa Corporation 424 Metcalfe St Ottawa ON K2P 2C3	CA
Certificate #: 1655-7QUQFR					
Application Year: 2009					
Issue Date: 8/4/2009					
Approval Type: Municipal and Private Sewage Works					
Status: Revoked and/or Replaced					
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

<u>8</u>	5 of 9	WSW/80.7	70.9 / 0.00	Centretown Citizens Ottawa Corporation 424 Metcalfe St Ottawa ON K2P 2C3	CA
Certificate #: 7741-7VHJ3F					
Application Year: 2009					
Issue Date: 10/8/2009					
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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>8</u>	6 of 9	WSW/80.7	70.9 / 0.00	CENTRETOWN CITIZENS OTTAWA CORPORATION 424 METCALFE ST OTTAWA ON K2P 1C3	EASR
Approval No:	R-002-1000000228	SWP Area Name:			
Status:	REGISTERED	MOE District:			
Date:	2011-12-16	Municipality:	OTTAWA		
Record Type:	EASR	Latitude:			
Link Source:	MOFA	Longitude:			
Project Type:	Standby Power System	Geometry X:			
Full Address:		Geometry Y:			
Approval Type:	EASR-Standby Power System				
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=466				
<u>8</u>	7 of 9	WSW/80.7	70.9 / 0.00	Centretown Citizens Ottawa Corporation 424 Metcalfe St Ottawa ON	ECA
Approval No:	0326-84NMNL	MOE District:			
Approval Date:	2010-04-22	City:			
Status:	Approved	Longitude:			
Record Type:	ECA	Latitude:			
Link Source:	IDS	Geometry X:			
SWP Area Name:		Geometry Y:			
Approval Type:	ECA-AIR				
Project Type:	AIR				
Business Name:	Centretown Citizens Ottawa Corporation				
Address:	424 Metcalfe St				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1309-7XFMM5-14.pdf				
<u>8</u>	8 of 9	WSW/80.7	70.9 / 0.00	Centretown Citizens Ottawa Corporation 424 Metcalfe St Ottawa ON	ECA
Approval No:	7741-7VHJ3F	MOE District:			
Approval Date:	2009-10-08	City:			
Status:	Approved	Longitude:			
Record Type:	ECA	Latitude:			
Link Source:	IDS	Geometry X:			
SWP Area Name:		Geometry Y:			
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	Centretown Citizens Ottawa Corporation				
Address:	424 Metcalfe St				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6007-7V2QWE-14.pdf				
<u>8</u>	9 of 9	WSW/80.7	70.9 / 0.00	Centretown Citizens Ottawa Corporation 424 Metcalfe St Ottawa ON	ECA
Approval No:	1655-7QUQFR	MOE District:			
Approval Date:	2009-08-04	City:			
Status:	Revoked and/or Replaced	Longitude:			
Record Type:	ECA	Latitude:			
Link Source:	IDS	Geometry X:			
SWP Area Name:		Geometry Y:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Type:		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS			
Project Type:		MUNICIPAL AND PRIVATE SEWAGE WORKS			
Business Name:		Centretown Citizens Ottawa Corporation			
Address:		424 Metcalfe St			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/4112-7PNR67-14.pdf			

9	1 of 1	SSE/94.9	70.9 / 0.03	ON	BORE
Borehole ID:	847461			Inclin FLG:	No
OGF ID:	215589119			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	12-JUL-1961			Municipality:	
Static Water Level:				Lot:	LOT F
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.411637
Total Depth m:	1.5			Longitude DD:	-75.686693
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446267
Drill Method:	Hand auger			Northing:	5028909
Orig Ground Elev m:	68.2			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	68.6				
Concession:	BROKEN FRONT C				
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6557619			Mat Consistency:	
Top Depth:	.6			Material Moisture:	
Bottom Depth:	1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL SAND AND GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557620			Mat Consistency:	
Top Depth:	1			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	organic material			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ORGANIC MATERIAL AND SILTY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557618			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3:	Gravel			Geologic Period:	
Material 4:	Cinders			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL SAND GRAVEL CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.				

<u>10</u>	1 of 1	E/101.8	70.0 / -0.86	ON	BORE
Borehole ID:	613229			Inclin FLG:	No
OGF ID:	215514532			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	OCT-1972			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.412211
Total Depth m:	23.5			Longitude DD:	-75.685886
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446331
Drill Method:				Northing:	5028972
Orig Ground Elev m:	68.8			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	67.9				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218394239			Mat Consistency:	Stiff
Top Depth:	14.9			Material Moisture:	
Bottom Depth:	22.4			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. GREY,STIFF.				
Geology Stratum ID:	218394236			Mat Consistency:	Compact
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.8			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:				Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Silt			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ARTIFICIAL. DARK,BROWN,COMPACT.				
Geology Stratum ID:	218394238			Mat Consistency:	Firm
Top Depth:	4.6			Material Moisture:	
Bottom Depth:	14.9			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. GREY,STIFF,FIRM.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218394237			Mat Consistency:	Hard
Top Depth:	1.8			Material Moisture:	
Bottom Depth:	4.6			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. BROWN,HARD,STIFF,DESSICATED.				
Geology Stratum ID:	218394240			Mat Consistency:	Compact
Top Depth:	22.4			Material Moisture:	
Bottom Depth:	23.5			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT. GREY,COMPACT. 0000001700060013001500030049000300735016SE. SILT. GREY,DENSE TO VERY DENS **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Source					
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:	H			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 057370 NTS_Sheet: 31G05G				
Confiden 1:	Logged by professional. Exact and complete description of material and properties.				
Source List					
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				
11	1 of 3	WSW/104.2	70.9 / 0.00	LRC Development Team Test Client	WDS
				150 ARGYLE Ave	
				Ottaway ON M4W 1A1	
Approval No:	1407-9UCU52			Total Area (ha):	
Mob Unit Cert No:				Landfill Cap (m³):	
EBR Registry No:				Transfer Area (ha):	
Status:	Approved			Transfer Cap (m³):	
Facility Type:				Transfer Cert No:	
Record Type:	ECA			Inciner. Area (ha):	
Link Source:	IDS			Inciner. Cap (t):	
Project Type:	WASTE DISPOSAL SITES			Process Area (m³):	
Application Status:				Process Cap (m³/d):	
Issue Date:	2015-03-06			Process Vol (m³):	
Input Date:				Process Feed (m³):	
Date Received:				Site Concession:	
Est Closure Date:				Site Region/County:	Rideau Valley
Mobile Capacity:				SWP Area Name:	Ottawa
Mobile Units:				MOE District:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mobile Description: Prop City: Prop Postal: Prop Phone: Serial Link: Approval Type: ECA-WASTE DISPOSAL SITES Proponent: Prop Address: Proponent County/District: Full Address: 150 ARGYLE Ave Site Lot: Waste Class Code: Waste Class: Waste Type: Waste Type Other: Waste Description: Landfill Monitoring: Landfill Ctrl Type: Site Closing Description: Project Description: Municipalities Served: Approval Description: Other Approvals/Permits: PDF URL:				District Office: Latitude: 45.411823 Longitude: -75.68911 Geometry X: Geometry Y:	
11	2 of 3	WSW/104.2	70.9 / 0.00	LRC Development Team Test Client 150 ARGYLE Ave Ottaway ON M4W 1A1	ECA
Approval No: 4724-9UCTW6 Approval Date: 2015-03-06 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR Project Type: AIR Business Name: LRC Development Team Test Client Address: 150 ARGYLE Ave Full Address: Full PDF Link:				MOE District: Ottawa City: Longitude: -75.68911 Latitude: 45.411823 Geometry X: Geometry Y:	
11	3 of 3	WSW/104.2	70.9 / 0.00	LRC Development Team Test Client 150 ARGYLE Ave Ottaway ON M4W 1A1	WDS
Approval No: 1407-9UCU52 Mob Unit Cert No: EBR Registry No: Status: Approved Facility Type: Record Type: ECA Link Source: IDS Project Type: WASTE DISPOSAL SITES Application Status: Issue Date: 2015-03-06 Input Date: Date Received: Est Closure Date: Mobile Capacity: Mobile Units: Mobile Description:				Total Area (ha): Landfill Cap (m³): Transfer Area (ha): Transfer Cap (m³): Transfer Cert No: Inciner. Area (ha): Inciner. Cap (t): Process Area (m³): Process Cap (m³/d): Process Vol (m³): Process Feed (m³): Site Concession: Site Region/County: SWP Area Name: Rideau Valley MOE District: Ottawa District Office:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Prop City: Prop Postal: Prop Phone: Serial Link: Approval Type: Proponent: Prop Address: Proponent County/District: Full Address: Site Lot: Waste Class Code: Waste Class: Waste Type: Waste Type Other: Waste Description: Landfill Monitoring: Landfill Ctrl Type: Site Closing Description: Project Description: Municipalities Served: Approval Description: Other Approvals/Permits: PDF URL:				Latitude: 45.411823 Longitude: -75.68911 Geometry X: Geometry Y:	
		ECA-WASTE DISPOSAL SITES			
		150 ARGYLE Ave			

12	1 of 2	NE/111.1	71.9 / 1.03	City of Ottawa Argyle Avenue and Park Avenue Ottawa ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		3815-7QGL3P 2009 4/7/2009 Municipal and Private Sewage Works Approved			

12	2 of 2	NE/111.1	71.9 / 1.03	City of Ottawa Argyle Avenue and Park Avenue Ottawa ON K2G 6J8	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link:		3815-7QGL3P 2009-04-07 Approved ECA IDS ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS City of Ottawa Argyle Avenue and Park Avenue https://www.accessenvironment.ene.gov.on.ca/instruments/8951-7PSSJZ-14.pdf		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 1	S/115.0	70.9 / 0.00	ON	BORE
Borehole ID:	613220			Inclin FLG:	No
OGF ID:	215514523			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	SEP-1933			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.411393
Total Depth m:	-999			Longitude DD:	-75.687154
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446231
Drill Method:				Northing:	5028882
Orig Ground Elev m:	71			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	68.5				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218394186			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	fill
Gsc Material Description:					
Stratum Description:	FILL.				
Geology Stratum ID:	218394188			Mat Consistency:	Firm
Top Depth:	6.1			Material Moisture:	
Bottom Depth:	12.5			Material Texture:	
Material Color:	Blue			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. BLUE,FIRM.				
Geology Stratum ID:	218394187			Mat Consistency:	Compact
Top Depth:	.6			Material Moisture:	
Bottom Depth:	6.1			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. GREY,COMPACT.				
Geology Stratum ID:	218394189			Mat Consistency:	Loose
Top Depth:	12.5			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3: Material 4: Gsc Material Description: Stratum Description:		Geologic Period: Depositional Gen: SAND,SILT. LOOSE. ROCK. . CLAY. BROWN,GREY,VERY SOFT,FISSURED.CLAY. BROWN,GREY,STI **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 H Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 057280 NTS_Sheet: 31G05G Logged by professional. Exact and complete description of material and properties.	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level		
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada	Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator		

14	1 of 1	SSW/120.0	70.9 / 0.00	424 METCALFE ST 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:	7044390 Observation Wells Z58334 A051278	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:	6/4/2007 True 1844 3 424 METCALFE ST OTTAWA OTTAWA CITY		
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7044390.pdf				

Additional Detail(s) (Map)

Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:	2007/03/13 2007 4.5 45.4114500303842 -75.6878030238627 704\7044390.pdf
---	---

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	11766807			Elevation:	68.880813
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	x			East83:	446180.00
Code OB Desc:	Unknown type in the lower layers(s)			North83:	5028889.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	13-Mar-2007 00:00:00			UTMRC Desc:	margin of error : 10 - 30 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:	933102770
Layer:	4
Color:	2
General Color:	GREY
Mat1:	
Most Common Material:	
Mat2:	84
Mat2 Desc:	SILTY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3.9000000953674316
Formation End Depth:	4.5
Formation End Depth UOM:	m

Overburden and Bedrock
Materials Interval

Formation ID:	933102768
Layer:	2
Color:	2
General Color:	GREY
Mat1:	01
Most Common Material:	FILL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.2999999523162842
Formation End Depth:	1.899999976158142
Formation End Depth UOM:	m

Overburden and Bedrock
Materials Interval

Formation ID:	933102767
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	01

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:		FILL			
Formation Top Depth:		0.0			
Formation End Depth:		1.2999999523162842			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933102769			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.899999976158142			
Formation End Depth:		3.9000000953674316			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933320109			
Layer:		1			
Plug From:		0.5			
Plug To:		1.29999995231628			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		967044390			
Method Construction Code:		A			
Method Construction:		Digging			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11774497			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930900167			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.29999995231628			
Casing Diameter:		51			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		933424715			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer: 1 Slot: 10 Screen Top Depth: 1.5 Screen End Depth: 4.5 Screen Material: 5 Screen Depth UOM: m Screen Diameter UOM: cm Screen Diameter: 58					
<u>Hole Diameter</u>					
Hole ID: 11853423 Diameter: 20.0 Depth From: 0.0 Depth To: 4.5 Hole Depth UOM: m Hole Diameter UOM: cm					
15	1 of 23	WNW/120.6	70.9 / 0.00	GVT. OF CANADIAN NATIONAL MUSEUMS VICTORIA MUSEUM, MEDCALFE & MCLEOD STS. C/O BILLINGS BRIDGE PLAZA, SBI BLDG 9F OTTAWA, ON K1H 8L5	GEN
Generator No: ON0129410 Status: Approval Years: 86,87,88,89,90 Contam. Facility: MHSW Facility: SIC Code: 0000 SIC Description: *** NOT DEFINED ***		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
<u>Detail(s)</u>					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
15	2 of 23	WNW/120.6	70.9 / 0.00	GVT. OF CANADIAN NATIONAL MUSEUMS 18-280 VICTORIA MUSEUM, MEDCALFE & MCLEOD STS. C/O BILLINGS BRIDGE PLAZA, SBI BLDG 9F OTTAWA, ON K1H 8L5	GEN
Generator No: ON0129410 Status: Approval Years: 94,95,96 Contam. Facility: MHSW Facility: SIC Code: 9959 SIC Description: OTHER SERV. TO BLDG.		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
<u>Detail(s)</u>					
Waste Class: 241 Waste Class Desc: HALOGENATED SOLVENTS					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	3 of 23	WNW/120.6	70.9 / 0.00	VICTORIA MUSEUM CORNER OF MCLEOD AND O'CONNER STREET BOILER ROOM OTTAWA ON K1P6P4	GEN
Generator No:	ON0129410			PO Box No:	
Status:				Country:	
Approval Years:	97			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9959				
SIC Description:	OTHER SERV. TO BLDG.				
<u>Detail(s)</u>					
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
Waste Class:	243				
Waste Class Desc:	PCB'S				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				

15	4 of 23	WNW/120.6	70.9 / 0.00	NATIONAL MUSEUMS OF CANADA VICTORIA MUSEUM - BOILER ROOM 240 MCLEOD STREET OTTAWA ON K1P6P4	GEN
Generator No:	ON0129410			PO Box No:	
Status:				Country:	
Approval Years:	98,99,00,01,03,04,05,06			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9959				
SIC Description:	OTHER SERV. TO BLDG.				
<u>Detail(s)</u>					
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		243			
Waste Class Desc:		PCB'S			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
15	5 of 23	WNW/120.6	70.9 / 0.00	CANADIAN MUSEUM OF NATURE METCALFE & MCLEOD STREETS OTTAWA ON K1P 6P4	GEN
Generator No:	ON1765000			PO Box No:	
Status:				Country:	
Approval Years:	93,94,95,96,97,98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8551				
SIC Description:	MUSEUMS/ARCHIVES				
<u>Detail(s)</u>					
Waste Class:		114			
Waste Class Desc:		OTHER INORGANIC ACID WASTES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		243			
Waste Class Desc:		PCB'S			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		269			
Waste Class Desc:		NON-HALOGENATED PESTICIDES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	6 of 23	WNW/120.6	70.9 / 0.00	Canadian Museum of Nature ON	SCT
Established:		1990			
Plant Size (ft²):		180			
Employment:					
--Details--					
Description:		Book Publishers			
SIC/NAICS Code:		511130			
Description:		Museums (except Art Museums and Galleries)			
SIC/NAICS Code:		712119			
15	7 of 23	WNW/120.6	70.9 / 0.00	Canadian Museum of Nature 240 MCLEOD STREET OTTAWA ON K2P 2R1	GEN
Generator No:		ON6032145		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:		712119			
SIC Description:		Museums (except Art Museums and Galleries)			
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		243			
Waste Class Desc:		PCB'S			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
15	8 of 23	WNW/120.6	70.9 / 0.00	Hydro One Inc. 240 McLeod St MUSEUM OF NATURE<UNOFFICIAL>	SPL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ottawa ON K2P 2R1					
Ref No:	7135-6WUSSB			Discharger Report:	
Site No:				Material Group:	Oils
Incident Dt:	6/13/2006			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Other Transport Accident			Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	13			Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL			Site Address:	NORTH HALF OF LOT 8, CONCESSION 4, DYMOND TOWNSHIP
Contaminant Limit 1:				Site District Office:	North Bay
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Possible			Site Municipality:	Temiskaming Shores
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:	6/13/2006			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	Equipment/Vehicles			Source Type:	
Site Name:	NORTH HALF OF LOT 8, CONCESSION 4, DYMOND TOWNSHIP				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Museum of Nature: diesel to parking lot, cleaning				
Contaminant Qty:	not specified				

15	9 of 23	WNW/120.6	70.9 / 0.00	Canadian Museum of Nature 240 McLeod Street Ottawa ON K2P 2R1	CA
Certificate #:	6032-5ZENJB				
Application Year:	2004				
Issue Date:	5/31/2004				
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:					

15	10 of 23	WNW/120.6	70.9 / 0.00	Canadian Museum of Nature 240 McLeod St Ottawa ON K2P 2R1	SCT
Established:	01-AUG-90				
Plant Size (ft²):					
Employment:					
--Details--					
Description:	Book Publishers				
SIC/NAICS Code:	511130				
Description:	History and Science Museums				
SIC/NAICS Code:	712115				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	11 of 23	WNW/120.6	70.9 / 0.00	Canadian Museum of Nature 240 McLeod Street Ottawa ON K2P 2R1	SPL
Ref No:	2833-8GJP2C			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	4/15/2011			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Discharge or Emission to Air			Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	38			Nearest Watercourse:	
Contaminant Name:	REFRIGERANT GAS, N.O.S.			Site Address:	240 McLeod Street
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:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	Referral to others			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	5/4/2011			Site Map Datum:	
Dt Document Closed:	5/5/2011			SAC Action Class:	Air Spills - Gases and Vapours
Incident Reason:	Other - Reason not otherwise defined			Source Type:	
Site Name:	Canadian Museum of Nature<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	CMON-Halocarbon release to air				
Contaminant Qty:	11.3 kg				

15	12 of 23	WNW/120.6	70.9 / 0.00	Canadian Museum of Nature 240 MCLEOD STREET OTTAWA ON K2P 2R1	GEN
Generator No:	ON6032145			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	712119				
SIC Description:	Museums (except Art Museums and Galleries)				
<u>Detail(s)</u>					
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	121				
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	243				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PCBS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
15	13 of 23	WNW/120.6	70.9 / 0.00	Canadian Museum of Nature 240 MCLEOD STREET OTTAWA ON K2P 2R1	GEN
Generator No:		ON6032145		PO Box No:	
Status:				Country:	
Approval Years:		2010		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		712119			
SIC Description:		Museums (except Art Museums and Galleries)			
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		243			
Waste Class Desc:		PCBS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			

15	14 of 23	WNW/120.6	70.9 / 0.00	Canadian Museum of Nature 240 MCLEOD STREET OTTAWA ON K2P 2R1	GEN
Generator No:		ON6032145		PO Box No:	
Status:				Country:	
Approval Years:		2011		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		712119			
SIC Description:		Museums (except Art Museums and Galleries)			
<u>Detail(s)</u>					
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		243			
Waste Class Desc:		PCBS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

[15](#) 15 of 23 **WNW/120.6** **70.9 / 0.00** **Canadian Museum of Nature
240 MCLEOD STREET
OTTAWA ON K2P 2R1** **GEN**

Generator No:	ON6032145	PO Box No:	
Status:		Country:	
Approval Years:	2012	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	712119		
SIC Description:	Museums (except Art Museums and Galleries)		

Detail(s)

Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	243
Waste Class Desc:	PCBS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS

[15](#) 16 of 23 **WNW/120.6** **70.9 / 0.00** **Canadian Museum of Nature
240 MCLEOD STREET
OTTAWA ON** **GEN**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON6032145			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	712119				
SIC Description:	MUSEUMS (EXCEPT ART MUSEUMS AND GALLERIES)				
<u>Detail(s)</u>					
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	243				
Waste Class Desc:	PCBS				
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	121				
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS				

15 17 of 23 **WNW/120.6** **70.9 / 0.00** **Canadian Museum of Nature**
240 McLeod Street **ECA**
Ottawa ON K1P 6P4

Approval No:	6032-5ZENJB	MOE District:	Ottawa
Approval Date:	2004-05-31	City:	
Status:	Approved	Longitude:	-75.68894
Record Type:	ECA	Latitude:	45.41263
Link Source:	IDS	Geometry X:	
SWP Area Name:	Rideau Valley	Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Canadian Museum of Nature		
Address:	240 McLeod Street		
Full Address:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/9082-5YUM6J-14.pdf			

15	18 of 23	WNW/120.6	70.9 / 0.00	Canadian Museum of Nature 240 MCLEOD STREET OTTAWA ON K2P 2R1	GEN
Generator No:	ON6032145			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:	712119				
SIC Description:	MUSEUMS (EXCEPT ART MUSEUMS AND GALLERIES)				
<u>Detail(s)</u>					
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	243				
Waste Class Desc:	PCBS				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	121				
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				

15	19 of 23	WNW/120.6	70.9 / 0.00	Canadian Museum of Nature 240 MCLEOD STREET OTTAWA ON K2P 2R1	GEN
Generator No:	ON6032145			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:	No No 712119			Co Admin: Phone No Admin: MUSEUMS (EXCEPT ART MUSEUMS AND GALLERIES)	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		243 PCBS			
Waste Class: Waste Class Desc:		112 ACID WASTE - HEAVY METALS			
Waste Class: Waste Class Desc:		122 ALKALINE WASTES - OTHER METALS			
Waste Class: Waste Class Desc:		148 INORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Desc:		146 OTHER SPECIFIED INORGANICS			
Waste Class: Waste Class Desc:		145 PAINT/PIGMENT/COATING RESIDUES			
Waste Class: Waste Class Desc:		252 WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Desc:		121 ALKALINE WASTES - HEAVY METALS			
Waste Class: Waste Class Desc:		221 LIGHT FUELS			
Waste Class: Waste Class Desc:		212 ALIPHATIC SOLVENTS			
Waste Class: Waste Class Desc:		263 ORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Desc:		251 OIL SKIMMINGS & SLUDGES			
Waste Class: Waste Class Desc:		331 WASTE COMPRESSED GASES			

[15](#) 20 of 23 **WNW/120.6** **70.9 / 0.00** **Canadian Museum of Nature**
240 MCLEOD STREET
OTTAWA ON K2P 2R1 **GEN**

Generator No:	ON6032145	PO Box No:	
Status:		Country:	Canada
Approval Years:	2014	Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No	Co Admin:	
MHSW Facility:	No	Phone No Admin:	
SIC Code:	712119		
SIC Description:	MUSEUMS (EXCEPT ART MUSEUMS AND GALLERIES)		

Detail(s)

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

<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>Waste Class:</i> <i>Waste Class Desc:</i>		221 LIGHT FUELS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		331 WASTE COMPRESSED GASES			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		243 PCBS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		146 OTHER SPECIFIED INORGANICS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		121 ALKALINE WASTES - HEAVY METALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		251 OIL SKIMMINGS & SLUDGES			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		145 PAINT/PIGMENT/COATING RESIDUES			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		252 WASTE OILS & LUBRICANTS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		122 ALKALINE WASTES - OTHER METALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		212 ALIPHATIC SOLVENTS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		148 INORGANIC LABORATORY CHEMICALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		263 ORGANIC LABORATORY CHEMICALS			

15 21 of 23 **WNW/120.6** **70.9 / 0.00** **Canadian Museum of Nature
240 MCLEOD STREET
OTTAWA ON K2P 2R1** **GEN**

Generator No:	ON6032145	PO Box No:	
Status:	Registered	Country:	Canada
Approval Years:	As of Dec 2018	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class: Waste Class Desc:	112 C Acid solutions - containing heavy metals
Waste Class: Waste Class Desc:	121 C Alkaline slutions - containing heavy metals
Waste Class: Waste Class Desc:	122 C Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class: Waste Class Desc:	145 T Wastes from the use of pigments, coatings and paints
Waste Class: Waste Class Desc:	146 C Other specified inorganic sludges, slurries or solids

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		146 L			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		146 R			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		221 I			
Waste Class Desc:		Light fuels			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			

[15](#) 22 of 23 **WNW/120.6** **70.9 / 0.00** **Canadian Museum of Nature
240 MCLEOD STREET
OTTAWA ON K2P 2R1** **GEN**

Generator No:	ON6032145	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:	146 C
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	145 T
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	112 C
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	251 L
Waste Class Desc:	Waste oils/sludges (petroleum based)
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	212 L

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		146 R			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		121 C			
Waste Class Desc:		Alkaline slutions - containing heavy metals			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		146 L			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		221 I			
Waste Class Desc:		Light fuels			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			

[15](#) 23 of 23 **WNW/120.6** **70.9 / 0.00** **Canadian Museum of Nature
240 MCLEOD STREET
OTTAWA ON K2P 2R1** **GEN**

Generator No:	ON6032145	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:	146 L
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	146 C
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	263 L
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	148 C
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	212 I
Waste Class Desc:	Aliphatic solvents and residues

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		146 R			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		221 I			
Waste Class Desc:		Light fuels			
Waste Class:		121 C			
Waste Class Desc:		Alkaline slutions - containing heavy metals			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		145 T			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			

16 1 of 1 **ESE/125.1** **69.8 / -1.05** **ON** **BORE**

Borehole ID:	847460	Inclin FLG:	No
OGF ID:	215589118	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	12-JUL-1961	Municipality:	
Static Water Level:		Lot:	LOT F
Primary Water Use:		Township:	NEPEAN
Sec. Water Use:		Latitude DD:	45.411713
Total Depth m:	1.3	Longitude DD:	-75.685915
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	446328
Drill Method:	Hand auger	Northing:	5028917
Orig Ground Elev m:	68.1	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Within 10 metres
DEM Ground Elev m:	71.7		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557615	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	.5	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Fill	Geologic Formation:	
Material 2:	Sand	Geologic Group:	
Material 3:	Cinders	Geologic Period:	
Material 4:	Gravel	Depositional Gen:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Gsc Material Description:					
Stratum Description:		FILL SAND, CINDERS AND GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557617			Mat Consistency:	
Top Depth:	1.2			Material Moisture:	
Bottom Depth:	1.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557616			Mat Consistency:	
Top Depth:	.5			Material Moisture:	
Bottom Depth:	1.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Clay			Depositional Gen:	
Gsc Material Description:					
Stratum Description:		FILL GRAVEL SAND SOME CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.			

[17](#) 1 of 1 SE/127.2 70.9 / 0.03 ON BORE

Borehole ID:	847464	Inclin FLG:	No
OGF ID:	215589122	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	12-JUL-1961	Municipality:	
Static Water Level:		Lot:	LOT F
Primary Water Use:		Township:	NEPEAN
Sec. Water Use:		Latitude DD:	45.411423
Total Depth m:	1.3	Longitude DD:	-75.686371
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	446292
Drill Method:	Hand auger	Northing:	5028885
Orig Ground Elev m:	68.2	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Within 10 metres
DEM Ground Elev m:	73.2		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557631	Mat Consistency:	
Top Depth:	.3	Material Moisture:	
Bottom Depth:	.6	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Fill	Geologic Formation:	
Material 2:	Sand	Geologic Group:	
Material 3:	Gravel	Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:		FILL SAND AND GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	6557633			Mat Consistency:	
Top Depth:	.7			Material Moisture:	
Bottom Depth:	1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	organic material			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ORGANIC MATERIAL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557632			Mat Consistency:	
Top Depth:	.6			Material Moisture:	
Bottom Depth:	.7			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILTY CLAY FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557634			Mat Consistency:	
Top Depth:	1			Material Moisture:	
Bottom Depth:	1.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILTY SAND AND CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557630			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Cinders			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL, SAND GRAVEL CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.				

[18](#) 1 of 2 **NNW/128.7** **70.9 / 0.00** **ON** **WWIS**

Well ID:	1508110	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	7/9/1951
Sec. Water Use:	0	Selected Flag:	True
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3725
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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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\1508110.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	1950/09/06				
Year Completed:	1950				
Depth (m):	23.7744				
Latitude:	45.4135487686022				
Longitude:	-75.6875639509265				
Path:	150\1508110.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10030145			Elevation:	69.964828
DP2BR:	18.00			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	446200.70
Code OB Desc:	Bedrock			North83:	5029122.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	06-Sep-1950 00:00:00			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
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:	931008830				
Layer:	2				
Color:					
General Color:					
Mat1:	19				
Most Common Material:	SLATE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	18.0				
Formation End Depth:	78.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931008829				
Layer:	1				
Color:					
General Color:					
Mat1:	02				
Most Common Material:	TOPSOIL				

<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>
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961508110			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10578715			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930052948			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		18			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930052949			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		78			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991508110			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		55.0			
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<u>Water Details</u>					
Water ID:		933462483			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		55.0			
Water Found Depth UOM:		ft			

18	2 of 2	NNW/128.7	70.9 / 0.00	ON	WWIS
Well ID:		1508111		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Domestic		Date Received: 7/9/1951	
Sec. Water Use:		0		Selected Flag: True	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor: 3725	
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\1508111.pdf

Additional Detail(s) (Map)

Well Completed Date: 1950/09/24
Year Completed: 1950
Depth (m): 21.0312
Latitude: 45.4135487686022
Longitude: -75.6875639509265
Path: 150\1508111.pdf

Bore Hole Information

Bore Hole ID:	10030146	Elevation:	69.964828
DP2BR:	16.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	446200.70
Code OB Desc:	Bedrock	North83:	5029122.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	24-Sep-1950 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931008831			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931008832			
Layer:		2			
Color:					
General Color:					
Mat1:		19			
Most Common Material:		SLATE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		16.0			
Formation End Depth:		69.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961508111			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578716			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930052951			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		69			
Casing Diameter:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930052950			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		16			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508111			
Pump Set At:					
Static Level:		35.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<u>Water Details</u>					
Water ID:		933462484			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60.0			
Water Found Depth UOM:		ft			

19	1 of 1	E/128.8	69.8 / -1.05	ON	BORE
Borehole ID:		613230		Inclin FLG: No	
OGF ID:		215514533		SP Status: Initial Entry	
Status:		Borehole		Surv Elev: No	
Type:		Borehole		Piezometer: No	
Use:				Primary Name:	
Completion Date:		SEP-1933		Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD: 45.412393	
Total Depth m:		-999		Longitude DD: -75.685505	
Depth Ref:		Ground Surface		UTM Zone: 18	
Depth Elev:				Easting: 446361	
Drill Method:				Northing: 5028992	
Orig Ground Elev m:		70.6		Location Accuracy:	
Elev Reliabil Note:				Accuracy: Not Applicable	
DEM Ground Elev m:		68.1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218394241			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND.				
Geology Stratum ID:	218394242			Mat Consistency:	Hard
Top Depth:	.2			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:	Yellow			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. YELLOW,HARD.				
Geology Stratum ID:	218394243			Mat Consistency:	Stiff
Top Depth:	1.5			Material Moisture:	
Bottom Depth:	4.6			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. GREY,STIFF.				
Geology Stratum ID:	218394245			Mat Consistency:	Soft
Top Depth:	6.1			Material Moisture:	
Bottom Depth:	12.2			Material Texture:	
Material Color:	Blue			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. BLUE,SOFT.				
Geology Stratum ID:	218394244			Mat Consistency:	Compact
Top Depth:	4.6			Material Moisture:	
Bottom Depth:	6.1			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. GREY,COMPACT.				
Geology Stratum ID:	218394246			Mat Consistency:	Compact
Top Depth:	12.2			Material Moisture:	
Bottom Depth:				Material Texture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Grey Sand			Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
SAND. LOOSE. STIFF. SILT. GREY,COMPACT. 0000001700060013001500030049000300735016SE. SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.					
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 H			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 057380 NTS_Sheet: 31G05G Logged by professional. Exact and complete description of material and properties.					
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
20	1 of 7	SW/131.0	70.9 / 0.00	464 Metcalfe Ottawa ON	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:	20120227056 C Site Report 2/28/2012 7:55:30 PM 2/27/2012 7:52:55 PM			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	CO 0.25 -75.687801 45.41163
20	2 of 7	SW/131.0	70.9 / 0.00	CENTRETOWN CITIZENS OTTAWA CORPORATION 464 Metcalfe Street Ottawa ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON4321223 2010 531310 Real Estate Property Managers			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: Waste Class Desc:	251 OIL SKIMMINGS & SLUDGES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	3 of 7	SW/131.0	70.9 / 0.00	Modern Niagara Building Services 464 Metcalfe Street Ottawa ON K2P 1B7	GEN
Generator No:	ON6183296			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	531310				
SIC Description:	REAL ESTATE PROPERTY MANAGERS				
Detail(s)					
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
20	4 of 7	SW/131.0	70.9 / 0.00	Modern Niagara Building Services 464 Metcalfe Street Ottawa ON K2P 1B7	GEN
Generator No:	ON6183296			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:	212 L				
Waste Class Desc:	Aliphatic solvents and residues				
20	5 of 7	SW/131.0	70.9 / 0.00	Modern Niagara Building Services 464 Metcalfe Street Ottawa ON K2P 1B7	GEN
Generator No:	ON6183296			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:	212 L				
Waste Class Desc:	Aliphatic solvents and residues				
20	6 of 7	SW/131.0	70.9 / 0.00	Taillefer Plumbing & Heating Inc 464 Metcalfe Ottawa ON K2P 1B7	GEN
Generator No:	ON6484178			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:					
Detail(s)					
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
20	7 of 7	SW/131.0	70.9 / 0.00	Modern Niagara Building Services 464 Metcalfe Street Ottawa ON K2P 1B7	GEN
Generator No:	ON6183296			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:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
21	1 of 1	SSE/133.4	70.1 / -0.76	ON	BORE
Borehole ID:	847462			Inclin FLG:	No
OGF ID:	215589120			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	12-JUL-1961			Municipality:	
Static Water Level:				Lot:	LOT F
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.411258
Total Depth m:	1.1			Longitude DD:	-75.686766
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446261
Drill Method:	Hand auger			Northing:	5028867
Orig Ground Elev m:	68.2			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	73.3				
Concession:	BROKEN FRONT C				
Location D:					
Survey D:					
Comments:					
Borehole Geology Stratum					
Geology Stratum ID:	6557623			Mat Consistency:	
Top Depth:	.8			Material Moisture:	
Bottom Depth:	1.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY	**Note: Many records provided by the department have a truncated [Stratum Description] field.		
Geology Stratum ID:	6557621			Mat Consistency:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	0 .5 Fill Sand Gravel Cinders			Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
FILL SAND GRAVEL CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.					
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	6557622 .5 .8 Fill Sand Silt			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
FILL SAND AND SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.					
22	1 of 3	SW/145.3	70.8 / -0.05	City of Ottawa 105 Catherine Street Ottawa ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:	0761-5WHMAE 2004 3/8/2004 Industrial Sewage Works Approved				
22	2 of 3	SW/145.3	70.8 / -0.05	CENTRETOWN CITIZENS OTTAWA CORPORATION 105 CATHERINE STREET OTTAWA ON K2P 1C3	EASR
Approval No: Status: Date: Record Type: Link Source: Project Type: Full Address: Approval Type: Full PDF Link:	R-002-1000000425 REGISTERED 2012-01-25 EASR MOFA Standby Power System EASR-Standby Power System http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=635				
SWP Area Name: MOE District: Municipality: Latitude: Longitude: Geometry X: Geometry Y:	OTTAWA 0.0 0.0				
22	3 of 3	SW/145.3	70.8 / -0.05	City of Ottawa 105 Catherine Street Ottawa ON K2G 6J8	ECA
Approval No: Approval Date:	0761-5WHMAE 2004-03-08				
MOE District: City:	Ottawa				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status:	Approved			Longitude:	-75.68846
Record Type:	ECA			Latitude:	45.41152
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS				
Project Type:	INDUSTRIAL SEWAGE WORKS				
Business Name:	City of Ottawa				
Address:	105 Catherine Street				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1421-5V5KXB-14.pdf				

23	1 of 1	SE/146.7	69.7 / -1.20	ON	BORE
Borehole ID:	847469			Inclin FLG:	No
OGF ID:	215589127			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	15-AUG-1961			Municipality:	
Static Water Level:				Lot:	LOT F
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.411352
Total Depth m:	2.1			Longitude DD:	-75.686064
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446316
Drill Method:	Power auger			Northing:	5028877
Orig Ground Elev m:	68			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	73.2				
Concession:	BROKEN FRONT C				
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6557647			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Cinders			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL SAND WITH A LITTLE GRAVEL AND A FEW CINDER LAYERS **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557649			Mat Consistency:	
Top Depth:	1.4			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	organic material			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ORGANIC MATERIAL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557650			Mat Consistency:	
Top Depth:	1.5			Material Moisture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth:	2.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAYEY SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557648			Mat Consistency:	
Top Depth:	.8			Material Moisture:	
Bottom Depth:	1.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:	Clay			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL SILTY SAND WITH A LITTLE CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.				

[24](#) 1 of 1 SSE/147.6 70.2 / -0.69 ON BORE

Borehole ID:	847468	Inclin FLG:	No
OGF ID:	215589126	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	15-AUG-1961	Municipality:	
Static Water Level:		Lot:	LOT F
Primary Water Use:		Township:	NEPEAN
Sec. Water Use:		Latitude DD:	45.411188
Total Depth m:	1.5	Longitude DD:	-75.686471
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	446284
Drill Method:	Power auger	Northing:	5028859
Orig Ground Elev m:	68.1	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Within 10 metres
DEM Ground Elev m:	73.3		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557644	Mat Consistency:	
Top Depth:	.6	Material Moisture:	
Bottom Depth:	.9	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Fill	Geologic Formation:	
Material 2:	Clay	Geologic Group:	
Material 3:	Sand	Geologic Period:	
Material 4:	Silt	Depositional Gen:	
Gsc Material Description:			
Stratum Description:	FILL CLAY , SAND, SILT AND ORGANIC MATERIAL **Note: Many records provided by the department have a truncated [Stratum Description] field.		
Geology Stratum ID:	6557646	Mat Consistency:	
Top Depth:	1.2	Material Moisture:	
Bottom Depth:	1.5	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:		CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.		Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 6557643 Top Depth: 0 Bottom Depth: .6 Material Color: Material 1: Fill Material 2: Sand Material 3: Gravel Material 4: Cinders Gsc Material Description: Stratum Description:		FILL SAND WITH A LITTLE GRAVEL AND A FEW LAYERS OF CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 6557645 Top Depth: .9 Bottom Depth: 1.2 Material Color: Material 1: Clay Material 2: Silt Material 3: Material 4: Gsc Material Description: Stratum Description:		CLAY AND SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
25	1 of 1	E/150.0	70.9 / 0.00	Paramount Properties 475 Elgin st Ottawa ON K2P 2E6	GEN
Generator No: ON9800579 Status: Approval Years: 2010 Contam. Facility: MHSW Facility: SIC Code: 511111 SIC Description:				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
26	1 of 1	NE/154.6	71.9 / 1.00	83 & 85 Park Avenue Ottawa ON	EHS
Order No: 20040505003 Status: C Report Type: Complete Report Report Date: 5/12/04 Date Received: 5/5/04 Previous Site Name: Lot/Building Size: Additional Info Ordered: Title Search				Nearest Intersection: Elgin Street Municipality: City of Ottawa Client Prov/State: ON Search Radius (km): 0.25 X: -75.6863 Y: 45.413684	
27	1 of 1	NNW/157.3	70.9 / 0.00	ON	WWIS
Well ID: 1508112		Data Entry Status:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	7/9/1951
Sec. Water Use:	0			Selected Flag:	True
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3725
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\1508112.pdf

Additional Detail(s) (Map)

Well Completed Date: 1950/09/27
Year Completed: 1950
Depth (m): 27.432
Latitude: 45.4137264725859
Longitude: -75.6879495137808
Path: 150\1508112.pdf

Bore Hole Information

Bore Hole ID:	10030147	Elevation:	70.757591
DP2BR:	20.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	446170.70
Code OB Desc:	Bedrock	North83:	5029142.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	27-Sep-1950 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 931008834
Layer: 2
Color:
General Color:
Mat1: 19
Most Common Material: SLATE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		90.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931008833			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961508112			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578717			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930052952			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930052953			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		90			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID:		991508112			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		75.0			
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<u>Water Details</u>					
Water ID:		933462485			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		80.0			
Water Found Depth UOM:		ft			

28 1 of 1 **SSW/159.2** **70.2 / -0.69** **ON** **BORE**

Borehole ID:	847453	Inclin FLG:	No
OGF ID:	215589111	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	06-JUL-1961	Municipality:	
Static Water Level:		Lot:	LOT F
Primary Water Use:		Township:	NEPEAN
Sec. Water Use:		Latitude DD:	45.411011
Total Depth m:	1.5	Longitude DD:	-75.687453
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	446207
Drill Method:	Hand auger	Northing:	5028840
Orig Ground Elev m:	68.2	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Within 10 metres
DEM Ground Elev m:	73.1		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557587	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	.5	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Fill	Geologic Formation:	
Material 2:	Cinders	Geologic Group:	
Material 3:	Gravel	Geologic Period:	
Material 4:	Sand	Depositional Gen:	
Gsc Material Description:			
Stratum Description:	FILL CINDERS GRAVEL SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	6557589			Mat Consistency:	
Top Depth:	.6			Material Moisture:	
Bottom Depth:	.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAYEY FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557588			Mat Consistency:	
Top Depth:	.5			Material Moisture:	
Bottom Depth:	.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SANDY FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557591			Mat Consistency:	
Top Depth:	1.4			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILTY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557590			Mat Consistency:	
Top Depth:	.9			Material Moisture:	
Bottom Depth:	1.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Topsoil			Geologic Formation:	
Material 2:	organic material			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	TOPSOIL WITH ORGANIC MATERIAL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
29	1 of 1	ENE/161.6	70.9 / 0.00	SENTINEL MANAGEMENT 45 ARGYLE AVENUE OTTAWA ON K2P 1B3	GEN
Generator No:	ON7235842			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:	531310				
SIC Description:	REAL ESTATE PROPERTY MANAGERS				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
30	1 of 1	SE/164.8	70.2 / -0.69	ON	BORE
Borehole ID:	847463			Inclin FLG:	No
OGF ID:	215589121			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	13-JUL-1961			Municipality:	
Static Water Level:				Lot:	LOT F
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.411127
Total Depth m:	2.7			Longitude DD:	-75.686138
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446310
Drill Method:	Hand auger			Northing:	5028852
Orig Ground Elev m:	67.8			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	70.6				
Concession:		BROKEN FRONT C			
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6557628			Mat Consistency:	
Top Depth:	1.7			Material Moisture:	
Bottom Depth:	2.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:	Clay			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL MIXTURE SAND SILT AND CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557625			Mat Consistency:	
Top Depth:	.6			Material Moisture:	
Bottom Depth:	.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL MOSTLY SAND AND SOME GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557626			Mat Consistency:	
Top Depth:	.9			Material Moisture:	
Bottom Depth:	1.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Clay			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL SAND, GRAVEL, CLAY AND SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557627			Mat Consistency:	
Top Depth:	1.4			Material Moisture:	
Bottom Depth:	1.7			Material Texture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		FILL, SILTY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557624			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Cinders			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	
Gsc Material Description:					
Stratum Description:		FILL CINDERS SAND AND GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557629			Mat Consistency:	
Top Depth:	2.4			Material Moisture:	
Bottom Depth:	2.7			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.			

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1 of 1

SE/167.0

68.4 / -2.50

ON

BORE

Borehole ID:	847459	Inclin FLG:	No
OGF ID:	215589117	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	11-JUL-1961	Municipality:	
Static Water Level:		Lot:	LOT F
Primary Water Use:		Township:	NEPEAN
Sec. Water Use:		Latitude DD:	45.411355
Total Depth m:	1.6	Longitude DD:	-75.685655
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	446348
Drill Method:	Hand auger	Northing:	5028877
Orig Ground Elev m:	67.3	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Within 10 metres
DEM Ground Elev m:	71.7		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557612	Mat Consistency:	
Top Depth:	.3	Material Moisture:	
Bottom Depth:	.5	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Fill	Geologic Formation:	
Material 2:	Gravel	Geologic Group:	
Material 3:	Sand	Geologic Period:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 4:					
Gsc Material Description:					
Stratum Description: FILL GRAVEL AND SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.					
Geology Stratum ID: 6557614					
Top Depth: .6					
Bottom Depth: 1.6					
Material Color:					
Material 1: Sand					
Material 2: Silt					
Material 3: Clay					
Material 4:					
Gsc Material Description:					
Stratum Description: FINE SILTY SAND AND CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.					
Geology Stratum ID: 6557611					
Top Depth: 0					
Bottom Depth: .3					
Material Color:					
Material 1: Fill					
Material 2: Cinders					
Material 3: Sand					
Material 4: Gravel					
Gsc Material Description:					
Stratum Description: FILL CINDERS SAND AND GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.					
Geology Stratum ID: 6557613					
Top Depth: .5					
Bottom Depth: .6					
Material Color:					
Material 1: organic material					
Material 2:					
Material 3:					
Material 4:					
Gsc Material Description:					
Stratum Description: ORGANIC MATERIAL **Note: Many records provided by the department have a truncated [Stratum Description] field.					
32	1 of 1	NNE/167.1	71.9 / 1.03	415 Elgin St (Southbound lanes on Elgin St, just south of McLeod St. and SW of Elgin St and Lewis St. Ottawa ON	SPL
Ref No: 3604-A6ML5L					
Site No: NA					
Incident Dt: 2016/01/29					
Year:					
Incident Cause:					
Incident Event: Leak/Break					
Contaminant Code: 13					
Contaminant Name: FUEL OIL					
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Environment Impact:					
Nature of Impact:					
Receiving Medium:					
Receiving Env: Land					
MOE Response: No					
Dt MOE Arvl on Scn:					
Discharger Report:					
Material Group:					
Health/Env Conseq:					
Client Type:					
Sector Type: Miscellaneous Communal					
Agency Involved:					
Nearest Watercourse:					
Site Address: 415 Elgin St (Southbound lanes on Elgin St, just south of McLeod St. and SW of Elgin St and Lewis St.					
Site District Office:					
Site Postal Code:					
Site Region:					
Site Municipality: Ottawa					
Site Lot:					
Site Conc:					
Northing: 5029178					
Easting: 446240					
Site Geo Ref Accu:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MOE Reported Dt: 2016/01/29 Dt Document Closed: Incident Reason: Equipment Failure Site Name: Bus stop<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: OC Transpo: fuel to land, CB, cntd & clng Contaminant Qty: 0 other - see incident description Site Map Datum: SAC Action Class: Land Spills Source Type:					
33	1 of 1	NW/167.3	71.6 / 0.75	215 Mcleod Ottawa ON K2P 0Z8	EHS
Order No: 20120216042 Status: C Report Type: Standard Report Report Date: 2/28/2012 4:58:40 PM Date Received: 2/16/2012 4:56:03 PM Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.688438 Y: 45.41363					
34	1 of 3	S/168.4	70.2 / -0.69	DRAIN-ALL LTD HWY 417 EAST, AT METCALFE TRANSPORT TRUCK (CARGO) OTTAWA CITY ON	SPL
Ref No: 99198 Site No: Incident Dt: 4/27/1994 Year: Incident Cause: OTHER TRANSPORTATION ACCIDENT Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: NOT ANTICIPATED Nature of Impact: Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 4/27/1994 Dt Document Closed: Incident Reason: ERROR Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: DRAIN-ALL VAN - 23 L GAS-OLINE TO HWY, CONTAINED ERP CALLED FOR E.G. # 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:					
34	2 of 3	S/168.4	70.2 / -0.69	Highway 417 @ Metcalfe St. Ottawa ON	SPL
Ref No: 8030-7TQ6U8 Site No: Incident Dt: Year: Incident Cause: Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	7/6/2009			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Highway Spills (usually highway accidents)
Incident Reason:				Source Type:	
Site Name:		Highway 417 @ Metcalfe St.<UNOFFICIAL>			
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:		TT accident: Hwy 417, dsl spill to roadway, drain			
Contaminant Qty:					

[34](#) 3 of 3 S/168.4 70.2 / -0.69 ON **BORE**

Borehole ID:	847399			Inclin FLG:	No
OGF ID:	215589063			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	07-DEC-1959			Municipality:	
Static Water Level:	6.4			Lot:	LOT F
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.410913
Total Depth m:	36.1			Longitude DD:	-75.687234
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446224
Drill Method:	Diamond Drill			Northing:	5028829
Orig Ground Elev m:	68.2			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	73.5				
Concession:		BROKEN FRONT C			
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6557300			Mat Consistency:	Stiff
Top Depth:	4.6			Material Moisture:	
Bottom Depth:	12.2			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY GREY STIFF HIGH PLASTICITY (CH) **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557297			Mat Consistency:	Very Loose
Top Depth:	1.5			Material Moisture:	
Bottom Depth:	1.7			Material Texture:	Fine
Material Color:				Non Geo Mat Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Sand			Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	6557298 1.7 3 Brown-Grey Silt Clay			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Very Stiff
				FINE SAND VERY LOOSE **Note: Many records provided by the department have a truncated [Stratum Description] field.	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	6557304 20.7 24.4			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Very Loose
				SANDY SILT WITH SOME CLAY, LOW PLASTICITY, VERY LOOSE (ML) **Note: Many records provided by the department have a truncated [Stratum Description] field.	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	6557305 24.4 30.2			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Dense Medium
				SILT WITH SOME FINE SAND AND A TRACE OF COARSE SAND MEDIUM DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	6557301 12.2 15.2 Grey Silt Clay Fine Sand			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Soft Medium
				SILT WITH SOME CLAY AND A LITTLE FINE SAND, GREY MEDIUM SOFT, LOW PLASTICITY (ML) **Note: Many records provided by the department have a truncated [Stratum Description] field.	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	6557310 34.5 36.1			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
				SHALE, CORE RECOVERY 93% **Note: Many records provided by the department have a truncated [Stratum Description] field.	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description] field.					
Geology Stratum ID:	6557299			Mat Consistency:	Stiff
Top Depth:	3			Material Moisture:	
Bottom Depth:	4.6			Material Texture:	
Material Color:	Brown-Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY, BROWNISH GREY FISSURED STIFF HIGH PLASTICITY (CH) **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557306			Mat Consistency:	Loose
Top Depth:	30.2			Material Moisture:	
Bottom Depth:	30.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	TILL, LOOSE **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557308			Mat Consistency:	
Top Depth:	31.8			Material Moisture:	
Bottom Depth:	33.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Shale			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SHALE, CORE RECOVERY INDEFINITE BUT GREATER THAN 59% **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557302			Mat Consistency:	Soft
Top Depth:	15.2			Material Moisture:	
Bottom Depth:	18.7			Material Texture:	Medium
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY, GREY, MEDIUM SOFT LOW PLASTICITY (CL) **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557303			Mat Consistency:	Soft
Top Depth:	18.7			Material Moisture:	
Bottom Depth:	20.7			Material Texture:	Medium
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT AND CLAY IN 1/2in. LAYERS, GREY MEDIUM SOFT (ML&CL IN LAYERS) **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557307			Mat Consistency:	Dense
Top Depth:	30.8			Material Moisture:	
Bottom Depth:	31.8			Material Texture:	Medium
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		TILL, MEDIUM DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557309			Mat Consistency:	
Top Depth:	33.5			Material Moisture:	
Bottom Depth:	34.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Shale			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SHALE, CORE RECOVERY 90% **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557296			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.			

35 1 of 1 ESE/169.6 67.6 / -3.27 ON BORE

Borehole ID:	847429	Inclin FLG:	No
OGF ID:	215589087	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	02-MAR-1961	Municipality:	
Static Water Level:		Lot:	LOT F
Primary Water Use:		Township:	NEPEAN
Sec. Water Use:		Latitude DD:	45.411934
Total Depth m:	41.1	Longitude DD:	-75.6851
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	446392
Drill Method:	Diamond Drill	Northing:	5028941
Orig Ground Elev m:	67.8	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Within 10 metres
DEM Ground Elev m:	71.3		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557482	Mat Consistency:	Very Dense
Top Depth:	21	Material Moisture:	
Bottom Depth:	37.9	Material Texture:	
Material Color:	Grey	Non Geo Mat Type:	
Material 1:	Silt	Geologic Formation:	
Material 2:	Fine Sand	Geologic Group:	
Material 3:	Clay	Geologic Period:	
Material 4:		Depositional Gen:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Gsc Material Description:					
Stratum Description:		COMPACT TO VERY DENSE GREY SILT SOME FINE SAND TRACE CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557480			Mat Consistency:	Stiff
Top Depth:	0			Material Moisture:	
Bottom Depth:	12.2			Material Texture:	
Material Color:	Brown-Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Fine Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		STIFF BROWN TO GREY CLAY SOME SILT TRACE FIN SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557484			Mat Consistency:	
Top Depth:	38.3			Material Moisture:	
Bottom Depth:	41.1			Material Texture:	
Material Color:	Dark			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Shale			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		DARK GREY SHALE BEDROCK **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557481			Mat Consistency:	Stiff
Top Depth:	12.2			Material Moisture:	
Bottom Depth:	21			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Fine Sand			Geologic Period:	
Material 4:	organic material			Depositional Gen:	
Gsc Material Description:					
Stratum Description:		STIFF GREY SILTY CLAY SOME FINE SAND OCCASIONAL POCKETS OF ORGANIC MATERIAL **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557483			Mat Consistency:	Very Dense
Top Depth:	37.9			Material Moisture:	
Bottom Depth:	38.3			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		VERY DENSE BROWN SANDY TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.			

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1 of 1

SSE/171.4

69.9 / -1.00

ON

BORE

Borehole ID:	847458	Inclin FLG:	No
OGF ID:	215589116	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	11-JUL-1961	Municipality:	
Static Water Level:		Lot:	LOT F
Primary Water Use:		Township:	NEPEAN
Sec. Water Use:		Latitude DD:	45.410945
Total Depth m:	1.4	Longitude DD:	-75.686544

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446278
Drill Method:	Hand auger			Northing:	5028832
Orig Ground Elev m:	67.4			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	70				
Concession:	BROKEN FRONT C				
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6557608			Mat Consistency:	
Top Depth:	.5			Material Moisture:	
Bottom Depth:	1.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL MOSTLY SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Geology Stratum ID:	6557607			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Cinders			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL CINDER SAND GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Geology Stratum ID:	6557609			Mat Consistency:	
Top Depth:	1.1			Material Moisture:	
Bottom Depth:	1.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	organic material			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ORGANIC MATERIAL AND SILTY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.				

37	1 of 1	SW/174.0	71.3 / 0.43	CENTRETOWN CITIZENS OTTAWA CORPORATION 111 CATHERINE STREET OTTAWA ON K2P 0P4	EASR
Approval No:	R-002-1000000433			SWP Area Name:	
Status:	REGISTERED			MOE District:	
Date:	2012-01-26			Municipality:	OTTAWA
Record Type:	EASR			Latitude:	
Link Source:	MOFA			Longitude:	
Project Type:	Standby Power System			Geometry X:	
Full Address:				Geometry Y:	
Approval Type:	EASR-Standby Power System				
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=643				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	1 of 5	NW/179.0	71.9 / 1.00	223-231 McLeod Street Ottawa ON K2P 0Z8	EHS
Order No:	20191203094			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	06-DEC-19			Search Radius (km):	.25
Date Received:	03-DEC-19			X:	-75.688753
Previous Site Name:				Y:	45.413577
Lot/Building Size:					
Additional Info Ordered:					
38	2 of 5	NW/179.0	71.9 / 1.00	223-231 McLeod Street Ottawa ON K2P 0Z8	EHS
Order No:	20191203094			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	06-DEC-19			Search Radius (km):	.25
Date Received:	03-DEC-19			X:	-75.688753
Previous Site Name:				Y:	45.413577
Lot/Building Size:					
Additional Info Ordered:					
38	3 of 5	NW/179.0	71.9 / 1.00	223-231 McLeod Street Ottawa ON K2P 0Z8	EHS
Order No:	20191203094			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	06-DEC-19			Search Radius (km):	.25
Date Received:	03-DEC-19			X:	-75.688753
Previous Site Name:				Y:	45.413577
Lot/Building Size:					
Additional Info Ordered:					
38	4 of 5	NW/179.0	71.9 / 1.00	223-231 McLeod Street Ottawa ON K2P 0Z8	EHS
Order No:	20191203094			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	06-DEC-19			Search Radius (km):	.25
Date Received:	03-DEC-19			X:	-75.688753
Previous Site Name:				Y:	45.413577
Lot/Building Size:					
Additional Info Ordered:					
38	5 of 5	NW/179.0	71.9 / 1.00	223-231 McLeod Street Ottawa ON K2P 0Z8	EHS
Order No:	20191203094			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	06-DEC-19			Search Radius (km):	.25
Date Received:	03-DEC-19			X:	-75.688753
Previous Site Name:				Y:	45.413577

Lot/Building Size:
Additional Info Ordered:

39	1 of 1	W/181.4	71.9 / 1.00	ON	BORE
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Borehole ID:	613234	Inclin FLG:	No
OGF ID:	215514536	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:	1900	Municipality:	
Static Water Level:	13.7	Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.412459
Total Depth m:	-999	Longitude DD:	-75.689468
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	446051
Drill Method:		Northing:	5029002
Orig Ground Elev m:	71.6	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	71.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218394260	Mat Consistency:	
Top Depth:	7.6	Material Moisture:	
Bottom Depth:	12.2	Material Texture:	
Material Color:	Grey	Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	CLAY. GREY,PLASTIC.		

Geology Stratum ID:	218394257	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	1.2	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Fill	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	fill
Gsc Material Description:			
Stratum Description:	FILL.		

Geology Stratum ID:	218394261	Mat Consistency:	
Top Depth:	12.2	Material Moisture:	
Bottom Depth:	15.2	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:	Silt	Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218394263	Mat Consistency:	
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Top Depth:	19.8			Material Moisture:	
Bottom Depth:	37.2			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY. GREY.			
Geology Stratum ID:	218394264			Mat Consistency:	
Top Depth:	37.2			Material Moisture:	
Bottom Depth:	40.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		TILL.			
Geology Stratum ID:	218394258			Mat Consistency:	
Top Depth:	1.2			Material Moisture:	
Bottom Depth:	2.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		GRAVEL.			
Geology Stratum ID:	218394259			Mat Consistency:	Stiff
Top Depth:	2.1			Material Moisture:	
Bottom Depth:	7.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY. STIFF.			
Geology Stratum ID:	218394265			Mat Consistency:	Dense
Top Depth:	40.2			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BEDROCK. T. 0000001700060013001500030049000300735016SE. SILT. GREY,DENSE TO VERY DENSE.			
Geology Stratum ID:	218394262			Mat Consistency:	
Top Depth:	15.2			Material Moisture:	
Bottom Depth:	19.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY. WATER STABLE AT 190.0 FEET.			

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

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Ident:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	H	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 057420 NTS_Sheet: 31G05G		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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		

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1 of 1

WSW/184.2

71.9 / 1.03

ON

[WWIS](#)

Well ID:	7206031	Data Entry Status:	Yes
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	8/7/2013
Sec. Water Use:		Selected Flag:	True
Final Well Status:		Abandonment Rec:	
Water Type:		Contractor:	7328
Casing Material:		Form Version:	8
Audit No:	C19504	Owner:	
Tag:	A122816	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:	2012/02/02
Year Completed:	2012
Depth (m):	
Latitude:	45.4112995514335
Longitude:	-75.6888746892396
Path:	

Bore Hole Information

Bore Hole ID:	1004496339	Elevation:	68.952087
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446096.00
Code OB Desc:		North83:	5028873.00

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole: Cluster Kind: Date Completed: 02-Feb-2012 00:00:00 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Org CS: UTMRC: UTMRC Desc: Location Method:	UTM83 5 margin of error : 100 m - 300 m gcode

<u>41</u>	1 of 1	ENE/187.0	72.0 / 1.17	ON	BORE
Borehole ID: 613245 OGF ID: 215514547 Status: Type: Borehole Use: Completion Date: MAR-1971 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 14.3 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 70.3 Elev Reliabil Note: DEM Ground Elev m: 68.1 Concession: Location D: Survey D: Comments:				Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.412937 Longitude DD: -75.684873 UTM Zone: 18 Easting: 446411 Northing: 5029052 Location Accuracy: Accuracy: Not Applicable	

Borehole Geology Stratum

Geology Stratum ID: 218394314 Top Depth: 1.8 Bottom Depth: 4.9 Material Color: Brown Material 1: Clay Material 2: Silt Material 3: Material 4: Gsc Material Description: Stratum Description: CLAY. BROWN,GREY,VERY STIFF TO HARD,FISSURED.				Mat Consistency: Hard Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 218394317 Top Depth: 6.9 Bottom Depth: 8.4 Material Color: Grey Material 1: Clay Material 2: Silt Material 3: Material 4: Gsc Material Description: Stratum Description: CLAY. GREY,SOFT TO STIFF,FISSURED.				Mat Consistency: Soft Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 218394318 Top Depth: 8.4 Bottom Depth: 11.4 Material Color: Grey Material 1: Clay				Mat Consistency: Soft Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Silt			Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218394316 5.3 6.9 Grey Clay Silt			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Soft
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218394319 11.4 14.3 Grey Clay Silt Sand			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Soft
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218394313 0 1.8			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218394315 4.9 5.3 Grey Clay Silt			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Soft
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 H			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Source Name: Source Details: Confiden 1:	Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 057530 NTS_Sheet: 31G05G Logged by professional. Exact and complete description of material and properties.				

Source List

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

[42](#) 1 of 1 **S/187.4** **70.1 / -0.80** **ON** **BORE**

Borehole ID:	847456	Inclin FLG:	No
OGF ID:	215589114	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	10-JUL-1961	Municipality:	
Static Water Level:		Lot:	LOT F
Primary Water Use:		Township:	NEPEAN
Sec. Water Use:		Latitude DD:	45.410742
Total Depth m:	1.2	Longitude DD:	-75.687232
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	446224
Drill Method:	Hand auger	Northing:	5028810
Orig Ground Elev m:	67.2	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Within 10 metres
DEM Ground Elev m:	71.5		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557603	Mat Consistency:	
Top Depth:	1	Material Moisture:	
Bottom Depth:	1.2	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	organic material	Geologic Formation:	
Material 2:	Clay	Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	ORGANIC MATERIAL AND CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557602	Mat Consistency:	
Top Depth:	.6	Material Moisture:	
Bottom Depth:	1	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Fill	Geologic Formation:	
Material 2:	Sand	Geologic Group:	
Material 3:	Silt	Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	FILL SILTY SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557600	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	.3	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Fill	Geologic Formation:	
Material 2:	Cinders	Geologic Group:	
Material 3:	Sand	Geologic Period:	
Material 4:	Gravel	Depositional Gen:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Gsc Material Description:					
Stratum Description:		FILL CINDERS SAND GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557601			Mat Consistency:	
Top Depth:	.3			Material Moisture:	
Bottom Depth:	.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:	Cinders			Depositional Gen:	
Gsc Material Description:					
Stratum Description:		FILL SILTY SAND CINDERS AND GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.			

<u>43</u>	1 of 1	E/188.7	70.0 / -0.91	ON	BORE
Borehole ID:	613233			Inclin FLG:	No
OGF ID:	215514535			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	SEP-1933			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.412488
Total Depth m:	-999			Longitude DD:	-75.68474
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446421
Drill Method:				Northing:	5029002
Orig Ground Elev m:	70.7			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	66.2				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218394255			Mat Consistency:	Firm
Top Depth:	5.5			Material Moisture:	
Bottom Depth:	13.4			Material Texture:	
Material Color:	Blue			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY. BLUE,FIRM.			
Geology Stratum ID:	218394252			Mat Consistency:	Loose
Top Depth:	0			Material Moisture:	
Bottom Depth:	.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SAND. LOOSE.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218394254			Mat Consistency:	Firm
Top Depth:	1.8			Material Moisture:	
Bottom Depth:	5.5			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY. GREY,FIRM.			
Geology Stratum ID:	218394253			Mat Consistency:	Compact
Top Depth:	.3			Material Moisture:	
Bottom Depth:	1.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY. COMPACT.			
Geology Stratum ID:	218394256			Mat Consistency:	Compact
Top Depth:	13.4			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SAND,SILT. LOOSE. D. LOOSE. STIFF. SILT. GREY,COMPACT.			0000001700060013001500030049000 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

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:	H	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 057410 NTS_Sheet: 31G05G		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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		

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SSW/190.0

70.9 / 0.00

ON

BORE

Borehole ID:	847457	Inclin FLG:	No
OGF ID:	215589115	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	10-JUL-1961	Municipality:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 1.8 Depth Ref: Ground Surface Depth Elev: Drill Method: Hand auger Orig Ground Elev m: 68.3 Elev Reliabil Note: DEM Ground Elev m: 73.8 Concession: BROKEN FRONT C Location D: Survey D: Comments:				Lot: LOT F Township: NEPEAN Latitude DD: 45.41081 Longitude DD: -75.687936 UTM Zone: 18 Easting: 446169 Northing: 5028818 Location Accuracy: Accuracy: Within 10 metres	

Borehole Geology Stratum

Geology Stratum ID: 6557604 Top Depth: 0 Bottom Depth: .5 Material Color: Material 1: Fill Material 2: Cinders Material 3: Gravel Material 4: Sand Gsc Material Description: Stratum Description:	FILL CINDERS GRAVEL SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:
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Geology Stratum ID: 6557606 Top Depth: 1 Bottom Depth: 1.8 Material Color: Grey Material 1: organic material Material 2: Clay Material 3: Material 4: Gsc Material Description: Stratum Description:	ORGANIC MATERIAL AND GREY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:
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Geology Stratum ID: 6557605 Top Depth: .5 Bottom Depth: 1 Material Color: Material 1: Fill Material 2: Sand Material 3: Gravel Material 4: Clay Gsc Material Description: Stratum Description:	FILL SAND GRAVEL AND CLAY LAYERS **Note: Many records provided by the department have a truncated [Stratum Description] field.	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:
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[45](#)

1 of 1

SSW/191.0

70.8 / -0.07

ON

BORE

Borehole ID: 847467 OGF ID: 215589125 Status: Decommissioned Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: 15-AUG-1961 Static Water Level: Primary Water Use:	Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: LOT F Township: NEPEAN
---	---

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sec. Water Use:				Latitude DD:	45.41074
Total Depth m:	2.3			Longitude DD:	-75.687615
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446194
Drill Method:	Power auger			Northing:	5028810
Orig Ground Elev m:	68.1			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	73.9				
Concession:		BROKEN FRONT C			
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	6557641			Mat Consistency:	
Top Depth:	1.5			Material Moisture:	
Bottom Depth:	2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	organic material			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		ORGANIC MATERIAL	**Note: Many records provided by the department have a truncated [Stratum Description] field.		
Geology Stratum ID:	6557639			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Cinders			Depositional Gen:	
Gsc Material Description:					
Stratum Description:		FILL SAND WITH A LITTLE GRAVEL AND A FEW LAYERS OF CINDERS	**Note: Many records provided by the department have a truncated [Stratum Description] field.		
Geology Stratum ID:	6557640			Mat Consistency:	
Top Depth:	.8			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:	Silt			Depositional Gen:	
Gsc Material Description:					
Stratum Description:		FILL SAND CLAY AND SILT	**Note: Many records provided by the department have a truncated [Stratum Description] field.		
Geology Stratum ID:	6557642			Mat Consistency:	
Top Depth:	2			Material Moisture:	
Bottom Depth:	2.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY	**Note: Many records provided by the department have a truncated [Stratum Description] field.		

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1 of 1

ESE/191.0

66.1 / -4.77

ON

BORE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Borehole ID:	847430			Inclin FLG:	No
OGF ID:	215589088			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	02-MAR-1961			Municipality:	
Static Water Level:				Lot:	LOT F
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.411529
Total Depth m:	43.1			Longitude DD:	-75.685069
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446394
Drill Method:	Diamond Drill			Northing:	5028896
Orig Ground Elev m:	67.6			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	70.8				
Concession:		BROKEN FRONT C			
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	6557489			Mat Consistency:	Very Dense
Top Depth:	39.6			Material Moisture:	
Bottom Depth:	40.7			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		VERY DENSE BROWN SANDY TILL		**Note: Many records provided by the department have a truncated [Stratum Description] field.	
Geology Stratum ID:	6557486			Mat Consistency:	Stiff
Top Depth:	1.5			Material Moisture:	
Bottom Depth:	11.3			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Fine Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		STIFF GREY CLAY SOME SILT TRACE FINE SAND		**Note: Many records provided by the department have a truncated [Stratum Description] field.	
Geology Stratum ID:	6557487			Mat Consistency:	Stiff
Top Depth:	11.3			Material Moisture:	
Bottom Depth:	20.9			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Fine Sand			Geologic Period:	
Material 4:	organic material			Depositional Gen:	
Gsc Material Description:					
Stratum Description:		STIFF GREY SILTY CLAY, SOME FINE SAND OCCASIONAL POCKETS OF ORGANIC MATERIAL		**Note: Many records provided by the department have a truncated [Stratum Description] field.	
Geology Stratum ID:	6557488			Mat Consistency:	Compact
Top Depth:	20.9			Material Moisture:	
Bottom Depth:	39.6			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2:	Fine Sand			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	COMPACT TO DENSE GREY SILT SOME FINE SAND TRACE CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557485			Mat Consistency:	Loose
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Topsoil			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LOOSE TO COMPACT FILL SANDY TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557490			Mat Consistency:	
Top Depth:	40.7			Material Moisture:	
Bottom Depth:	43.1			Material Texture:	
Material Color:	Dark			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Shale			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	DARK GREY SHALE BEDROCK **Note: Many records provided by the department have a truncated [Stratum Description] field.				

47	1 of 1	SW/195.5	71.9 / 1.03	CATHERINE STREET/METCALFE lot F con C OTTAWA ON	WWIS
Well ID:	7292768			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/17/2017
Sec. Water Use:				Selected Flag:	True
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7543
Casing Material:				Form Version:	7
Audit No:	Z217814			Owner:	
Tag:	A203626			Street Name:	CATHERINE STREET/METCALFE
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	F
Well Depth:				Concession:	C
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:	2017/06/28
Year Completed:	2017
Depth (m):	5.4864
Latitude:	45.4108974509487
Longitude:	-75.6883841770118

Path:

Bore Hole Information

Bore Hole ID:	1006712580	Elevation:	69.846755
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446134.00
Code OB Desc:		North83:	5028828.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	28-Jun-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:	1006836680
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
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:	1006836681
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	2.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1006836687
Layer:	1
Plug From:	0
Plug To:	12
Plug Depth UOM:	ft

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

Method Construction ID: 1006836686
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: AUGERING

Pipe Information

Pipe ID: 1006836679
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1006836685
Layer: 1
Slot: 10
Screen Top Depth: 13
Screen End Depth: 18
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.5

Water Details

Water ID: 1006836683
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006836682
Diameter: 10.0
Depth From: 0.0
Depth To: 18.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

48	1 of 1	ENE/196.6	71.2 / 0.31	467 ELGIN STREET CORNER OF AEGYLE AVENUE Ottawa ON	WWIS
Well ID:	7361250			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	6/30/2020
Sec. Water Use:				Selected Flag:	True
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7328
Casing Material:				Form Version:	7
Audit No:	Z231092			Owner:	
Tag:	A167592			Street Name:	467 ELGIN STREET CORNER OF AEGYLE AVENUE
Construction Method:				County:	OTTAWA

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

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2016/09/16
Year Completed: 2016
Depth (m): 6.1
Latitude: 45.4133749820069
Longitude: -75.685027541457
Path:

Bore Hole Information

Bore Hole ID:	1008323548	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446399.00
Code OB Desc:		North83:	5029101.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	16-Sep-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: 1008384582
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.4000000953674316
Formation End Depth: 6.099999904632568
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1008384581
Layer: 1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:					
General Color:					
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		2.4000000953674316			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008384589			
Layer:		1			
Plug From:					
Plug To:					
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1008384588			
Method Construction Code:		F			
Method Construction:		H.S.A.			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1008384580			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1008384586			
Layer:		1			
Slot:		25			
Screen Top Depth:		3.04999995231628			
Screen End Depth:		6.09999990463257			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		5.88000011444092			
<u>Water Details</u>					
Water ID:		1008384584			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		2.430000066757202			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1008384583			
Diameter:		20.299999237060547			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From: Depth To: Hole Depth UOM: Hole Diameter UOM:		0.0 6.099999904632568 m cm			
49	1 of 3	WNW/197.2	71.9 / 1.00	377-379 Metcalf St. Ottawa ON	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20000920005 C Complete Report 9/25/00 9/21/00		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	Ottawa Carleton ON 0.25 -75.689148 45.413452
49	2 of 3	WNW/197.2	71.9 / 1.00	OPAL TYPESETTERS LTD. 379 METCALFE ST., SUITE 3 OTTAWA ON K2P 1S7	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON0925500 86,87,88,89,90 2821 PLATEMAKING, ETC.		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: Waste Class Desc:		264 PHOTOPROCESSING WASTES			
49	3 of 3	WNW/197.2	71.9 / 1.00	OPAL TYPESETTERS LTD. 29-291 379 METCALFE ST., SUITE 3 OTTAWA ON K2P 1S7	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON0925500 92,93,94,95,96,97,98 2821 PLATEMAKING, ETC.		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: Waste Class Desc:		264 PHOTOPROCESSING WASTES			
50	1 of 1	ESE/200.6	64.9 / -6.00	ON	BORE
Borehole ID: OGF ID: Status: Type: Use: Completion Date:		847431 215589089 Decommissioned Borehole Geotechnical/Geological Investigation 11-FEB-1961		Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality:	No Initial Entry No No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 19.8 Depth Ref: Ground Surface Depth Elev: Drill Method: Diamond Drill Orig Ground Elev m: 67.8 Elev Reliabil Note: DEM Ground Elev m: 73.2 Concession: BROKEN FRONT C Location D: Survey D: Comments:		Lot: LOT F Township: NEPEAN Latitude DD: 45.411919 Longitude DD: -75.68469 UTM Zone: 18 Easting: 446424 Northing: 5028939 Location Accuracy: Accuracy: Within 10 metres			
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 6557492 Top Depth: 3.3 Bottom Depth: 10.7 Material Color: Grey Material 1: Clay Material 2: Silt Material 3: Fine Sand Material 4: Gsc Material Description: Stratum Description: STIFF GREY CLAY SOME SILT TRACE FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		Mat Consistency: Stiff Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:			
Geology Stratum ID: 6557493 Top Depth: 10.7 Bottom Depth: 19.8 Material Color: Grey Material 1: Clay Material 2: Silt Material 3: Fine Sand Material 4: Gsc Material Description: Stratum Description: STIFF GREY SILTY CLAY SOME FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		Mat Consistency: Stiff Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:			
Geology Stratum ID: 6557491 Top Depth: 0 Bottom Depth: 3.3 Material Color: Brown-Grey Material 1: Sand Material 2: Silt Material 3: Material 4: Gsc Material Description: Stratum Description: COMPACT BROWN TO GREY SILTY FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		Mat Consistency: Compact Material Moisture: Material Texture: Fine Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:			
51	1 of 1	SE/202.8	67.5 / -3.34	64 ISABELLA ST. Ottawa ON	WWIS
Well ID: 7142130 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: 0 Final Well Status: Monitoring and Test Hole Water Type: Casing Material: Audit No: Z100125		Data Entry Status: Data Src: Date Received: 3/24/2010 Selected Flag: True Abandonment Rec: Contractor: 7241 Form Version: 7 Owner:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:	A091019			Street Name:	64 ISABELLA 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): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/714\7142130.pdf

Additional Detail(s) (Map)

Well Completed Date: 2010/01/24
Year Completed: 2010
Depth (m): 5.79
Latitude: 45.41098644156
Longitude: -75.6855609675553
Path: 714\7142130.pdf

Bore Hole Information

Bore Hole ID:	1002952993	Elevation:	66.413612
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446355.00
Code OB Desc:		North83:	5028836.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	24-Jan-2010 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: 1003158223
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 1.8300000429153442
Formation End Depth: 3.6600000858306885
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1003158224			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		3.6600000858306885			
Formation End Depth:		5.789999961853027			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003158222			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		0.0			
Formation End Depth:		1.8300000429153442			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003158226			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1003158232			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003158221			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003158228			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		2.74000000953674			
Casing Diameter:		3.45000004768372			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003158229			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.74000000953674			
Screen End Depth:		5.78999996185303			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.21000003814697			
<u>Water Details</u>					
Water ID:		1003158227			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003158225			
Diameter:		8.25			
Depth From:		0.0			
Depth To:		5.789999961853027			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

52	1 of 1	SSE/204.2	68.8 / -2.05	64 ISABELLA ST. ON	WWIS
Well ID:		7142128		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Monitoring and Test Hole		Date Received:	
Sec. Water Use:		0		3/24/2010	
Final Well Status:		Monitoring and Test Hole		Selected Flag:	
Water Type:				True	
Casing Material:				Abandonment Rec:	
Audit No:		Z100126		Contractor:	
Tag:		A091017		7241	
Construction Method:				Form Version:	
Elevation (m):				7	
Elevation Reliability:				Owner:	
Depth to Bedrock:				Street Name:	
Well Depth:				64 ISABELLA ST.	
Overburden/Bedrock:				County:	
Pump Rate:				OTTAWA	
Static Water Level:				Municipality:	
Flowing (Y/N):				OTTAWA CITY	
Flow Rate:				Site Info:	
Clear/Cloudy:				Lot:	
				Concession:	
				Concession Name:	
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/714\7142128.pdf			

Additional Detail(s) (Map)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Well Completed Date: 2010/02/24
Year Completed: 2010
Depth (m): 5.79
Latitude: 45.4107032781439
Longitude: -75.6862476363949
Path: 714\7142128.pdf

Bore Hole Information

Bore Hole ID:	1002952989	Elevation:	65.870666
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446301.00
Code OB Desc:		North83:	5028805.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	24-Feb-2010 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: 1003158161
Layer: 1
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0.0
Formation End Depth: 1.8300000429153442
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1003158163
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 3.6600000858306885
Formation End Depth: 5.789999961853027
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1003158162			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		1.8300000429153442			
Formation End Depth:		3.6600000858306885			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003158166			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		2.44000005722046			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003158167			
Layer:		3			
Plug From:		2.44000005722046			
Plug To:		5.78999996185303			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003158165			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003158173			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003158160			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003158169			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.74000000953674			
Casing Diameter:		3.45000004768372			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003158170			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.74000000953674			
Screen End Depth:		5.78999996185303			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.21000003814697			
<u>Water Details</u>					
Water ID:		1003158168			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003158164			
Diameter:		8.25			
Depth From:		0.0			
Depth To:		5.789999961853027			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

<u>53</u>	1 of 1	SSW/212.0	70.8 / -0.07	ON	BORE
Borehole ID:	847452			Inclin FLG:	No
OGF ID:	215589110			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	06-JUL-1961			Municipality:	
Static Water Level:				Lot:	LOT F
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.410568
Total Depth m:	1.5			Longitude DD:	-75.687754
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446183
Drill Method:	Hand auger			Northing:	5028791
Orig Ground Elev m:	67.1			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	72.5				
Concession:	BROKEN FRONT C				
Location D:					
Survey D:					
Comments:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	6557583			Mat Consistency:	
Top Depth:	.8			Material Moisture:	
Bottom Depth:	.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY AND SILT MIXTURE **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557582			Mat Consistency:	
Top Depth:	.3			Material Moisture:	
Bottom Depth:	.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	organic material			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ORGANIC MATERIAL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557581			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Cinders			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL SAND CINDERS GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
54	1 of 1	N/214.2	70.9 / 0.00	407 Elgin St Ottawa ON K2P 1N2	EHS
Order No:	20080721001			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Complete Report			Client Prov/State:	ON
Report Date:	7/29/2008			Search Radius (km):	0.25
Date Received:	7/21/2008			X:	-75.687015
Previous Site Name:				Y:	45.41441
Lot/Building Size:					
Additional Info Ordered:					
55	1 of 2	ESE/214.5	65.1 / -5.80	DRAIN-ALL LTD. INTERSECTION OF ISABELLA AND ELGIN TANK TRUCK (CARGO) GLOUCESTER CITY ON	SPL
Ref No:	156676			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	6/10/1998			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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: NOT ANTICIPATED Nature of Impact: Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 6/10/1998 Dt Document Closed: Incident Reason: EQUIPMENT FAILURE Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: DRAIN-ALL: 8L WATER- BASED PAINT SPILLED TO ROAD. Contaminant Qty:</p>					
<p>Site District Office: Site Postal Code: Site Region: Site Municipality: 20105 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:</p>					
55	2 of 2	ESE/214.5	65.1 / -5.80	City of Ottawa Elgin St Isabella Street Ottawa ON K2G 6J8	ECA
<p>Approval No: 6595-99MKMF Approval Date: 2013-08-29 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: City of Ottawa Address: Elgin St Isabella Street Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1213-978PNB-14.pdf</p>					
<p>MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:</p>					
56	1 of 2	WSW/215.7	71.9 / 1.00	180 ARGYLE AVENUE Ottawa ON	WWIS
<p>Well ID: 7179491 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: 0 Final Well Status: Observation Wells Water Type: Casing Material: Audit No: Z134452 Tag: A087398 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:</p>					
<p>Data Entry Status: Data Src: Date Received: 4/17/2012 Selected Flag: True Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 180 ARGYLE AVENUE County: OTTAWA Municipality: NEPEAN TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:</p>					
<p>PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/7177179491.pdf</p>					

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

Well Completed Date: 2012/01/17
Year Completed: 2012
Depth (m): 6.71
Latitude: 45.4115113253107
Longitude: -75.6895801480885
Path: 717\7179491.pdf

Bore Hole Information

Bore Hole ID:	1003711259	Elevation:	69.686981
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446041.00
Code OB Desc:		North83:	5028897.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	17-Jan-2012 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: 1004248296
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.6100000143051147
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1004248297
Layer: 2
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 0.6100000143051147
Formation End Depth: 2.440000057220459
Formation End Depth UOM: m

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		1004248298			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2.440000057220459			
Formation End Depth:		6.710000038146973			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004248306			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004248308			
Layer:		3			
Plug From:		3.34999990463257			
Plug To:		6.71000003814697			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004248307			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		3.34999990463257			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004248305			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004248295			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004248301			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer: 1					
Material: 5					
Open Hole or Material: PLASTIC					
Depth From: 0					
Depth To: 3.66000008583069					
Casing Diameter: 4.03000020980835					
Casing Diameter UOM: cm					
Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 1004248302					
Layer: 1					
Slot: 10					
Screen Top Depth: 3.66000008583069					
Screen End Depth: 6.71000003814697					
Screen Material: 5					
Screen Depth UOM: m					
Screen Diameter UOM: cm					
Screen Diameter: 4.82000017166138					
<u>Water Details</u>					
Water ID: 1004248300					
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1004248299					
Diameter: 8.25					
Depth From: 0.0					
Depth To: 6.710000038146973					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

56	2 of 2	WSW/215.7	71.9 / 1.00	180 ARGYLE AVENUE Ottawa ON	WWIS
Well ID: 7179492		Data Entry Status:			
Construction Date:		Data Src:			
Primary Water Use: Monitoring and Test Hole		Date Received: 4/17/2012			
Sec. Water Use: 0		Selected Flag: True			
Final Well Status: Monitoring and Test Hole		Abandonment Rec:			
Water Type:		Contractor: 7241			
Casing Material:		Form Version: 7			
Audit No: Z134451		Owner:			
Tag: A087399		Street Name: 180 ARGYLE AVENUE			
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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7179492.pdf

Additional Detail(s) (Map)

Well Completed Date: 2012/01/17
Year Completed: 2012
Depth (m): 6.71
Latitude: 45.4115113253107
Longitude: -75.6895801480885
Path: 717\7179492.pdf

Bore Hole Information

Bore Hole ID:	1003711262	Elevation:	69.686981
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446041.00
Code OB Desc:		North83:	5028897.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	17-Jan-2012 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: 1004248312
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.440000057220459
Formation End Depth: 6.710000038146973
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1004248310
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.6100000143051147

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004248311			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.6100000143051147			
Formation End Depth:		2.440000057220459			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004248321			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		3.34999990463257			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004248322			
Layer:		3			
Plug From:		3.34999990463257			
Plug To:		6.71000003814697			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004248320			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004248319			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004248309			
Casing No:		0			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		1004248315			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3.66000008583069			
Casing Diameter:		4.03000020980835			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004248316			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.66000008583069			
Screen End Depth:		6.71000003814697			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82000017166138			
<u>Water Details</u>					
Water ID:		1004248314			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004248313			
Diameter:		8.25			
Depth From:		0.0			
Depth To:		6.710000038146973			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

57	1 of 7	WSW/217.6	71.8 / 0.94	180 Argyle Avenue Ottawa ON K2P 1B7	EHS
Order No:	20050907008			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Complete Report			Client Prov/State:	ON
Report Date:	9/16/2005			Search Radius (km):	0.25
Date Received:	9/7/2005			X:	-75.689292
Previous Site Name:				Y:	45.411228
Lot/Building Size:					
Additional Info Ordered:					

57	2 of 7	WSW/217.6	71.8 / 0.94	The National Capital Region YMCA-YWCA 180 Argyle Ottawa ON K2P 1B7	SPL
Ref No:	6315-8BAM32			Discharger Report:	
Site No:				Material Group:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
57	4 of 7	WSW/217.6	71.8 / 0.94	YMCA 180 Argyle street ottawa ON K2P 1B7	GEN
Generator No:	ON3516650			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	713990				
SIC Description:	All Other Amusement and Recreation Industries				
Detail(s)					
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
57	5 of 7	WSW/217.6	71.8 / 0.94	YMCA 180 Argyle street ottawa ON K2P 1B7	GEN
Generator No:	ON3516650			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	713990				
SIC Description:	All Other Amusement and Recreation Industries				
Detail(s)					
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
57	6 of 7	WSW/217.6	71.8 / 0.94	YMCA/YWCA 180 ARGYLE ST OTTAWA ON K2P1B7	GEN
Generator No:	ON7565419			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:	145 I				
Waste Class Desc:	Wastes from the use of pigments, coatings and paints				
Waste Class:	263 L				
Waste Class Desc:	Misc. waste organic chemicals				
57	7 of 7	WSW/217.6	71.8 / 0.94	YMCA/YWCA 180 ARGYLE ST OTTAWA ON K2P1B7	GEN
Generator No:	ON7565419			PO Box No:	
Status:	Registered			Country:	Canada

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	As of Jan 2021			Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: Waste Class Desc:	263 L Misc. waste organic chemicals				
Waste Class: Waste Class Desc:	145 I Wastes from the use of pigments, coatings and paints				

<u>58</u>	1 of 1	SSW/223.8	72.0 / 1.12	ON	BORE
Borehole ID:	847466			Inclin FLG:	No
OGF ID:	215589124			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	15-AUG-1961			Municipality:	
Static Water Level:				Lot:	LOT F
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.41053
Total Depth m:	1.5			Longitude DD:	-75.688111
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446155
Drill Method:	Power auger			Northing:	5028787
Orig Ground Elev m:	68.1			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	74.2				
Concession:	BROKEN FRONT C				
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6557638			Mat Consistency:	
Top Depth:	1.2			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Geology Stratum ID:	6557637			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Cinders			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL, SAND WITH SOME GRAVEL A FEW LAYERS AND POCKET OF CINDERS AND A CLAY POCKET **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
59	1 of 1	N/226.2	70.8 / -0.06	157 Mcleod St Ottawa ON K2P0Z6	EHS
Order No:	20161107020			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	08-NOV-16			Search Radius (km):	.25
Date Received:	07-NOV-16			X:	-75.686773
Previous Site Name:				Y:	45.414446
Lot/Building Size:	4,141 square feet				
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				

60	1 of 2	NNW/226.6	70.9 / 0.00	198 Gladstone Avenue, Ottawa ON	PINC
Incident ID:	2675790			Fuel Category:	Natural Gas
Incident No:	519402			Health Impact:	No
Incident Reported Dt:				Environment Impact:	No
Type:	FS-Pipeline Incident			Property Damage:	Yes
Status Code:	Pipeline Damage Reason Est			Service Interupt:	Yes
Customer Acct Name:				Enforce Policy:	No
Incident Address:				Public Relation:	No
Tank Status:	RC Established			Pipeline System:	
Task No:	3202319			Depth:	32
Spills Action Centre:				Pipe Material:	Plastic
Fuel Type:	Natural Gas			PSIG:	40
Fuel Occurrence Tp:	Pipeline Strike			Attribute Category:	FS-Perform P-line Inc Invest
Date of Occurrence:	11/29/2010 0:00			Regulator Location:	Outside
Occurrence Start Dt:	2011/04/15			Method Details:	E-mail
Operation Type:	Construction Site (pipeline strike)				
Pipeline Type:	Service / Riser Distribution Pipeline				
Regulator Type:	Service Regulator (up to 60 psi intake)				
Summary:	198 Gladstone Avenue, Ottawa - 1 1/4" Pipeline Hit				
Reported By:	Armstrong, Alan - Enbridge				
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
Occurrence Desc:	gas directly under original concrete sidewalk				
Damage Reason:	Non-Mandated				
Notes:	gas line in concrete				

60	2 of 2	NNW/226.6	70.9 / 0.00	PIPELINE HIT 1 1/4" 198 GLADSTONE AVE,,OTTAWA,ON,K2P 0Y6,CA ON	PINC
Incident ID:				Fuel Category:	
Incident No:	1298700			Health Impact:	
Incident Reported Dt:	12/9/2013			Environment Impact:	
Type:	FS-Pipeline Incident			Property Damage:	
Status Code:				Service Interupt:	
Customer Acct Name:	PIPELINE HIT 1 1/4"			Enforce Policy:	
Incident Address:	198 GLADSTONE AVE,,OTTAWA,ON,K2P 0Y6,CA			Public Relation:	
Tank Status:	Non Mandated			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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Summary:
 Reported By:
 Affiliation:
 Occurrence Desc:
 Damage Reason:
 Notes:

61	1 of 1	SE/227.1	64.8 / -6.05	64 ISABELLA ST. Ottawa ON WWIS
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Well ID:	7142129	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Monitoring and Test Hole	Date Received:	3/24/2010
Sec. Water Use:	0	Selected Flag:	True
Final Well Status:	Monitoring and Test Hole	Abandonment Rec:	
Water Type:		Contractor:	7241
Casing Material:		Form Version:	7
Audit No:	Z100124	Owner:	
Tag:	A091018	Street Name:	64 ISABELLA 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): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/714\7142129.pdf

Additional Detail(s) (Map)

Well Completed Date: 2010/02/24
Year Completed: 2010
Depth (m): 4.88
Latitude: 45.4109983557591
Longitude: -75.6850754869808
Path: 714\7142129.pdf

Bore Hole Information

Bore Hole ID:	1002952991	Elevation:	65.638595
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446393.00
Code OB Desc:		North83:	5028837.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	24-Feb-2010 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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		1003158205			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		3.0999999046325684			
Formation End Depth:		4.880000114440918			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003158204			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		1.8300000429153442			
Formation End Depth:		3.0999999046325684			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003158203			
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:		1.8300000429153442			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003158208			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		1.5			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1003158207			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003158209			
Layer:		3			
Plug From:		1.5			
Plug To:		4.88000011444092			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003158215			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003158202			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003158211			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.83000004291534			
Casing Diameter:		3.45000004768372			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003158212			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.83000004291534			
Screen End Depth:		4.88000011444092			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.21000003814697			
<u>Water Details</u>					
Water ID:		1003158210			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:	1003158206				
Diameter:	8.25				
Depth From:	0.0				
Depth To:	4.880000114440918				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				

<u>62</u>	1 of 1	SW/227.4	71.9 / 1.00	ON	BORE
Borehole ID:	847454			Inclin FLG:	No
OGF ID:	215589112			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	07-JUL-1961			Municipality:	
Static Water Level:				Lot:	LOT F
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.410591
Total Depth m:	1.4			Longitude DD:	-75.688432
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446130
Drill Method:	Hand auger			Northing:	5028794
Orig Ground Elev m:	68.3			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	73.9				
Concession:	BROKEN FRONT C				
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6557593			Mat Consistency:	
Top Depth:	.5			Material Moisture:	
Bottom Depth:	.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Topsoil			Geologic Period:	
Material 4:	organic material			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL (MOSTLY SAND, FEW TOPSOIL BANDS AND ORGANIC MATERIAL) **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557594			Mat Consistency:	
Top Depth:	.9			Material Moisture:	
Bottom Depth:	1.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557592			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.5			Material Texture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Cinders			Depositional Gen:	
Gsc Material Description:					
Stratum Description:		FILL SAND GRAVEL AND CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.			
63	1 of 14	ENE/227.4	70.5 / -0.41	LEVINSON-VINER IN TRUST 150 QUEEN ELIZABETH DRIVEWAY OTTAWA ON K2P 1E7	GEN
Generator No:	ON2384100			PO Box No:	
Status:				Country:	
Approval Years:	98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9999				
SIC Description:	OTHER SERVICES				
Detail(s)					
Waste Class:	222				
Waste Class Desc:	HEAVY FUELS				
63	2 of 14	ENE/227.4	70.5 / -0.41	CLV Group 150 Queen Elizabeth Driveway Ottawa ON K2P 1E7	GEN
Generator No:	ON4888743			PO Box No:	
Status:				Country:	
Approval Years:	07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	531111				
SIC Description:	Lessors of Residential Buildings and Dwellings (except Social Housing Projects)				
Detail(s)					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
63	3 of 14	ENE/227.4	70.5 / -0.41	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	GEN
Generator No:	ON8478145			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	531310				
SIC Description:	Real Estate Property Managers				
Detail(s)					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
63	4 of 14	ENE/227.4	70.5 / -0.41	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	GEN
Generator No:	ON8478145			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	531310				
SIC Description:	Real Estate Property Managers				
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
63	5 of 14	ENE/227.4	70.5 / -0.41	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	GEN
Generator No:	ON8478145			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	531310				
SIC Description:	Real Estate Property Managers				
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
63	6 of 14	ENE/227.4	70.5 / -0.41	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON K2P 1E7	GEN
Generator No:	ON8478145			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	531310				
SIC Description:	Real Estate Property Managers				
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
63	7 of 14	ENE/227.4	70.5 / -0.41	Paramount Properties 150 Queen Elizabeth Drive Ottawa ON	GEN
Generator No:	ON8754232			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	531111				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS (EXCEPT SOCIAL HOUSING PROJECTS)			
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
63	8 of 14	ENE/227.4	70.5 / -0.41	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON	GEN
Generator No:		ON8478145		PO Box No:	
Status:				Country:	
Approval Years:		2013		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		531310			
SIC Description:		REAL ESTATE PROPERTY MANAGERS			
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
63	9 of 14	ENE/227.4	70.5 / -0.41	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	GEN
Generator No:		ON8478145		PO Box No:	
Status:				Country: Canada	
Approval Years:		2015		Choice of Contact: CO_ADMIN	
Contam. Facility:		No		Co Admin: Heather Rae	
MHSW Facility:		No		Phone No Admin: 613-233-1222 Ext.	
SIC Code:		531310			
SIC Description:		REAL ESTATE PROPERTY MANAGERS			
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
63	10 of 14	ENE/227.4	70.5 / -0.41	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	GEN
Generator No:		ON8478145		PO Box No:	
Status:				Country: Canada	
Approval Years:		2016		Choice of Contact: CO_ADMIN	
Contam. Facility:		No		Co Admin: Heather Rae	
MHSW Facility:		No		Phone No Admin: 613-233-1222 Ext.	
SIC Code:		531310			
SIC Description:		REAL ESTATE PROPERTY MANAGERS			
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
63	11 of 14	ENE/227.4	70.5 / -0.41	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	GEN
Generator No:	ON8478145			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	531310				
SIC Description:	REAL ESTATE PROPERTY MANAGERS				
Detail(s)					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
63	12 of 14	ENE/227.4	70.5 / -0.41	Paramount Properties 150 Queen Elizabeth Drive Ottawa ON K2P 1E7	GEN
Generator No:	ON8754232			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	531111				
SIC Description:	LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS (EXCEPT SOCIAL HOUSING PROJECTS)				
Detail(s)					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
63	13 of 14	ENE/227.4	70.5 / -0.41	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	GEN
Generator No:	ON8478145			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			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)				
63	14 of 14	ENE/227.4	70.5 / -0.41	Paramount Property Management 150 Queen Elizabeth Dr. Ottawa ON K1B 5M1	GEN
Generator No:	ON8478145			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:					
Detail(s)					
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
64	1 of 1	N/227.4	70.8 / -0.06	157 Mcleod St Ottawa On Ottawa ON K2P0Z6	EHS
Order No:	20170124135		Nearest Intersection:		
Status:	C		Municipality: Ottawa		
Report Type:	RSC Report (Urban)		Client Prov/State: ON		
Report Date:	31-JAN-17		Search Radius (km): .3		
Date Received:	24-JAN-17		X: -75.686755		
Previous Site Name:			Y: 45.414456		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos				
65	1 of 3	N/234.8	70.9 / -0.01	388 Elgin St Ottawa ON K2P 1N3	EHS
Order No:	20200806029		Nearest Intersection:		
Status:	C		Municipality:		
Report Type:	Standard Report		Client Prov/State: ON		
Report Date:	11-AUG-20		Search Radius (km): .25		
Date Received:	06-AUG-20		X: -75.6874869		
Previous Site Name:			Y: 45.4145275		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
65	2 of 3	N/234.8	70.9 / -0.01	388 Elgin St Ottawa ON K2P 1N3	EHS
Order No:	20200806029		Nearest Intersection:		
Status:	C		Municipality:		
Report Type:	Standard Report		Client Prov/State: ON		
Report Date:	11-AUG-20		Search Radius (km): .25		
Date Received:	06-AUG-20		X: -75.6874869		
Previous Site Name:			Y: 45.4145275		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
65	3 of 3	N/234.8	70.9 / -0.01	388 Elgin St Ottawa ON K2P 1N3	EHS
Order No:	20200806029		Nearest Intersection:		
Status:	C		Municipality:		
Report Type:	Standard Report		Client Prov/State: ON		
Report Date:	11-AUG-20		Search Radius (km): .25		
Date Received:	06-AUG-20		X: -75.6874869		
Previous Site Name:			Y: 45.4145275		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
66	1 of 1	W/236.3	71.9 / 1.00	1101600 Ontario Inc 269 / 275 Mcleod St	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ottawa ON					
Certificate #:		9205-7EZKBK			
Application Year:		2008			
Issue Date:		5/27/2008			
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:					

<u>67</u>	1 of 1	E/237.3	64.5 / -6.39	ON	BORE
Borehole ID:	847436			Inclin FLG:	No
OGF ID:	215589094			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	09-FEB-1961			Municipality:	
Static Water Level:				Lot:	LOT F
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.412039
Total Depth m:	17.3			Longitude DD:	-75.684168
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446465
Drill Method:	Diamond Drill			Northing:	5028952
Orig Ground Elev m:	64.4			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	72.9				
Concession:		BROKEN FRONT C			
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6557513			Mat Consistency:	Loose
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		LOOSE BROWN FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.			

Geology Stratum ID:	6557514			Mat Consistency:	Stiff
Top Depth:	1.5			Material Moisture:	
Bottom Depth:	6.9			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Fine Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum Description:		STIFF GREY CLAY SOME SILT TRACE FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557515			Mat Consistency:	Stiff
Top Depth:	6.9			Material Moisture:	
Bottom Depth:	17.3			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Fine Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:		STIFF GREY SILTY CLAY SOME FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.			

68	1 of 1	S/238.7	69.8 / -1.07	480 Metcalfe Street And 100 Isabella Street Ottawa ON	EHS
Order No:	20150901005			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	04-SEP-15			Search Radius (km):	.25
Date Received:	01-SEP-15			X:	-75.68736
Previous Site Name:				Y:	45.410284
Lot/Building Size:					
Additional Info Ordered:					

69	1 of 15	SSE/239.4	66.9 / -3.99	LOBLAWS LIMITED C.O.B. AS "LOBLAWS" STORE #095-3 64 ISABELLA STREET OTTAWA ON K1S 1V4	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Vendor			Oper Area Code:	
Licence Type:				Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					

69	2 of 15	SSE/239.4	66.9 / -3.99	LOBLAWS INC. STORE #1095 64 ISABELLA ST OTTAWA ON K1S1V4	PES
Detail Licence No:				Operator Box:	
Licence No:	08606			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	613
Licence Type:	Limited Vendor			Oper Phone No:	2324128
Licence Type Code:	23			Operator Ext:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Licence Class:	01			Operator Lot:	
Licence Control:	0			Oper Concession:	
Latitude:				Operator Region:	4
Longitude:				Operator District:	
Lot:				Operator County:	15
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					

69	3 of 15	SSE/239.4	66.9 / -3.99	LOBLAWS SUPERMARKETS LTD. #1095 64 ISABELLA ST OTTAWA ON K1S 1V4	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	Limited Vendor			Oper Phone No:	
Licence Type Code:	23			Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					

69	4 of 15	SSE/239.4	66.9 / -3.99	64 Isabella Street Ottawa ON K1S 1V4	EHS
Order No:	20090323034			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	4/1/2009			Search Radius (km):	0.25
Date Received:	3/23/2009			X:	-75.685681
Previous Site Name:				Y:	45.410919
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				

69	5 of 15	SSE/239.4	66.9 / -3.99	LOBLAWS SUPERMARKETS LTD. #1095 64 ISABELLA ST OTTAWA ON K1S 1V4	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	Vendor			Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:				Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	
69	6 of 15	SSE/239.4	66.9 / -3.99	Loblaw Properties Limited 64 Isabella St Ottawa ON L6Y 5S5	ECA
Approval No: 6562-99VJBQ Approval Date: 2013-07-30 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Loblaw Properties Limited Address: 64 Isabella St Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4792-96UPPW-14.pdf		MOE District: Ottawa City: Longitude: -75.686066 Latitude: 45.410522 Geometry X: Geometry Y:			
69	7 of 15	SSE/239.4	66.9 / -3.99	LOBLAWS SUPERMARKETS LTD. 64 ISABELLA STREET OTTAWA ON	GEN
Generator No: ON2922783 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 445110 SIC Description: Supermarkets and Other Grocery (except Convenience) Stores		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
69	8 of 15	SSE/239.4	66.9 / -3.99	Loblaw #1095 64 Isabella St. Ottawa ON K1S 1V4	GEN
Generator No: ON5506049 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 445110 SIC Description: SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES		PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:			
Detail(s)					
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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[69](#) 9 of 15 SSE/239.4 66.9 / -3.99 **Loblaw #1095
64 Isabella St.
Ottawa ON K1S 1V4** **GEN**

Generator No:	ON5506049	PO Box No:	
Status:		Country:	Canada
Approval Years:	2016	Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No	Co Admin:	
MHSW Facility:	No	Phone No Admin:	
SIC Code:	445110		
SIC Description:	SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES		

Detail(s)

Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	242
Waste Class Desc:	HALOGENATED PESTICIDES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	262
Waste Class Desc:	DETERGENTS/SOAPS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	269
Waste Class Desc:	NON-HALOGENATED PESTICIDES

[69](#) 10 of 15 SSE/239.4 66.9 / -3.99 **Loblaw #1095
64 Isabella St.
Ottawa ON K1S 1V4** **GEN**

Generator No:	ON5506049	PO Box No:	
Status:		Country:	Canada

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years:	2014			Choice of Contact: CO_OFFICIAL	
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	445110				
SIC Description:		SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES			
Detail(s)					
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			

69	11 of 15	SSE/239.4	66.9 / -3.99	Loblaws #1095 64 Isabella St. Ottawa ON K1S 1V4	GEN
Generator No:	ON5506049			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		145 I			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		145 L			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		146 T			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		148 A			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 I			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		242 L			
Waste Class Desc:		Halogenated pesticides and herbicides			
Waste Class:		242 T			
Waste Class Desc:		Halogenated pesticides and herbicides			

<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>
Waste Class: Waste Class Desc:		252 L Waste crankcase oils and lubricants			
Waste Class: Waste Class Desc:		261 A Pharmaceuticals			
Waste Class: Waste Class Desc:		261 B Pharmaceuticals			
Waste Class: Waste Class Desc:		261 I Pharmaceuticals			
Waste Class: Waste Class Desc:		261 L Pharmaceuticals			
Waste Class: Waste Class Desc:		262 C Detergents and soaps			
Waste Class: Waste Class Desc:		262 L Detergents and soaps			
Waste Class: Waste Class Desc:		263 A Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		263 C Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		263 L Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		269 L Organic non-halogenated pesticide and herbicide wastes			
Waste Class: Waste Class Desc:		269 T Organic non-halogenated pesticide and herbicide wastes			
Waste Class: Waste Class Desc:		312 P Pathological wastes			
Waste Class: Waste Class Desc:		331 I Waste compressed gases including cylinders			
Waste Class: Waste Class Desc:		331 L Waste compressed gases including cylinders			

[69](#) 12 of 15 **SSE/239.4** **66.9 / -3.99** **LOBLAWS INC. STORE #1095**
64 ISABELLA ST
OTTAWA ON K1S1V4 **PES**

Detail Licence No:		Operator Box:	
Licence No:	08606	Operator Class:	
Status:		Operator No:	
Approval Date:		Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)	Oper Area Code:	613
Licence Type:	Retail Vendor Class 03	Oper Phone No:	2324128
Licence Type Code:	21	Operator Ext:	
Licence Class:	03	Operator Lot:	
Licence Control:		Oper Concession:	
Latitude:		Operator Region:	
Longitude:		Operator District:	
Lot:		Operator County:	
Concession:		Op Municipality:	
Region:		Post Office Box:	
District:		MOE District:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
County: Trade Name: PDF Link:				SWP Area Name:	

69	13 of 15	SSE/239.4	66.9 / -3.99	Loblaws #1095 64 Isabella St. Ottawa ON K1S 1V4	GEN
Generator No:	ON5506049	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:	148 A
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	242 L
Waste Class Desc:	Halogenated pesticides and herbicides
Waste Class:	269 T
Waste Class Desc:	Organic non-halogenated pesticide and herbicide wastes
Waste Class:	262 L
Waste Class Desc:	Detergents and soaps
Waste Class:	263 C
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	312 P
Waste Class Desc:	Pathological wastes
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	261 L
Waste Class Desc:	Pharmaceuticals
Waste Class:	146 T
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	261 B
Waste Class Desc:	Pharmaceuticals
Waste Class:	261 I
Waste Class Desc:	Pharmaceuticals
Waste Class:	148 I
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	212 L
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	145 L
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	212 I
Waste Class Desc:	Aliphatic solvents and residues

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		269 L			
Waste Class Desc:		Organic non-halogenated pesticide and herbicide wastes			
Waste Class:		263 A			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		145 I			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		262 C			
Waste Class Desc:		Detergents and soaps			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		242 T			
Waste Class Desc:		Halogenated pesticides and herbicides			

[69](#) 14 of 15 **SSE/239.4** **66.9 / -3.99** **Choice Properties**
22-64 Isabella Street
OTTAWA ON K1S1V4 **GEN**

Generator No:	ON3388914	PO Box No:	
Status:	Registered	Country:	Canada
Approval Years:	As of Oct 2019	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)

[69](#) 15 of 15 **SSE/239.4** **66.9 / -3.99** **Loblaw #1095**
64 Isabella St.
Ottawa ON K1S 1V4 **GEN**

Generator No:	ON5506049	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)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		145 I			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		146 T			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		145 L			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		261 B			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		262 C			
Waste Class Desc:		Detergents and soaps			
Waste Class:		148 I			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		262 L			
Waste Class Desc:		Detergents and soaps			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		269 T			
Waste Class Desc:		Organic non-halogenated pesticide and herbicide wastes			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		148 A			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		263 A			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		269 L			
Waste Class Desc:		Organic non-halogenated pesticide and herbicide wastes			
Waste Class:		242 L			
Waste Class Desc:		Halogenated pesticides and herbicides			
Waste Class:		261 I			
Waste Class Desc:		Pharmaceuticals			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		261 L			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		242 T			
Waste Class Desc:		Halogenated pesticides and herbicides			
Waste Class:		263 C			
Waste Class Desc:		Misc. waste organic chemicals			

70	1 of 1	NW/239.5	71.9 / 1.00	GLADSTONE AVE OTTAWA ON	WWIS
Well ID:	7210736			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	11/12/2013
Sec. Water Use:				Selected Flag:	True
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	1119
Casing Material:				Form Version:	7
Audit No:	Z155032			Owner:	
Tag:				Street Name:	GLADSTONE 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): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7210736.pdf

Additional Detail(s) (Map)

Well Completed Date: 2013/09/25
Year Completed: 2013
Depth (m):
Latitude: 45.4143439193202
Longitude: -75.688553853357
Path: 721\7210736.pdf

Bore Hole Information

Bore Hole ID:	1004625556	Elevation:	70.818397
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446124.00
Code OB Desc:		North83:	5029211.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	25-Sep-2013 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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1004875076			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		14			
<i>Plug Depth UOM:</i>		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1004875077			
<i>Layer:</i>		1			
<i>Plug From:</i>		14			
<i>Plug To:</i>		2			
<i>Plug Depth UOM:</i>		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1004875078			
<i>Layer:</i>		2			
<i>Plug From:</i>		2			
<i>Plug To:</i>		0			
<i>Plug Depth UOM:</i>		ft			
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		1004875075			
<i>Method Construction Code:</i>					
<i>Method Construction:</i>					
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		1004875069			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1004875073			
<i>Layer:</i>					
<i>Material:</i>					
<i>Open Hole or Material:</i>					
<i>Depth From:</i>					
<i>Depth To:</i>					
<i>Casing Diameter:</i>					
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1004875074			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer: Slot: Screen Top Depth: Screen End Depth: Screen Material: Screen Depth UOM: ft Screen Diameter UOM: inch Screen Diameter:					
<u>Water Details</u>					
Water ID: 1004875072 Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: ft					
<u>Hole Diameter</u>					
Hole ID: 1004875071 Diameter: Depth From: Depth To: Hole Depth UOM: ft Hole Diameter UOM: inch					
71	1 of 1	ESE/239.9	64.3 / -6.61	GOLDER ASSOCIATES 5 Pretoria Avenue Ottawa ON	GEN
Generator No: ON3452647 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 236210 SIC Description: Industrial Building and Structure Construction PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
72	1 of 1	SE/239.9	66.9 / -4.02	64 ISABELLA OTTAWA ON	WWIS
Well ID: 7122747 Construction Date: Primary Water Use: Monitoring Sec. Water Use: Final Well Status: 0 Water Type: Casing Material: Audit No: Z88886 Tag: A081085 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: 5/7/2009 Selected Flag: True Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 64 ISABELLA County: OTTAWA Municipality: OTTAWA CITY 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
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122747.pdf			

Additional Detail(s) (Map)

Well Completed Date: 2009/04/08
Year Completed: 2009
Depth (m): 5.4864
Latitude: 45.4105722591103
Longitude: -75.6855815155887
Path: 712\7122747.pdf

Bore Hole Information

Bore Hole ID:	1002422203	Elevation:	65.618583
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446353.00
Code OB Desc:		North83:	5028790.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	08-Apr-2009 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 1002550017
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2:
Mat2 Desc:
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1002550018
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 5.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002550020			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002550022			
Layer:		3			
Plug From:		7			
Plug To:		18			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002550021			
Layer:		2			
Plug From:		1			
Plug To:		7			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002550027			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002550016			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002550024			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		8			
Casing Diameter:		1			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1002550025			
Layer:		1			
Slot:		10			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Top Depth:	8				
Screen End Depth:	18				
Screen Material:	5				
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	1.25				
<u>Water Details</u>					
Water ID:	1002550023				
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:	ft				
<u>Hole Diameter</u>					
Hole ID:	1002550019				
Diameter:	5.710000038146973				
Depth From:	0.0				
Depth To:	18.0				
Hole Depth UOM:	ft				
Hole Diameter UOM:	cm				
73	1 of 1	S/240.9	69.6 / -1.27	SYMPHONY SENIOR LIVING 480 METCALFE ST., OTTAWA, ON, K1S 3N6, CA ON	INC
Incident No:	2032834			Any Health Impact:	
Incident ID:				Any Enviro Impact:	
Instance No:	64754691			Service Interrupted:	
Status Code:				Was Prop Damaged:	
Attribute Category:	FS-Incident			Reside App. Type:	
Context:	NULL			Commer App. Type:	
Date of Occurrence:	3/1/2017			Indus App. Type:	
Time of Occurrence:				Institut App. Type:	
Incident Created On:	3/1/2017			Venting Type:	
Instance Creation Dt:	3/1/2017 8:38:57 AM			Vent Conn Mater:	
Instance Install Dt:	3/1/2017 8:38:57 AM			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:	480 METCALFE ST., OTTAWA, ON, K1S 3N6, CA				
Occurrence Narrative:					
Operation Type Involved:					
Item:	FS NON LICENSED FACILITY				
Item Description:	FS Non Licensed Facility				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Device Installed Location:		480 METCALFE ST OTTAWA K1S 3N6 ON CA			
74	1 of 1	W/241.9	71.9 / 1.00	269 McLeod Street Ottawa ON K2P 1A1	EHS
Order No:	21012500014			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	28-JAN-21			Search Radius (km):	.25
Date Received:	25-JAN-21			X:	-75.690163
Previous Site Name:				Y:	45.412915
Lot/Building Size:					
Additional Info Ordered:					

75	1 of 1	E/242.1	61.6 / -9.25	ON	BORE
Borehole ID:	847432			Inclin FLG:	No
OGF ID:	215589090			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	02-FEB-1961			Municipality:	
Static Water Level:				Lot:	LOT F
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.411886
Total Depth m:	36.6			Longitude DD:	-75.684153
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446466
Drill Method:	Diamond Drill			Northing:	5028935
Orig Ground Elev m:	64.1			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	72				
Concession:	BROKEN FRONT C				
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6557494	Mat Consistency:	Stiff
Top Depth:	0	Material Moisture:	
Bottom Depth:	7.5	Material Texture:	
Material Color:	Grey-Brown	Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:	Silt	Geologic Group:	
Material 3:	Fine Sand	Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	STIFF GREY TO GREY-BROWN CLAY, SILTY FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557498	Mat Consistency:	
Top Depth:	32.8	Material Moisture:	
Bottom Depth:	36.6	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Bedrock	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum Description:		BEDROCK **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557497			Mat Consistency:	
Top Depth:	31.5			Material Moisture:	
Bottom Depth:	32.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SANDY TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557495			Mat Consistency:	Stiff
Top Depth:	7.5			Material Moisture:	
Bottom Depth:	16.8			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Fine Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		STIFF GREY SILTY CLAY SOME FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6557496			Mat Consistency:	Compact
Top Depth:	16.8			Material Moisture:	
Bottom Depth:	31.5			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Fine Sand			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		COMPACT GREY SILT SOME FINE SAND TRACE OF CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.			

76 1 of 1 **SE/245.2** **65.1 / -5.80** **ON** **BORE**

Borehole ID:	613213	Inclin FLG:	No
OGF ID:	215514516	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:		Municipality:	
Static Water Level:		Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.410684
Total Depth m:	-999	Longitude DD:	-75.685229
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	446381
Drill Method:		Northing:	5028802
Orig Ground Elev m:	66.4	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	65.6		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218394162	Mat Consistency:	Stiff
----------------------------	-----------	-------------------------	-------

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Top Depth:	1.2			Material Moisture:	
Bottom Depth:	4.6			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY. GREY,STIFF.			
Geology Stratum ID:	218394164			Mat Consistency:	Loose
Top Depth:	17.1			Material Moisture:	
Bottom Depth:	20.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SILT. LOOSE.			
Geology Stratum ID:	218394161			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	fill
Gsc Material Description:					
Stratum Description:		FILL.			
Geology Stratum ID:	218394165			Mat Consistency:	Firm
Top Depth:	20.1			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SILT. FIRM,GRADED. . CLAY. BROWN,GREY,VERY SOFT,FISSURED.CLAY. BROWN,GREY,STIFF. CLAY. GR			
		**Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	218394163			Mat Consistency:	Stiff
Top Depth:	4.6			Material Moisture:	
Bottom Depth:	17.1			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY. GREY,STIFF.			
Source					
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:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 057210 NTS_Sheet: 31G05G				
Confiden 1:	Reliable information but incomplete.				

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

77	1 of 1	SSW/246.5	72.0 / 1.12	ON	BORE
Borehole ID:	847455			Inclin FLG:	No
OGF ID:	215589113			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	07-JUL-1961			Municipality:	
Static Water Level:				Lot:	LOT F
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.410349
Total Depth m:	1.5			Longitude DD:	-75.68825
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446144
Drill Method:	Hand auger			Northing:	5028767
Orig Ground Elev m:	67.3			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	72.8				
Concession:	BROKEN FRONT C				
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6557598			Mat Consistency:	
Top Depth:	1			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	organic material			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ORGANIC MATERIAL AND SILTY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557595			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Cinders			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL GRAVEL, SAND, CINDERS, RUBBISH **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557596			Mat Consistency:	
Top Depth:	.5			Material Moisture:	
Bottom Depth:	.9			Material Texture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL, GRAVELLY SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6557597			Mat Consistency:	
Top Depth:	.9			Material Moisture:	
Bottom Depth:	1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Cinders			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.				

78	1 of 1	W/248.4	71.9 / 1.00	269 Mcleod St Ottawa ON K2P1A1	EHS
Order No:	20151020017			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	23-OCT-15			Search Radius (km):	.25
Date Received:	20-OCT-15			X:	-75.690224
Previous Site Name:				Y:	45.412985
Lot/Building Size:					
Additional Info Ordered:					

79	1 of 3	S/248.9	70.2 / -0.69	FRONTIER, DIV. OF WESTBURNE INDUSTRIAL ENTERPRISES LTD. 92 ISABELLA STREET OTTAWA ON K1S 1V5	GEN
Generator No:	ONC000509			PO Box No:	
Status:				Country:	
Approval Years:	90			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	5622				
SIC Description:	PLUMBING, ETC., WH.				
Detail(s)					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				

79	2 of 3	S/248.9	70.2 / -0.69	FRONTIER, (OUT OF BUS) 48-024 92 ISABELLA STREET OTTAWA ON K1S 1V5	GEN
Generator No:	ONC000509			PO Box No:	
Status:				Country:	
Approval Years:	92,93,95,96,97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code:	5622				
SIC Description:		PLUMBING, ETC., WH.			
Detail(s)					
Waste Class:	241				
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:	252				
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:	331				
Waste Class Desc:		WASTE COMPRESSED GASES			
79	3 of 3	S/248.9	70.2 / -0.69	FRONTIER, DIV. OF WESTBURNE 48-024 92 ISABELLA STREET OTTAWA ON K1S 1V5	GEN
Generator No:	ONC000509			PO Box No:	
Status:				Country:	
Approval Years:	94			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	5622				
SIC Description:		PLUMBING, ETC., WH.			
Detail(s)					
Waste Class:	241				
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:	252				
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:	331				
Waste Class Desc:		WASTE COMPRESSED GASES			
80	1 of 2	S/248.9	69.6 / -1.27	480 Metcalfe Street Ottawa ON K1S 3N6	EHS
Order No:	20060605009			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Complete Report			Client Prov/State:	ON
Report Date:	6/13/2006			Search Radius (km):	0.25
Date Received:	6/5/2006			X:	-75.68683
Previous Site Name:				Y:	45.410445
Lot/Building Size:					
Additional Info Ordered:					
80	2 of 2	S/248.9	69.6 / -1.27	480 Metcalfe Street Ottawa ON K1S 3N6	EHS
Order No:	20120410004			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	4/16/2012 10:22:13 AM			Search Radius (km):	0.25
Date Received:	4/10/2012 10:19:43 AM			X:	-75.686817
Previous Site Name:				Y:	45.4102
Lot/Building Size:					
Additional Info Ordered:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
81	1 of 1	NNW/249.4	72.0 / 1.08	MTS ALLSTREAM INC 380 ELGIN ST., OTTAWA, ON, K2P 1M6, CA ON	PINC
Incident ID: Incident No: 1266210 Incident Reported Dt: 10/21/2013 Type: FS-Pipeline Incident Status Code: Customer Acct Name: MTS ALLSTREAM INC Incident Address: 380 ELGIN ST., OTTAWA, ON, K2P 1M6, CA Tank Status: Pipeline Damage Reason Est Task No: 4687170 Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: 2013/10/21 Operation Type: Pipeline Type: Regulator Type: Summary: 380 ELGIN ST., OTTAWA - PIPELINE HIT 1/2" Reported By: ryan.noble@enbridge.com Affiliation: Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes:		Fuel Category: Natural Gas Health Impact: Environment Impact: Property Damage: Yes Service Interrupt: Enforce Policy: Yes Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regulator Location: Method Details: E-mail			
82	1 of 1	W/249.5	71.9 / 1.00	1101600 Ontario Inc 269 / 275 Mcleod St Ottawa ON K2P 2K7	ECA
Approval No: 9205-7EZKBK Approval Date: 2008-05-27 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: 1101600 Ontario Inc Address: 269 / 275 Mcleod St Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0196-7ABPKE-14.pdf		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:			
83	1 of 1	N/249.5	70.8 / -0.06	HYDRO OTTAWA LIMITED 182 GLADSTONE OTTAWA ON K2P 0Y3	GEN
Generator No: ON7528053 Status: Approval Years: 05 Contam. Facility: MHSW Facility: SIC Code: 221122 SIC Description: Electric Power Distribution		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
Detail(s)					
Waste Class:		243			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PCB'S			
84	1 of 2	SSE/249.5	68.2 / -2.73	OTTAWA CITY - STRATHCONA AVE. METCALFE ST./PRETORIA AVE. OTTAWA CITY ON	CA
Certificate #:	3-0449-92-				
Application Year:	92				
Issue Date:	5/5/1992				
Approval Type:	Municipal sewage				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
84	2 of 2	SSE/249.5	68.2 / -2.73	R.M. OF OTTAWA-CARLETON - STRATHCONA AVE METCALFE ST./PRETORIA AVE. OTTAWA CITY ON	CA
Certificate #:	7-0384-92-				
Application Year:	92				
Issue Date:	5/5/1992				
Approval Type:	Municipal water				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
85	1 of 4	SSW/249.6	70.8 / -0.05	The Palisades Club Inc. 100 ISABELLA ST, OTTAWA, ON, K1S 1V5 Ottawa ON K1S 1V5	RSC
RSC ID:	1916		Cert Date:	31-Oct-05	
RA No:			Cert Prop Use No:	No CPU	
RSC Type:			Intended Prop Use:	Residential	
Curr Property Use:	Residential		Qual Person Name:	Mr. Gary Maister	
Ministry District:	OTTAWA		Stratified (Y/N):		
Filing Date:	22-Nov-05		Audit (Y/N):		
Date Ack:			Entire Leg Prop. (Y/N):	Yes	
Date Returned:			Accuracy Estimate:	0 to 1 meters	
Restoration Type:			Telephone:	416-9151839	
Soil Type:			Fax:	905-2483061	
Criteria:			Email:	gary@rosecorp.com	
CPU Issued Sect 1686:	No				
Asmt Roll No:	0614052-301				
Prop ID No (PIN):	04123-0126LT (created Dec. 23/04 as division from 04123-0085), 04123-0084LT, 04123-0083LT, 04123-0082LT				
Property Municipal Address:	100 ISABELLA ST, OTTAWA, ON, K1S 1V5				
Mailing Address:	Suite 12, 156 DUNCAN MILL RD, TORONTO, ON, M3B 3N2				
Latitude & Longitude:	45.41002850N 75.68768350W (converted from UTM)				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
UTM Coordinates:		NAD83 18-446188-5028731			
Consultant:					
Legal Desc:		Lots 33 to 38 (Both Inclusive) Registered Plan 35403 City of Ottawa			
Measurement Method:		Global Positioning System			
Applicable Standards:		Full Depth Site Conditions Standard, with Nonpotable Ground Water, Medium/Fine Textured Soil, for Residential/Parkland/Institutional property use			
RSC PDF:					
85	2 of 4	SSW/249.6	70.8 / -0.05	100 Isabella St Ottawa ON K1S 1V5	SPL
Ref No:	4083-85K4UM			Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:	13			Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL			Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	5/17/2010			Site Map Datum:	
Dt Document Closed:	6/10/2010			SAC Action Class:	Land Spills
Incident Reason:				Source Type:	
Site Name:	Roadway<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Diesel to road, CB from crane, cleaned				
Contaminant Qty:					
85	3 of 4	SSW/249.6	70.8 / -0.05	The Palisades Club Inc. 100 Isabella Street Ottawa ON	CA
Certificate #:	4569-6ERK3T				
Application Year:	2005				
Issue Date:	7/29/2005				
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:					
85	4 of 4	SSW/249.6	70.8 / -0.05	The Palisades Club Inc. 100 Isabella St Ottawa ON M3B 3N2	ECA
Approval No:	4569-6ERK3T			MOE District:	
Approval Date:	2005-07-29			City:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: The Palisades Club Inc. Address: 100 Isabella St Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7497-6DBKJZ-14.pdf				Longitude: Latitude: Geometry X: Geometry Y:	

86	1 of 5	ESE/249.7	62.6 / -8.30	City Of Ottawa Hawthron & Elgin City of Ottawa ON K1S 1N1	GEN
Generator No: ON7219892 Status: Approval Years: 2016 Contam. Facility: No MHSW Facility: No SIC Code: 913910 SIC Description: 913910		PO Box No: Country: Canada Choice of Contact: CO_ADMIN Co Admin: Steve Showler Phone No Admin: 613-564-8026 Ext.			
<u>Detail(s)</u>					
Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES					

86	2 of 5	ESE/249.7	62.6 / -8.30	City Of Ottawa Hawthron & Elgin City of Ottawa ON K1S 1N1	GEN
Generator No: ON7219892 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 913910 SIC Description: 913910		PO Box No: Country: Canada Choice of Contact: CO_ADMIN Co Admin: Rick Jadowski Phone No Admin: 613-580-2424 Ext.34228			
<u>Detail(s)</u>					
Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES					

86	3 of 5	ESE/249.7	62.6 / -8.30	City Of Ottawa Hawthron & Elgin City of Ottawa ON K1S 1N1	GEN
Generator No: ON7219892 Status: Approval Years: 2014 Contam. Facility: No MHSW Facility: No SIC Code: 913910 SIC Description: 913910		PO Box No: Country: Canada Choice of Contact: CO_ADMIN Co Admin: Rick Jadowski Phone No Admin: 613-580-2424 Ext.34228			
<u>Detail(s)</u>					
Waste Class: 251					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
86	4 of 5	ESE/249.7	62.6 / -8.30	City Of Ottawa Public Works Hawthron & Elgin City of Ottawa ON K1S 1N1	GEN
Generator No:	ON7219892	PO Box No:			
Status:	Registered	Country:	Canada		
Approval Years:	As of Dec 2018	Choice of Contact:			
Contam. Facility:		Co Admin:			
MHSW Facility:		Phone No Admin:			
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
86	5 of 5	ESE/249.7	62.6 / -8.30	City Of Ottawa Public Works Hawthron & Elgin City of Ottawa ON K1S 1N1	GEN
Generator No:	ON7219892	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:					
<u>Detail(s)</u>					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
87	1 of 1	NW/249.8	71.9 / 1.00	215 GLADSTONE AVE, OTTAWA ON	INC
Incident No:	1384840	Any Health Impact:	No		
Incident ID:		Any Enviro Impact:	No		
Instance No:		Service Interrupted:	Yes		
Status Code:		Was Prop Damaged:	No		
Attribute Category:	FS-Perform L1 Incident Insp	Reside App. Type:			
Context:		Commer App. Type:			
Date of Occurrence:	2014/04/30 00:00:00	Indus App. Type:			
Time of Occurrence:	11:05:00	Institut App. Type:			
Incident Created On:		Venting Type:			
Instance Creation Dt:		Vent Conn Mater:			
Instance Install Dt:		Vent Chimney Mater:			
Occur Insp Start Date:	2014/05/08 00:00:00	Pipeline Type:			
Approx Quant Rel:		Pipeline Involved:			
Tank Capacity:		Pipe Material:			
Fuels Occur Type:	CO Release	Depth Ground Cover:			
Fuel Type Involved:	Natural Gas	Regulator Location:			
Enforcement Policy:	NULL	Regulator Type:			
Prc Escalation Req:	NULL	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:	4900777	Equipment Type:			

<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>Notes:</i>				<i>Equipment Model:</i>	
<i>Drainage System:</i>				<i>Serial No:</i>	
<i>Sub Surface Contam.:</i>				<i>Cylinder Capacity:</i>	
<i>Aff Prop Use Water:</i>				<i>Cylinder Cap Units:</i>	
<i>Contam. Migrated:</i>				<i>Cylinder Mat Type:</i>	
<i>Contact Natural Env:</i>				<i>Near Body of Water:</i>	
<i>Incident Location:</i>		215 GLADSTONE AVE, OTTAWA - CO RELEASE			
<i>Occurrence Narrative:</i>		CO Release as a result of inadequate combustion air			
<i>Operation Type Involved:</i>		Multi-unit Residential			
<i>Item:</i>					
<i>Item Description:</i>					
<i>Device Installed Location:</i>					

Unplottable Summary

Total: 77 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	Gladstone Avenue	Ottawa ON	
CA	Enviro-Grind Ltd. operating as Colautti Construction Ltd.	Mobile Jaw Crusher	Ottawa ON	
CA	City of Ottawa	Gladstone Avenue	Ottawa ON	
CA	City of Ottawa	Gladstone Avenue	Ottawa ON	
CA	City of Ottawa	From Gladstone Avenue to the South Dead-End at Highway 417	Ottawa ON	
CA	Drain-All Ltd.	Mobile System	Ottawa ON	
CA	Taggart Construction Limited	Mobile Facility	Ottawa ON	
CA	Urban Capital (Gladstone) Inc.	Adjacent to Bank Street on the east side between McLeod Street and Gladstone Ave	Ottawa ON	
CA	OTTAWA CITY	QUEEN ELIZABETH DRIVEWAY	OTTAWA CITY ON	
CA	OTTAWA CITY	GLADSTONE AVE./BAY ST./BANK ST	OTTAWA CITY ON	
CA	CANLANDS DEVELOPMENT CORP.	METCALFE STREET	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	GLADSTONE AVE./BAY ST./JOHN ST	OTTAWA CITY ON	
CA	OTTAWA CITY, DESIGN & CONSTRUCTION DIV.	FRANK ST./BANK ST./O'CONNOR ST	OTTAWA CITY ON	
CA	OTTAWA CITY	CARTIER ST. COMBINED SEWER	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	LEWIS ST/BANK/METCALFE STS.	OTTAWA CITY ON	
CA	OTTAWA CITY, DESIGN & CONSTRUCTION DIV.	MACLAREN ST./MCLEOD ST. (CSO)	OTTAWA CITY ON	
CA		Argyle Avenue	Ottawa ON	
CA		Gladstone Avenue	Ottawa ON	

CA		Hawthorne Avenue	Ottawa ON	
CA	Nepean Street	Kent to Bank and Metcalfe to Elgin	Ottawa ON	
CA		McLeod Street	Ottawa ON	
CA		Argyle Avenue	Ottawa ON	
CA		Gladstone Avenue	Ottawa ON	
CA		Hawthorne Avenue	Ottawa ON	
CA	IPCF PROPERTIES INC.	PT.LOT 1/CON.1,CARTIER ST.	GLOUCESTER CITY ON	
CA	REG.MUN.OF OTTAWA-CARLETON	QUEENSWAY N.	OTTAWA ON	
CA	Enviro-Grind Ltd. operating as Colautti Construction Ltd.	Mobile Facility	Ottawa ON	
CA	Taggart Construction Limited	Manotick River Crossing and Connection	Ottawa ON	
CONV	DRAIN-ALL LTD.		ON	
CONV	Loblaw Companies Limited		Ottawa ON	
CONV	Colautti Construction Ltd		Ottawa ON	
CONV	Taggart Construction Limited		Ottawa ON	
EBR	Taggart Construction Limited	Mobile Facility Ottawa Ontario Ottawa	ON	
ECA	City of Ottawa	Argyle Avenue, Park Avenue and Queen Elizabeth Drive Ave	Ottawa ON	K2G 6J8
ECA	City of Ottawa	Metcalfe St Patterson Avenue, and Strathcona Avenue	Ottawa ON	K1P 1J1
ECA	The Corporation of the Town of Iroquois Falls	Argyle Ave	Ottawa ON	P0K 1G0
ECA	City of Ottawa	McLeod Street	Ottawa ON	K2G 5K7
ECA	Taggart Construction Limited	Mobile Facility	Ottawa ON	K1V 8Y3
ECA	Drain-All Ltd.	Mobile System	Ottawa ON	K1G 3N2
ECA	The Regional Municipality of Ottawa-Carleton	Argyle Avenue, Park Avenue and Queen Elizabeth Drive	Ottawa ON	K2P 2L7
ECA	Enviro-Grind Ltd. operating as Colautti Construction Ltd.	Mobile Facility	Ottawa ON	K1T 3V7

ECA	The Corporation of the City of Ottawa	Argyle Avenue, Park Avenue and Queen Elizabeth Drive	Ottawa ON	K1N 5A1
EHS		West portion of Slater, Metcalfe, Laurier, O'Connor	Ottawa ON	
EHS		Hwy 417	Ottawa ON	
EHS		Highway 417, CN Rail	Ottawa ON	
GEN	PITTS ENGINEERING CONSTRUCTION	BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417	OTTAWA-CARLETON ON	K1G 3H6
GEN	Airport Golfland	Parkway RR#2 Metcalfe	Ottawa ON	K0A 2P0
GEN	PITTS ENGINEERING CONSTRUCTION 31-354	BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417	OTTAWA-CARLETON ON	K1G 3H6
GEN	PITTS (OUT OF BUS) 31-354	BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417	OTTAWA-CARLETON ON	K1G 3H6
GEN	Airport Golfland Parkway Farm	Parkway RR#2 Metcalfe	Ottawa ON	K0A 2P0
GEN	Airport Golfland	Parkway RR#2 Metcalfe	Ottawa ON	K0A 2P0
GEN	Airport Golfland Parkway Farm	Parkway RR#2 Metcalfe	Ottawa ON	K0A 2P0
GEN	Airport Golfland	Parkway RR#2 Metcalfe	Ottawa ON	K0A 2P0
NPCB	PUBLIC WORKS CANADA	LORNE BUILDING; ELGIN STREET	OTTAWA ON	
NPCB	PUBLIC WORKS CANADA	LORNE BUILDING ELGIN STREET	OTTAWA ON	
SPL	Taggart Construction Limited	Field adjacent to Findlay Creek<UNOFFICIAL>	Ottawa ON	
SPL	Taggart Construction Limited	Closest accessible street is the south end of Kelly Farm Dr.	Ottawa ON	
SPL	Loblaws Company East<UNOFFICIAL>	Queensway, from Greenbank Exit to 1735 Iris Road (Pine Crest Shopping Centre - in front of IKEA)<UNOFFICIAL>	Ottawa ON	
SPL		HWY 417 ONRAMP AT TERRY FOX EXIT<UNOFFICIAL>	Ottawa ON	
SPL	TRANSPORT TRUCK	QUEENSWAY MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	
SPL	TRANSPORT TRUCK	HWY. 417 MOTOR VEHICLE (OPERATING FLUID)	OTTAWA ON	
SPL		QUEENSWAY EASTBOUND AT METCALFE \	OTTAWA CITY ON	

SPL	LOBLAWS		OTTAWA CITY ON
SPL	Taggart Construction Limited	Findlay Creek Subdivision	Ottawa ON
SPL	City of Ottawa	Highway 417	Ottawa ON
SPL	Loblaws Properties Limited	Loblaws	Ottawa ON
SPL		417 EASTBOUND - NICHOLAS ON RAMP<UNOFFICIAL>	Ottawa ON
SPL	CITY OF OTTAWA SNOW PLOW<UNOFFICIAL>	TERRY FOX DRIVE AT THE HWY. 417 OVERPASS<UNOFFICIAL>	Ottawa ON
SPL	UNKNOWN	BLAIR STATION AND QUEENSWAY	OTTAWA CITY ON
SPL	OTTAWA POLICE SERVICE	CORNER OF CATHERINE AND ARGLE ST EAST SIDE BY VISITORS PARKING STORAGE TANK 474 ELGIN STREET	OTTAWA CITY ON
SPL	CONSOLIDATED FREIGHTWAYS	ALONG THE 417 TRANSPORT TRUCK (CARGO)	OTTAWA CITY ON
SPL	Taggart Construction Limited		Ottawa ON
SPL	SNC-Lavalin Constructors (Pacific) Inc., Dragados Canada, Inc.	South of Hwy 417 between Hurman Bridge and Lees Ave	Ottawa ON
SPL		Loblaws	Ottawa ON
SPL	Enbridge Energy Distribution Inc.	McLeod St, between Lyon St and Bay St	Ottawa ON
SPL	City of Ottawa; Drain-All Ltd.		Ottawa ON
WWIS		HWY 417 WEST	Ottawa ON

Unplottable Report

Site: *City of Ottawa*
Gladstone Avenue Ottawa ON

Database:
CA

Certificate #: 3692-6PGP9X
Application Year: 2006
Issue Date: 5/6/2006
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: *Enviro-Grind Ltd. operating as Colautti Construction Ltd.*
Mobile Jaw Crusher Ottawa ON

Database:
CA

Certificate #: 5388-7QPQL2
Application Year: 2009
Issue Date: 4/30/2009
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *City of Ottawa*
Gladstone Avenue Ottawa ON

Database:
CA

Certificate #: 6651-73WP47
Application Year: 2007
Issue Date: 6/6/2007
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*
Gladstone Avenue Ottawa ON

Database:
CA

Certificate #: 7239-738KJA
Application Year: 2007

Issue Date: 6/18/2007
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*
From Gladstone Avenue to the South Dead-End at Highway 417 Ottawa ON

Database:
CA

Certificate #: 8669-7XJPN2
Application Year: 2009
Issue Date: 11/6/2009
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: *Drain-All Ltd.*
Mobile System Ottawa ON

Database:
CA

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

Site: *Taggart Construction Limited*
Mobile Facility Ottawa ON

Database:
CA

Certificate #: 0636-7KEL2F
Application Year: 2008
Issue Date: 11/19/2008
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Urban Capital (Gladstone) Inc.*
Adjacent to Bank Street on the east side between McLeod Street and Gladstone Ave Ottawa ON

Database:
CA

Certificate #: 1501-82LQJG
Application Year: 2010
Issue Date: 3/17/2010
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*
QUEEN ELIZABETH DRIVEWAY OTTAWA CITY ON

Database:
CA

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

Site: *OTTAWA CITY*
GLADSTONE AVE./BAY ST./BANK ST OTTAWA CITY ON

Database:
CA

Certificate #: 3-0019-93-
Application Year: 93
Issue Date: 1/22/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *CANLANDS DEVELOPMENT CORP.*
METCALFE STREET OTTAWA CITY ON

Database:
CA

Certificate #: 7-0765-89-
Application Year: 89
Issue Date: 5/12/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
GLADSTONE AVE./BAY ST./JOHN ST OTTAWA CITY ON

Database:
CA

Certificate #: 7-0018-93-
Application Year: 93
Issue Date: 1/22/1993
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY, DESIGN & CONSTRUCTION DIV.
FRANK ST./BANK ST./O'CONNOR ST OTTAWA CITY ON

Database:
CA

Certificate #: 3-0476-97-
Application Year: 97
Issue Date: 6/26/1997
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
CARTIER ST. COMBINED SEWER OTTAWA CITY ON

Database:
CA

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

Site: R.M. OF OTTAWA-CARLETON
LEWIS ST/BANK/METCALFE STS. OTTAWA CITY ON

Database:
CA

Certificate #: 7-0587-96-
Application Year: 96
Issue Date: 7/16/1996
Approval Type: Municipal water
Status: Approved
Application Type:

Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY, DESIGN & CONSTRUCTION DIV.
MACLAREN ST./MCLEOD ST. (CSO) OTTAWA CITY ON

Database:
CA

Certificate #: 3-0497-99-
Application Year: 99
Issue Date: 6/9/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Argyle Avenue Ottawa ON

Database:
CA

Certificate #: 2785-4LNQUF
Application Year: 00
Issue Date: 7/6/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 111 Sussex Drive, 7th Floor
Client City: Ottawa
Client Postal Code: K1N 5A1
Project Description: Combined Sewers
Contaminants:
Emission Control:

Site: Gladstone Avenue Ottawa ON

Database:
CA

Certificate #: 2461-4LXMEM
Application Year: 00
Issue Date: 7/5/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 111 Sussex Drive, 7th Floor
Client City: Ottawa
Client Postal Code: K1N 5A1
Project Description: Construction of Storm and Sanitary sewers on Gladstone Avenue from Bronson Avenue to Bay Street
Contaminants:
Emission Control:

Site: Hawthorne Avenue Ottawa ON

Database:
CA

Certificate #: 7616-4JKHU9

Application Year: 00
Issue Date: 4/28/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 111 Sussex Drive, 7th Floor
Client City: Ottawa
Client Postal Code: K1N 5A1
Project Description: This application is for the installation of storm and sanitary sewers on Hawthorne Avenue, from Main Street to easterly on Concord Street
Contaminants:
Emission Control:

Site: **Nepean Street**
Kent to Bank and Metcalfe to Elgin Ottawa ON

Database:
CA

Certificate #: 9810-5BPJ33
Application Year: 02
Issue Date: 7/8/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the 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 watermains on Nepean Street from Kent Street to Bank Street and from Metcalfe Street to Elgin Street.
Contaminants:
Emission Control:

Site: **McLeod Street Ottawa ON**

Database:
CA

Certificate #: 0461-54ATD3
Application Year: 01
Issue Date: 11/9/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the City of Ottawa
Client Address: 101 Centrepointe Drive
Client City: Ottawa
Client Postal Code: K2G 5K7
Project Description: Watermain construction
Contaminants:
Emission Control:

Site: **Argyle Avenue Ottawa ON**

Database:
CA

Certificate #: 0155-4L5MNP
Application Year: 00
Issue Date: 6/12/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address: 111 Lisgar Street
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: Construction of a Watermain on Argyle Avenue
Contaminants:
Emission Control:

Site: Gladstone Avenue Ottawa ON

Database:
CA

Certificate #: 4558-4LXLWW
Application Year: 00
Issue Date: 7/5/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address: 111 Lisgar Street
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: Watermains to be constructed on Gladstone Ave. and Percy St. in the City of Ottawa
Contaminants:
Emission Control:

Site: Hawthorne Avenue Ottawa ON

Database:
CA

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

Site: IPCF PROPERTIES INC.
PT.LOT 1/CON.1,CARTIER ST. GLOUCESTER CITY ON

Database:
CA

Certificate #: 8-4063-94-
Application Year: 94
Issue Date: 9/6/1994
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: SPACE & WATER HEATERS, ON-SITE BAKERY
Contaminants: Nitrogen Oxides, Odour/Fumes
Emission Control: No Controls

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

Database:
CA

Certificate #: 3-0468-85-006
Application Year: 85
Issue Date: 6/4/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:

Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Enviro-Grind Ltd. operating as Colautti Construction Ltd.
Mobile Facility Ottawa ON*

Database:
CA

Certificate #: 2617-7QQKQB
Application Year: 2009
Issue Date: 4/30/2009
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Taggart Construction Limited
Manotick River Crossing and Connection Ottawa ON*

Database:
CA

Certificate #: 1811-7Q2HVN
Application Year: 2009
Issue Date: 3/20/2009
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *DRAIN-ALL LTD.
ON*

Database:
CONV

File No:
Crown Brief No: 98-0000-9004
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: THIS IS THE EASTERN BRIEF FOR ALL P.O.A. TICKETS
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: EPA

Regulation:
Section: 186(3)
Act/Regulation/Section: EPA- -186(3)
Date of Offence:
Date of Conviction:
Date Charged: 4/14/99
Charge Disposition: SUSPENDED SENTENCE
Fine: \$305.00
Synopsis:

Site: Loblaw Companies Limited
Ottawa ON

Database:
CONV

File No: 097267

Location:

Crown Brief No:

Region:

Court Location:

Ministry District:

Publication City:

Publication Title:

Act:

Act(s):

First Matter:

Second Matter:

Investigation 1:

Investigation 2:

Penalty Imposed:

Description:

On April 19, 2011, Loblaw Companies Limited/Les Compagnies Loblaw Limitee pleaded guilty to one violation under the Environmental Protection Act for causing the discharge of a refrigerant into the air within a building or into the natural environment. The Court heard that the company owns and operates a property in Ottawa. The company uses a refrigeration contractor to install, maintain and service the equipment at this location. During such work, a release of refrigerant was reported to the ministry. The release was inside a building that was vented via exhaust fans to the natural environment. The refrigerant contains hydrochlorofluorocarbon and is considered an ozone depleting substance. The company was charged following an investigation by the ministry's Investigations and Enforcement Branch. The company was fined \$30,000 plus a victim fine surcharge and was given 30 days to pay the fine.

Background:

URL:

Additional Details

Publication Date:

Count: 1

Act: EPA

Regulation:

Section:

Act/Regulation/Section: EPA

Date of Offence:

Date of Conviction:

Date Charged: April 19, 2011

Charge Disposition: fine, victim fine surcharge

Fine: \$30,000

Synopsis:

Site: Colautti Construction Ltd
Ottawa ON

Database:
CONV

File No: 108583

Location:

Crown Brief No:

Region:

Court Location:

Ministry District:

Publication City:

Publication Title:

Act:

Act(s):

First Matter:

Second Matter:

Investigation 1:

Investigation 2:

Penalty Imposed:

Description:

The City of Ottawa and its contractor were fined \$120,000 for failing to comply with a permit to take water and

discharging sediment into Stillwater Creek, a tributary of the Ottawa River. 'Polluters should be aware that the ministry's Investigations and Enforcement Branch will vigorously pursue charges when our environmental laws are broken', said Environment Minister Jim Bradley. In 2010, the city awarded a contract for a water main installation along several streets in Ottawa to Colautti Construction Ltd. ' a local company that specializes in the construction of sewer and water lines. For dewatering required by construction, a permit to take water was issued to the City that required a number of conditions including turbidity testing. Following reports in August 2010 of possible impairments to Stillwater Creek as a result of drilling work, a ministry investigation found the company was responsible for a discharge of sediment into Stillwater Creek. Although there was no evidence of any actual impact to fish in Stillwater Creek as a result of the sediment discharge on that day, sediment discharges can adversely affect fish and benthic organisms. The City was also found to have not been conducting the required turbidity testing. The City of Ottawa and Colautti Construction Ltd. were fined a total of \$120,000 plus victim fine surcharges of \$30,000 and were given sixty days to pay the fines.

Background:
URL:

Additional Details

Publication Date:
Count:
Act:
Regulation:
Section:
Act/Regulation/Section:
Date of Offence:
Date of Conviction:
Date Charged: May 31, 2013
Charge Disposition: fine, victim fine surcharge
Fine: \$120,000
Synopsis:

Additional Details

Publication Date:
Count:
Act: Pesticides Act
Regulation:
Section:
Act/Regulation/Section: Pesticides Act
Date of Offence:
Date of Conviction:
Date Charged: March 10, 2014
Charge Disposition: fine, victim fine surcharge
Fine: \$5,000
Synopsis:

Site: **Taggart Construction Limited**
Ottawa ON

Database:
CONV

File No: 012802

Location:

Crown Brief No:

Region:

Court Location:

Ministry District:

Publication City:

Publication Title:

Act:

Act(s):

First Matter:

Second Matter:

Investigation 1:

Investigation 2:

Penalty Imposed:

Description:

Taggart Construction Limited, Paterson Group Inc. and Robert Passmore have been fined \$5,000 each, totalling \$15,000 plus a victim fine surcharge, after pleading guilty on January 15, 2009 to violations under the Ontario Water Resources Act. Taggart Construction Limited and Paterson Group Inc. were convicted of failing to comply with a Provincial Officer Order by taking more than 50,000 litres of water per day, and Mr. Passmore was convicted of giving false or misleading information to the ministry. The parties were given six months to pay the fine. The Court heard that Taggart Construction Limited was contracted by a developer to install municipal services at a subdivision in Ottawa which required dewatering activities. After being issued a Provincial Officer Order to restrict water taking activities to below 50,000 litres per day until a permit had been obtained, Taggart hired Paterson

Group Inc. to submit an application for the permit. Taggart then pumped over 50,000 litres of water based on information provided by Paterson Group employee, Mr. Passmore, that the go ahead to pump had been given when a permit had yet to be issued. In an interview with ministry investigators, Mr. Passmore denied giving Taggart verbal approval to pump in excess of 50,000 litres per day. Taggart Construction Limited, Paterson Group Inc. and Mr. Passmore were charged following an investigation by the Ministry of the Environment's Investigations and Enforcement Branch.

Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section:
Act/Regulation/Section: OWRA
Date of Offence:
Date of Conviction:
Date Charged: January 15, 2009
Charge Disposition: fine, victim fine surcharge
Fine: \$5,000
Synopsis:

Site: **Taggart Construction Limited**
Mobile Facility Ottawa Ontario Ottawa ON

Database:
EBR

EBR Registry No: IA07E0165
Ministry Ref No: 8556-6XWUA3
Notice Type: Instrument Decision
Notice Stage:
Notice Date: December 09, 2008
Proposal Date: January 30, 2007
Year: 2007
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: Taggart Construction Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 3187 Albion Rd S, Ottawa Ontario, K1V 8Y3
Comment Period:
URL:

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

Site Location Details:

Mobile Facility Ottawa Ontario Ottawa

Site: **City of Ottawa**
Argyle Avenue, Park Avenue and Queen Elizabeth Drive Ave Ottawa ON K2G 6J8

Database:
ECA

Approval No: 9210-7PVSZX
Approval Date: 2009-03-11
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: City of Ottawa
Address: Argyle Avenue, Park Avenue and Queen Elizabeth Drive Ave
Full Address:
Full PDF Link:

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

Site: *City of Ottawa*
Metcalfe St Patterson Avenue, and Strathcona Avenue Ottawa ON K1P 1J1

Database:
[ECA](#)

Approval No: 3410-5Y8QMV
Approval Date: 2004-04-23
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: City of Ottawa
Address: Metcalfe St Patterson Avenue, and Strathcona Avenue
Full Address:
Full PDF Link:

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

Site: *The Corporation of the Town of Iroquois Falls*
Argyle Ave Ottawa ON P0K 1G0

Database:
[ECA](#)

Approval No: 0691-7JLP EE
Approval Date: 2008-09-19
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: The Corporation of the Town of Iroquois Falls
Address: Argyle Ave
Full Address:
Full PDF Link:

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

Site: *City of Ottawa*
McLeod Street Ottawa ON K2G 5K7

Database:
[ECA](#)

Approval No: 0461-54ATD3
Approval Date: 2001-11-09
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Business Name: City of Ottawa
Address: McLeod Street
Full Address:
Full PDF Link:

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

Site: *Taggart Construction Limited*
Mobile Facility Ottawa ON K1V 8Y3

Database:
[ECA](#)

Approval No: 0636-7KEL2F
Approval Date: 2008-11-19
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Taggart Construction Limited
Address: Mobile Facility
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8556-6XWUA3-14.pdf>

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

Site: *Drain-All Ltd.
Mobile System Ottawa ON K1G 3N2* **Database:**
ECA

Approval No: A860302 **MOE District:** Ottawa
Approval Date: 2006-08-04 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: Rideau Valley **Geometry Y:**
Approval Type: ECA-WASTE MANAGEMENT SYSTEMS
Project Type: WASTE MANAGEMENT SYSTEMS
Business Name: Drain-All Ltd.
Address: Mobile System
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8652-6HXRNS-14.pdf>

Site: *The Regional Municipality of Ottawa-Carleton
Argyle Avenue, Park Avenue and Queen Elizabeth Drive Ottawa ON K2P 2L7* **Database:**
ECA

Approval No: 0155-4L5MNQ **MOE District:**
Approval Date: 2000-06-12 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Business Name: The Regional Municipality of Ottawa-Carleton
Address: Argyle Avenue, Park Avenue and Queen Elizabeth Drive
Full Address:
Full PDF Link:

Site: *Enviro-Grind Ltd. operating as Colautti Construction Ltd.
Mobile Facility Ottawa ON K1T 3V7* **Database:**
ECA

Approval No: 2617-7QKQKB **MOE District:**
Approval Date: 2009-04-30 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Enviro-Grind Ltd. operating as Colautti Construction Ltd.
Address: Mobile Facility
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/4433-7AXS7Q-14.pdf>

Site: *The Corporation of the City of Ottawa
Argyle Avenue, Park Avenue and Queen Elizabeth Drive Ottawa ON K1N 5A1* **Database:**
ECA

Approval No: 2785-4LNQUF **MOE District:**
Approval Date: 2000-07-06 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the City of Ottawa
Address: Argyle Avenue, Park Avenue and Queen Elizabeth Drive
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6778-4L2KCC-14.pdf>

Site: West portion of Slater, Metcalfe, Laurier, O'Connor Ottawa ON **Database:** EHS

Order No: 20020404009 **Nearest Intersection:**
Status: C **Municipality:**
Report Type: Complete Report **Client Prov/State:** QC
Report Date: 4/12/02 **Search Radius (km):** 0.25
Date Received: 4/4/02 **X:** -75.697292
Previous Site Name: **Y:** 45.419874
Lot/Building Size: 33,445 m2
Additional Info Ordered:

Site: Hwy 417 Ottawa ON **Database:** EHS

Order No: 20120509053 **Nearest Intersection:**
Status: C **Municipality:**
Report Type: Custom Report **Client Prov/State:** ON
Report Date: 5/16/2012 **Search Radius (km):** 0.25
Date Received: 5/9/2012 **X:** -75.670099
Previous Site Name: **Y:** 1
Lot/Building Size:
Additional Info Ordered:

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

Order No: 20051017044 **Nearest Intersection:**
Status: C **Municipality:**
Report Type: Site Report **Client Prov/State:** QC
Report Date: 10/18/2005 **Search Radius (km):** 0.25
Date Received: 10/17/2005 **X:**
Previous Site Name: **Y:**
Lot/Building Size:
Additional Info Ordered:

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

Generator No: ON0760802 **PO Box No:**
Status: **Country:**
Approval Years: 86,87,88,89,90 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code: 4121
SIC Description: HIGHWAYS, STR., ETC.

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Site: Airport Golfland **Database:** GEN
Parkway RR#2 Metcalfe Ottawa ON K0A 2P0

Generator No: ON6445050 **PO Box No:**
Status: **Country:** Canada
Approval Years: 2016 **Choice of Contact:** CO_ADMIN
Contam. Facility: No **Co Admin:** Kevin G Patterson
MHSW Facility: No **Phone No Admin:** 613- 821-3604 Ext.
SIC Code: 238910, 111110
SIC Description: SITE PREPARATION CONTRACTORS, 111110

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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

Database:
GEN

Generator No: ON0760802
Status:
Approval Years: 92,93,94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 4121
SIC Description: HIGHWAYS, STR., ETC.

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

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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

Database:
GEN

Generator No: ON0760802
Status:
Approval Years: 97,98
Contam. Facility:
MHSW Facility:
SIC Code: 4121
SIC Description: HIGHWAYS, STR., ETC.

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

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Site: **Airport Golfland Parkway Farm**
Parkway RR#2 Metcalfe Ottawa ON K0A 2P0

Database:
GEN

Generator No: ON6445050
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No: 8482
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

Site: **Airport Golfland**
Parkway RR#2 Metcalfe Ottawa ON K0A 2P0

Database:
GEN

Generator No: ON6445050
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Kevin G Patterson
Phone No Admin: 613- 821-3604 Ext.

SIC Code: 238910, 111110
SIC Description: SITE PREPARATION CONTRACTORS, 111110

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Site: *Airport Golfland Parkway Farm
Parkway RR#2 Metcalfe Ottawa ON K0A 2P0*

Database:
[GEN](#)

Generator No: ON6445050
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No: 8482
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

Site: *Airport Golfland
Parkway RR#2 Metcalfe Ottawa ON K0A 2P0*

Database:
[GEN](#)

Generator No: ON6445050
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 238910, 111110
SIC Description: SITE PREPARATION CONTRACTORS, 111110

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Kevin G Patterson
Phone No Admin: 613- 821-3604 Ext.

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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

Database:
[NPCB](#)

Company Code: O3082
Industry: Public Works Canada
Site Status:
Transaction Date: 10/11/1991
Inspection Date: 3/14/1991

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

Database:
[NPCB](#)

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

Site: *Taggart Construction Limited
Field adjacent to Findlay Creek<UNOFFICIAL> Ottawa ON*

Database:
[SPL](#)

Ref No: 5017-82RTMZ
Discharger Report:

Site No:
Incident Dt:
Year:
Incident Cause:
Incident Event:
Contaminant Code: 99
Contaminant Name: SILT
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: Planned Field Response
Dt MOE Arvl on Scn: 2/18/2010
MOE Reported Dt: 2/17/2010
Dt Document Closed:
Incident Reason:
Site Name: Field adjacent to Findlay Creek<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Taggart Construction: silt to Findlay Creek
Contaminant Qty: 0 other - see incident description

Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other
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: Watercourse Spills
Source Type:

Site: **Taggart Construction Limited** **Database:**
SPL
 Closest accessible street is the south end of Kelly Farm Dr. Ottawa ON

Ref No: 7527-82RKD5
Site No:
Incident Dt:
Year:
Incident Cause: Discharge Or Bypass To A Watercourse
Incident Event:
Contaminant Code: 99
Contaminant Name: SILT
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: Planned Field Response
Dt MOE Arvl on Scn: 2/17/2010
MOE Reported Dt: 2/17/2010
Dt Document Closed:
Incident Reason: Spill
Site Name: Field adjacent to Findlay Creek<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Taggart Construction: Silt spill to Findlay Creek.
Contaminant Qty: 0 other - see incident description

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other
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: Watercourse Spills
Source Type:

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

Ref No: 6833-6H4GWP
Site No:
Incident Dt: 10/12/2005
Year:
Incident Cause: Pipe Or Hose Leak
Incident Event:
Contaminant Code:
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:

Discharger Report: 0
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type: Other Motor Vehicle
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa

Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
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:	10/12/2005	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Land Spills
Incident Reason:	Unknown - Reason not determined	Source Type:	
Site Name:	Queensway, from Greenbank Exit to 1735 Iris Road		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Loblaws: 10 to 15 L diesel to road/parking lot		
Contaminant Qty:			

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

Ref No:	5448-5KXU3S	Discharger Report:	
Site No:		Material Group:	Oil
Incident Dt:	3/24/2003	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:		Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:	15	Nearest Watercourse:	
Contaminant Name:	HYDRAULIC 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:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	3/24/2003	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Spill to Land
Incident Reason:		Source Type:	
Site Name:	HWY 417 ONRAMP AT TERRY FOX EXIT<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Dundas Drilling- 68 L hydr.oil to ditch, cleaning		
Contaminant Qty:	68 L		

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

Ref No:	224201	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	4/19/2002	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	Sector Type:	
Incident Event:		Agency Involved:	OPP-KANATA; MTO
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:	20107
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:	4/19/2002	Site Map Datum:	

Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: LOBLAWS: 450L DIESEL FROMTRUCK TO ROAD ONLY; OPP; MTO.
Contaminant Qty:

SAC Action Class:
Source Type:

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

Database:
SPL

Ref No: 191523
Site No:
Incident Dt: 12/4/2000
Year:
Incident Cause: TRUCK/TRAILER OVERTURN
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/4/2000
Dt Document Closed:
Incident Reason: OTHER
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: RSR ENVIRONMENTAL:SPILL OF 50-100 L DIESEL DUE TO ROLLOVER. CONTAINED.
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: 20107
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: QUEENSWAY EASTBOUND AT METCALFE \ OTTAWA CITY ON

Database:
SPL

Ref No: 162583
Site No:
Incident Dt: 12/2/1998
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: LAND / WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/2/1998
Dt Document Closed:
Incident Reason:
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

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

Site: LOBLAWS
OTTAWA CITY ON

Database:
SPL

Ref No: 49925
Site No:
Incident Dt: 5/1/1991
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Water course or lake
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/1/1991
Dt Document Closed:
Incident Reason: OVERSTRESS/OVERPRESSURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: LOBLAWS - HYDRAULIC OIL TO GROUND AND CATCHBASIN FROM BROKEN HOSE
Contaminant Qty:

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

Site: Taggart Construction Limited
Findlay Creek Subdivision Ottawa ON

Database:
SPL

Ref No: 4066-82SU3T
Site No:
Incident Dt:
Year:
Incident Cause: Discharge Or Bypass To A Watercourse
Incident Event:
Contaminant Code: 43
Contaminant Name: SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: Planned Field Response
Dt MOE Arvl on Scn: 2/19/2010
MOE Reported Dt: 2/18/2010
Dt Document Closed:
Incident Reason: Overstress/Pressure - Any form of overloading wherein the design strength of the container was exceeded
Site Name: Findlay Creek<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Taggart Construction: sediment to Findlay Creek
Contaminant Qty: 90 min (duration)

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: Environment Canada - Spills at Federal Facilities & Spills of National Interest
Source Type:

Site: City of Ottawa
Highway 417 Ottawa ON

Database:
SPL

Ref No: 3043-7QMTYH

Discharger Report:

Site No:
Incident Dt:
Year:
Incident Cause: Pipe Or Hose Leak
Incident Event:
Contaminant Code:
Contaminant Name: ENGINE OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Other Impact(s)
Receiving Medium:
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/30/2009
Dt Document Closed:
Incident Reason: Unknown - Reason not determined
Site Name: EB Merge Lane Hwy 417 & Eagleson Road
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo: 10L engine oil to grnd on Hwy 417
Contaminant Qty: 10 L

Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: NA
Easting: NA
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Primary Assessment of Incident
Source Type:

Site: Loblaw Properties Limited **Database:**
 Loblaws Ottawa ON **SPL**

Ref No: 2287-7FNKE6
Site No:
Incident Dt:
Year:
Incident Cause: Discharge or Emission to Air
Incident Event:
Contaminant Code: 38
Contaminant Name: FREON R-22 (CFC)
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: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/16/2008
Dt Document Closed: 9/8/2008
Incident Reason: Equipment Failure - Malfunction of system components
Site Name: Loblaws
Site County/District:
Site Geo Ref Meth:
Incident Summary: Loblaws, 625 lb of R22 released to atmosphere.
Contaminant Qty: 625 lb

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: NA
Easting: NA
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Air Spills - Gases and Vapours
Source Type:

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

Ref No: 1151-5R4LZR
Site No:
Incident Dt: 9/5/2003
Year:
Incident Cause: Other Discharges
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:

Discharger Report:
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa

Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	Eastern
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
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:	9/5/2003	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	Other - Reason not otherwise defined	Source Type:	
Site Name:	417 EASTBOUND - NICHOLAS ON RAMP<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Hwy 417 - diesel spill		
Contaminant Qty:	100 L		

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

Ref No:	0881-5HS47B	Discharger Report:	
Site No:		Material Group:	Oil
Incident Dt:	1/13/2003	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Container Leak (Fuel Tank Barrels)	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:	13	Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL	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:	Not Anticipated	Site Municipality:	Ottawa
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:	1/13/2003	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Spill to Land
Incident Reason:	Error- Operator error	Source Type:	
Site Name:	TERRY FOX DRIVE AT THE HWY. 417 OVERPASS<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CITY OF OTTAWA - 180 L OF DIESEL FUEL TO GROUND.		
Contaminant Qty:	180 L		

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

Ref No:	239018	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/11/2002	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	UNKNOWN	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:	20107
Nature of Impact:	Water course or lake	Site Lot:	
Receiving Medium:	LAND, WATER	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	9/11/2002	Site Map Datum:	

Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

SAC Action Class:
Source Type:

SOURCE UNK: UNK VOLUME OF ANTIFREEZE IN THE STORMSEWER, CLEANING

Site: OTTAWA POLICE SERVICE
CORNER OF CATHERINE AND ARGLE ST EAST SIDE BY VISITORS PARKING STORAGE TANK 474 ELGIN STREET
OTTAWA CITY ON

Database:
SPL

Ref No: 226654
Site No:
Incident Dt: 5/29/2002
Year:
Incident Cause: CONTAINER OVERFLOW
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/29/2002
Dt Document Closed:
Incident Reason: CARELESS APPLICATION
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: OTTAWA POLICE SURVICE:200L WASTE OIL TO GRD, CONT-AINED AND CLEANING
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: 20107
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: CONSOLIDATED FREIGHTWAYS
ALONG THE 417 TRANSPORT TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 35498
Site No:
Incident Dt: 5/29/1990
Year:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/30/1990
Dt Document Closed:
Incident Reason: MATERIAL FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: CONSOLIDATED FREIGHT-15 LGLUE TO HIGHWAY BETWEEN MONTREAL AND OTTAWA
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: CANUTEC,OPP
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: Taggart Construction Limited
Ottawa ON

Database:
SPL

Ref No: 7584-BB3KRQ
Site No: NA
Incident Dt: 4/4/2019
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: 4/9/2019
Dt Document Closed:
Incident Reason:
Site Name: 1896 John Quinn rd, Metcalfe<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Mobile Crusher Relocation - 2019
Contaminant Qty:

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

Site: SNC-Lavalin Constructors (Pacific) Inc., Dragados Canada, Inc.
South of Hwy 417 between Hurman Bridge and Lees Ave Ottawa ON

Database:
SPL

Ref No: 8221-9JDKCS
Site No: NA
Incident Dt: 2014/04/21
Year:
Incident Cause: Overflow/Surcharge
Incident Event:
Contaminant Code: 12
Contaminant Name: GASOLINE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Soil Contamination
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 2014/04/21
Dt Document Closed: 2014/11/04
Incident Reason: Operator/Human Error
Site Name: OLRT Highway Widening Project Site<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Ottawa LRT: 1L gasoline spill cleaned
Contaminant Qty: 1 L

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Tank - Above Ground
Agency Involved:
Nearest Watercourse:
Site Address: South of Hwy 417 between Hurman Bridge and Lees 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: Land Spills
Source Type:

Site: Loblaws Ottawa ON

Database:
SPL

Ref No: 1360-BFGSKX
Site No: NA
Incident Dt: 8/28/2019

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment

Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 38
Contaminant Name: REFRIGERANT GAS, N.O.S.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: 1078
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Air
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/28/2019
Dt Document Closed:
Incident Reason: Operator/Human Error
Site Name: 200 Earl Grey Drive <UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Loblaw: R507 leaked to atmosphere
Contaminant Qty: 408 kg

Client Type:
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address: Loblaw
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Air Spills - Gases and Vapours
Source Type: Valve/Fitting/Piping

Site: **Enbridge Energy Distribution Inc.**
McLeod St, between Lyon St and Bay St Ottawa ON

Database:
SPL

Ref No: 1803-BDRL6Z
Site No: NA
Incident Dt: 7/4/2019
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: 1075
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Air
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/4/2019
Dt Document Closed: 9/6/2019
Incident Reason: Operator/Human Error
Site Name: Residential<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TSSA FSB: 1.25" steel fitting on 6" steel main, made safe
Contaminant Qty: 0 L

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type: Corporation
Sector Type: Miscellaneous Communal
Agency Involved:
Nearest Watercourse:
Site Address: McLeod St, between Lyon St and Bay St
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Source Type: Pipeline/Components

Site: **City of Ottawa; Drain-All Ltd.**
Ottawa ON

Database:
SPL

Ref No: 2725-BCFDLJ
Site No: NA
Incident Dt: 5/22/2019
Year:
Incident Cause:
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type: Municipal Government; Corporation
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern

Environment Impact:		Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	5/22/2019	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:		Source Type:	
Site Name:	To be determined<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	EGN for (3) zones - Ottawa Flooding (2019)		
Contaminant Qty:			

Site: **HWY 417 WEST Ottawa ON** **Database:**
WWIS

Well ID:	7290688	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Test Hole	Date Received:	7/19/2017
Sec. Water Use:		Selected Flag:	True
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	7579
Casing Material:		Form Version:	7
Audit No:	Z261473	Owner:	
Tag:	A228339	Street Name:	HWY 417 WEST
Construction Method:		County:	
Elevation (m):		Municipality:	
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:			

Bore Hole Information

Bore Hole ID:	1006636095	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	9
Date Completed:	04-Jul-2017 00:00:00	UTMRC Desc:	unknown UTM
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:	1006753722
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28

Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 1006753723
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 42.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 1006753724
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 42.0
Formation End Depth: 72.5
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 1006753731
Layer: 1
Plug From: 0
Plug To: 72.5
Plug Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 1006753730
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006753721
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1006753728
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1006753726
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006753725
Diameter: 3.630000114440918
Depth From: 0.0
Depth To: 72.5
Hole Depth UOM: ft
Hole Diameter UOM: inch

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.

Office Use Only

Application Number: _____	Ward Number: _____	Application Received: (dd/mm/yyyy): _____
Client Service Centre Staff: _____	Fee Received: \$	<input type="text"/>



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 3 and Lot 4, Plan 30, South Argyle Avenue in the City of Ottawa, Ontario
PIN: 04123-0063

What is the land
currently used for?

Commercial

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

\$105.00

Submittal Requirements

The following are required to be submitted with this application:

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

Disclaimer
For use with HLUI Database

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

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

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

Signed: _____

Dated (dd/mm/yyyy): 06/07/2021 _____

Per: Samuel Berube

(Please print name)

Title: Environmental Engineer

Company: Paterson Group

patersongroup

Consulting Engineers

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

June 24, 2021
File: PE4365-HLUI

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

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


www.patersongroup.ca

Subject: **Authorization Letter, HLUI Search
Phase I-Environmental Site Assessment
100 Argyle Avenue
Ottawa, Ontario**

Dear Sir or Madame,

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

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

Name of Company/Property Owner:	<u>100 Argyle Corporation</u>
Name of Representative	<u>Bonnie Martell c/o Colonnade BridgePort</u>
Authorization of Representative	<u></u>
Date	<u>6/28/2021</u>

Samuel Berube

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: June 28, 2021 8:48 AM
To: Samuel Berube
Subject: RE: PE4365: TSSA Request

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 Samuel,

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:

Inst Numb	Address	City	Province	Postal Code	Inststatusname	Segment
9290806	474 ELGIN ST	OTTAWA	ON	K2P 2J6	Active	FS PRIM
64509912	474 ELGIN ST	OTTAWA	ON	K2P 2J6	Active	FS FUEL
10902727	474 ELGIN ST	OTTAWA	ON	K2P 2J6	Active	FS LIQU
10902744	474 ELGIN ST	OTTAWA	ON	K2P 2J6	Active	FS LIQU

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: Samuel Berube <SBerube@Patersongroup.ca>
Sent: June 25, 2021 4:31 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: PE4365: TSSA Request

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Can you please search your records for the following addresses in **Ottawa, Ontario**?

467, 474- **Elgin Street**

100, 110, 122 - **Argyle Avenue**

455, 457, 464 - **Metcalfe Street**

240 - **McLeoud Street**

20 - **Isabella Street**

Thank you,

Samuel Berube, B.Eng.

patersongroup
solution oriented engineering
over 60 years serving our clients

154 Colonnade Road South

Ottawa, Ontario, K2E 7J5

Tel: (613) 226-7381

Cell: 613-558-0932

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

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

Samuel Berube, B.Eng. Junior Environmental Engineer

Samuel joined Paterson Group in 2019 as part of the Environmental Department. Samuel received his Bachelor of Environmental Engineering from the University of Guelph in 2019. Since joining Paterson Group in 2019, Samuel has worked on numerous residential and commercial development projects, predominantly within the National Capital Region as well as various locations within Southeastern Ontario. His scope of work consists of conducting Phase I & II environmental site assessments, field inspections, contaminated soil and groundwater field sampling, supervising the remediation of contaminated sites, as well as performing designated substance surveys.

EDUCATION

Bachelor of Environmental Engineering, 2019 University of Guelph, Guelph, ON

YEARS OF EXPERIENCE

With Paterson: 2

OFFICE LOCATION

154 Colonnade Road South,
Nepean, Ontario, K2E 7J5

SELECT LIST OF PROJECTS

- Caivan Communities: The Ridge, Ottawa, ON (Site Remediation Coordinator & Supervisor).
- Commercial Development: 17631 Headline Road, Cornwall, ON (Site Remediation Coordinator & Supervisor)
- The Ottawa Hospital: Sir John Carling Building, Ottawa, ON (Deep Foundation Removal Program)
- Residential High-Rise Development: 1950 Scott Street, 312 and 314 Clifton Road, Ottawa, ON (Phase I & II Environmental Site Assessment)
- Residential Development: Martin Street North, Almonte, ON (Phase I & II – Environmental Site Assessment)
- Residential Development: 3713 Borrisokane Road, Ottawa, ON (Phase II Environmental Site Assessment)
- Residential Development: 800 Second Street West, Cornwall, ON (Phase I & II Environmental Site Assessment)
- Residential Development: 640 White Lake Road, Ottawa, ON (Phase I Environmental Site Assessment)

PROFESSIONAL EXPERIENCE

April 2019 to present, **Junior Environmental Engineer, Paterson Group, Ottawa, Ontario**

- Conducting Phase I and Phase II Environmental Site Assessments in accordance with CSA standards and O.Reg. 153/04.
- Responsible for the application of environmental, hydrogeological, and/or geotechnical principles and practices in the identification and delineation of soil and groundwater contamination plumes while ensuring compliance with federal, provincial, and/or municipal legal and regulatory requirements.
- Presenting analytical test results, interpretations, assessments, recommendations and/or conclusions in a final technical report.
- Field experience in the supervision of drilling and excavation contractors, inspection of aboveground and underground fuel storage tanks, soil and rock classification, soil and groundwater field sampling, as well as the collection of hazardous building materials and designated substances.
- Coordination and on-site supervision of soil and groundwater remediation activities for contaminated sites.
- Liaising with clients, contractors, consultants, and government officials.
- Coordination of contractors and field staff while directly reporting to senior management and client to ensure completion of project on schedule and within budget.

Michael Beaudoin, P.Eng. QP_{ESA} Environmental Engineer

Michael received his Bachelor of Engineering from Carleton University in 2010 in Environmental Engineering. Michael joined the Paterson Group in the Environmental Division. Michael has worked for Paterson for approximately 10 years and has accrued extensive field and office experience. Michael's experience working in the field ranges from Phase I site reviews, Phase II investigations, remediation site inspections and designated substance surveys. Through his years of field experience, Michael has obtained invaluable knowledge on contractor relationships, budgets, time management, consultant/owner relation, quality data and information, and working with a variety of different personnel and situations. Michael has moved into a more senior role by becoming a qualified person for environmental assessments, overseeing small to large scale environmental projects, which include, Phase I and II reports, Record of Site Conditions and Brownfield Applications. Michael has assisted with Mark D'Arcy in the development of young staff and continuous improvement of Paterson internal systems.

EDUCATION

B.Eng. 2010, Environmental Engineering, Carleton University, Ontario, ON

LICENCE/ PROFESSIONAL AFFILIATIONS

Professional Engineers of Ontario

Ottawa Geotechnical Group

YEARS OF EXPERIENCE

With Paterson: 10

OFFICE LOCATION

154 Colonnade Road South,
Nepean, Ontario, K2E 7J5

SELECT LIST OF PROJECTS

- Rideau Street Reconstruction, Ottawa, ON Phase I ESA, Phase II ESA, (Field Manager)
- Main Street Reconstruction, Ottawa, ON Phase I ESA, Phase II ESA, (Field Manager)
- Woodroffe Avenue Reconstruction, Ottawa, ON Phase I ESA, Phase II ESA, (Field Manager)
- Westboro Connection Development, Ottawa ON, Phase II ESA, Remediation Supervision (Field Manager)
- Riverview Development – Kingston, ON, Phase I ESA, Phase II ESA, and filing of an RSC in the MECP Environmental Site Registry (Project Manager)
- West Village Development – Kingston, ON, Phase I ESA, Phase II ESA, and filing of multiple RSCS in the MECP Environmental Site Registry (Project Manager)
- ESAP Project, Ottawa, ON
- Record of Site Condition Filings, Various Sites, Ottawa, ON.
- Designated Substance Surveys, Ottawa, ON
- Phase I and Phase II Investigations in accordance with CSA standards and O.Reg 153/04

PROFESSIONAL EXPERIENCE

November 2010 to present, **Environmental Engineer, Paterson Group Inc.**, Ottawa, Ontario

- Provide on-site environmental expertise for various soil and groundwater remediation projects including but not limited to the following: Riverview Development, West Village, Westboro Connection, ESAP Project, and 405 Terminal Avenue.
- Oversee Phase I and Phase II Investigations in accordance with CSA standards and O.Reg 153/04 on a variety of residential and commercial developments.
- Responsible for filing Records of Site Condition with the MECP Environmental Site Registry.
- Completing Designated Substance Surveys (including Air Quality Testing)
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations for environmental concerns.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for environment field programs and construction costs.
- Review RFI's, submittals, monthly progress reports and other various construction related work.