LOPERS & ASSOCIATES

Phase One Environmental Site Assessment

265 Catherine Street
Ottawa, Ontario

Prepared for:

11034936 Canada Inc.

September 8, 2021

LOP21-018A

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1. Executive Summary

Lopers & Associates (Lopers) was retained by 11034936 Canada Inc. (Brigil) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the commercial/industrial property with Civic address No. 265 Catherine Street, Ottawa, Ontario ("Phase One Property", "Property" or "Site").

This Phase One ESA is being completed as part of due diligence requirements associated with the submission and filing of a record of site condition (RSC) for the Property, required as part of a change in land use to a more sensitive use. This Phase One ESA can also be used to support the submission of a Development Application to the City of Ottawa Municipal Planning Department.

The Phase One Property was undeveloped prior to the early 1900's when residential development of the north, east and west portions of the Property began; the north, east and west portions of the Property were fully developed for residential use between 1928 and 1965. The Barrett Family began purchasing the south-central portion of the Phase One Property, and the property was used as a lumber storage yard and sales office from at least 1912 to 1965. The Phase One Property was redeveloped with for commercial use (Ottawa Central Bus Terminal) in 1973, which operated until June of 2021.

The Property is currently vacant and unoccupied. The Property was most recently used for as a bus terminal and had leased commercial and office space prior to 2020. 12712610 Canada Inc. (Brigil) purchased the Phase One Property in 2021, and it is understood that the intended future use is for residential purposes, with potential for commercial use on the ground floor and two to three levels of underground parking. The Phase One Property is immediately surrounded by four municipal Right-of-Ways, then residential properties to the north and west, commercial properties to the south and an institution (school) property to the east.

The presence of a private fuel outlet and associated underground storage tank (UST) represents PCA #1 and is interpreted as APEC #1 for the northeast portion of the Phase One Property. The presence of a service bay (garage), associated historical aboveground storage tank (AST) and suspected UST represents PCA #2 and is interpreted as APEC #2 for the east portion of the Phase One Property. The former presence of residential and commercial structures which historically occupied the majority of the Phase One Property, are suspected to have had their foundations backfilled with poor environmental quality fill material. This fill material (PCA #3) is suspected in areas outside of the current building footprint and represents APEC #3 for the Property.

The contaminants of potential concern associated with fuel storage and fuelling are generally PHCs and BTEXs. Based on historical presence of a service garage at the Property, VOCs are also considered contaminants of potential concern (CPCs) associated with the former service garage operations. The CPCs associated with the historical fill materials are polycyclic aromatic hydrocarbons (PAHs), metals & inorganics. PHCs/BTEXs are also a CPC; considering the date of original development at the Property, there are suspected former heating oil storage tanks associated with the various former residential and commercial properties which now comprise the Phase One Property.

Previous environmental reports were provided which document the presence of contaminant concentrations that exceed the Site Condition Standards at the Phase One Property; the contaminants are associated with the aforementioned APECs.

The PCAs identified at the Phase One Property, which are the only PCAs interpreted to be contributing to the APECs at the Phase One Property are included in Table 1 below.

Table 1: Potentially Contaminating Activities and Areas of Potential Environmental Concern

PCA Report Reference No.	Potentially Contaminating Activity	Location	APEC Report Reference No.
1	Former private fuel outlet (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	Northeast portion of the Phase One Property	APEC #1
2	Former service garage with associate storage tanks (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems) and, (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	East portion of the Phase One Property	APEC #2
3	Backfilling of historical building footprints with potentially poor environmental quality fill material (O.Reg. 153/04 PCA Item 30: Importation of Fill Material of Unknown Quality)	Majority of the Phase One Property outside of the current bus station building footprint.	APEC #3

Based on the identification of APECs at the Phase One Property, it is recommended that a Phase Two Environmental Site Assessment be completed to assess the soil and/or groundwater quality in the vicinity of the APECs.

2. Introduction

Lopers & Associates (Lopers) was retained by 11034936 Canada Inc. (Brigil) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the commercial/industrial property with Civic address No. 265 Catherine Street, Ottawa, Ontario ("Phase One Property", "Property" or "Site").

The Phase One Property is legally described as Lots 10 to 12 (West Side Kent Street) and Lots 22 to 28 (South Side Arlington Avenue) and Lots 22 to 28 (North Side Catherine Street) on Registered Plan 30, in the City of Ottawa and has a property identifier number of 04122-0408, as obtained from a Legal Survey completed by Annis, O'Sullivan, Vollebekk Ltd., on June 24, 2021, provided by Brigil; a copy of the Legal Survey is presented in Appendix A.

Based on approximate dimensions obtained from the City of Ottawa's GIS mapping software, the Phase One Property has an approximate area of 10,345m^2 (1.03 Hectares) and a zoning designation of GM [1875] S271, which signifies a general mixed use zone. The approximate elevation of the Phase One Property as confirmed through City of Ottawa mapping and Google Earth is between approximately 69 to 70 m above mean sea level (m AMSL). The approximate centre of the Phase One Property has Latitude and Longitude coordinates of 45° 24′ 32″ N and 75° 41′ 41″ W and Universal Transverse Mercator (UTM) coordinates of 445632 m E and 5028597 m N.

The Phase One Property is currently owned by 12712610 Canada Inc., a subsidiary company of Brigil Construction ("Brigil"). It is Lopers' understanding that Brigil intends to redevelop the Phase One Property for mixed use (commercial and residential purposes), including the current concept for construction of three multi-storey buildings, with multiple levels of subgrade parking, commercial ground floor and residential units above. A copy of an artist's rendering of the current Site development design concept plan, as provided by Brigil, is presented in Appendix B.

This Phase One ESA was commissioned by Mr. Jean-Luc Rivard, Director of Land Development and Infrastructure for Brigil Construction (Brigil), operating as 11034936 Canada Inc. and 12712610 Canada Inc. Brigil has a business address of 98 Rue Lois, Gatineau, Quebec, J8Y 3R7 and a business telephone number of 819-243-7392.

3. Scope of Investigation

This Phase One ESA has been completed as per the details of scope presented in Lopers' Letter entitled "Proposal for Designated Substance Survey, Phase One and Phase Two Environmental Site Assessments, Record of Site Condition Submission, Remedial Action Plan and Municipal Brownfields Application Proposed Residential Re-development 265 Catherine Street, Ottawa, ON, 265 Catherine Street, Ottawa, ON", dated May 3, 2021, reference No. PRO-018-21-BRIGIL.

The Phase One ESA has been prepared in accordance with the technical requirements and formatting guidance as presented by the Ministry of Environment, Conservation and Parks (MECP) in Ontario Regulation (O.Reg.)153/04, as amended July 1, 2020. This format is based on the provincial regulation for brownfields redevelopment and has been adopted as a standard by the City of Ottawa for development applications.

The scope of work for the Phase One ESA involved the following components:

- Historical Research (Review of available historical reports, public environmental databases, Fire Insurance Plans (FIPs), City Directories, Aerial Photographs, geological mapping and any other relevant environmental records which were readily accessible at the time of the Phase One ESA);
- Requests for Information from the MECP Freedom of Information (FOI), Technical Standards and Safety Authority (TSSA), and City of Ottawa Historical Land Use Inventory (HLUI);
- Review of subcontracted research of environmental databases through Environmental Risk Information Services (ERIS);
- Property Title Search (subcontracted through READ Abstracts Limited and reviewed herein)
- Physical Site inspection
- Interviews with persons knowledgeable about the Property and past uses
- Interpretation of findings
- Preparation of a Phase One ESA report

The specific objectives of the Phase One ESA are to:

- Provide an overview of the Phase One Environmental Site Assessment conducted with respect to the Phase One Property.
- Provide an environmental record of the Phase One Property, in a manner that can be assessed, tested and reconstructed, to document and demonstrate:
  - How the objectives of the Phase One ESA were achieved and how the requirements for the objectives were met;
  - Whether further investigation is required to submit a Record of Site Condition (RSC) for filing;
  - Whether there exists an adequate basis for further investigation; and,
  - The basis for required certifications.

4. Records Review

a) General

i. Phase One Study Area

The Phase One Study Area includes the Phase One Property and properties having any boundaries within 250 m of the Phase One Property limits. Based on a review of the Phase One Property and properties in the Phase One Study Area, their associated historical and/or current uses and operations and physical characteristics of the Phase One Study Area, it was determined that an assessment of properties within 250 m of the Phase One property was sufficient to meet the objectives of the scope of this investigation for a Phase One ESA.

ii. First Developed Use Determination

A land title search was completed by READ Abstracts Limited for a larger parcel of land which is owned by Brigil and includes the Phase One Property. The title search indicates that the Phase One Property was owned by individuals since at least 1871 until 1903 when ownership of the south-central portion of the Property was transferred to the owners of Barrett Brothers Lumber.

Aerial photographs reviewed from 1928 through 1965 show the Phase One Property occupied for residential and commercial use. The 1976 through 2019 aerial photographs shows the presence of the current (vacant) commercial building on the central portion of the Phase One Property. A reference from a previous environmental report indicated that the first documented residential use of the Property was in 1901. Interviews and previous reports have indicated that the Property was redeveloped with the present day building in 1973.

Based on the information reviewed as part of this Phase One ESA, specifically the reference to the historical construction date, title search and aerial photographs, the first developed use of the Phase One Property is considered to be 1901.

iii. Fire Insurance Plans

Fire insurance plans (FIPs), were reviewed where available, for the City of Ottawa as part of this Phase One ESA. The FIPs from 1912, 1948 and 1956 were reviewed as part of this Phase One ESA.

In the 1912 FIP, the Phase One Property was developed with several residential dwellings along the north portion of the Property and apartment buildings along the east, west and northeast portions of the Property. The south portion of the Phase One Property was being used as a lumber yard.

In the 1956 FIP, the Phase One Property was shown to be occupied by Barrett Brothers Lumber Yard over the majority of the southern portion of the Property. An "Upholstering" building was

present on the southeast portion of the Property. The north, east and west portions of the Property appeared to be unchanged and were used for residential purposes.

The Lumber Yard depicted at the Phase One Property represents PCA #3 associated with the O.Reg. 153/04 PCA: Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products. This PCA #3 represents APEC #3 for the Phase One Property.

There were 13 additional PCAs identified at properties in the Phase One Study Area during a review of the FIPs; these PCAs are presented in Table 1 below.

Table 2: Potentially Contaminating Activities Identified during FIP Review

Plan Reference No.	PCA	Address	Orientation	APEC (Y/N)
3	Historical residential and commercial structures (potential poor quality fill material associated with demolition and redevelopment).	SITE: Various addresses on Catherine Street, Arlington Avenue, Kent Street and Lyon Street	On-Site	**Y**
4	Lumber, Coal & Wood Storage	260 Catherine Street	20 m south	N
5	Canadian National Railway	Current Location of Highway 417	70 m south	N
6	Coal Yard	Current Location of Highway 417 (formerly 51A Chamberlain Avenue)	110 m south	N
7	City Asphalt Plant	Current Location of Highway 417 (formerly 85,91,97 Chamberlain Avenue)	110 m south	N
9	Auto Repairs	78 Chamberlain Avenue (formerly 604 Lyon Street)	180 m south	N
10	Crown Laundry	30, 34 Chamberlain Avenue	150 m south	N
11	Auto Repairs	14 (formerly 8,10,12) Chamberlain Avenue	180 m southeast	N
12	Garage	335 Catherine Street	90 m west	N
13	Garage	368 Catherine Street	160 m west-southwest	N
14	Coal & Lumber Storage Yard	370 Catherine Street	170 m west-southwest	N
15	Garage & Repairs	17 (formerly 41) Arlington Avenue	120 m east-northeast	N
16	Garage & Repairs	480 Gladstone Avenue	200 m north	N

The aforementioned PCAs are identified by their plan reference numbers, which are depicted on Figure 3: Surrounding Land Use and are summarized in Table 8, Section 7. (b). These plan reference numbers are the same as the PCA #'s for these PCAs, subsequently referenced throughout this Phase One ESA. None of the PCAs at neighbouring properties were interpreted

to represent APECs for the Property, given their orientations and/or distances with respect to the Property.

iv. Chain of Title

A chronological chain of title was prepared by READ Abstracts Limited for the Phase One Property. The chain of title provides the names of historical owners, lessees and dates of ownership for the Phase One Property dating back to 1871 to March 1, 2021, when the Property had been transferred the present-day ownership. The legal description as obtained from the Chain of Title was Lots 10 to 12 West Kent, Lots 22 to 28 South Arlington, Lots 22 to 28 North Catherine, Plan 30 in the City of Ottawa, with property identifier number of 04122-0408.

Based on additional historical research completed as part of this Phase One ESA and a review of the chain of title, the Phase One Property was agricultural with no developed use prior to 1871. A chain of title ownership summary was prepared dating back to 1871 and is presented in Table 2 below. A copy of the Chain of Title for the Phase One Property, as prepared by READ Abstracts Limited for the Phase One Property is provided in Appendix C.

Table 3: Chain of Title Ownership Summary

Year(s)	Phase One Property Ownership
All Lands	
Plan Registered Dec. 15, 1871	M.L. Stewart
1878 to 1903	Individuals
Lots 23, 24, 25, 26, 27 North Side of Catherine Street	
1903 to 1971	George and Ernest Barrett (and subsequent Barrett family)
Lot 22 North Side of Catherine Street; Lots 11, 12 West Side of Kent Street	
1903 to 1960	Individuals
1960 to 1971	Minute Car Wash (Ottawa) Limited
Lot 28 North Side of Catherine Street; Lots 22, 23, 24, 25, 26, 27, 28 South Side of Arlington Avenue; Lot 10 West Side of Kent Street	
1903 to 1971	Individuals
All Lands	
1971 to 1988	Voyageur Colonial Ltd.
1988 to 2007	160901 Canada Inc.
2007 to 2021	Crerar Silverside Corporation
March 1, 2021 to Present	12712610 Canada Inc.

Three commercial leases were registered at the Phase One Property including:

- CR292208 – June 8, 1951 – Barrett Brothers Lumber Ltd.
- LT1120850 – May 14, 1998 – 9053-0684 Quebec Inc.
- OC1313318 – December 6, 2011 – Greyhound Canada Transportation Corporation

The Chain of Title, as well as FIP research, has revealed that the south-central portion of the Phase One Property was occupied by a Lumber Yard from approximately 1903 to 1971. The presence of a historic lumber yard at the Phase One Property is represents PCA #3 and APEC #3.

The north, east and west portions of the Property were occupied for residential uses from the late 1800's to at least 1960.

The Phase One Property was subsequently redeveloped and used as a bus terminal from approximately 1971 to 2021. The use and presence of a bus terminal at the Phase One Property has the potential to be associated with various potentially Contaminating Activities (PCAs), which are documented and discussed in subsequent sections of this report. These PCAs are associated with APECs for the Phase One Property, which are discussed in subsequent sections.

There were no other PCAs known to be associated with the ownership of the Phase One Property based on the chain of title ownership summary.

v. Environmental Reports

Brigil provided the following four reports for review as part of this Phase One ESA:

1. "Phase I - Environmental Site Assessment, Existing Bus Terminal, 265 Catherine Street, Ottawa, Ontario", dated October 15, 2020, completed by Paterson Group Inc. for Crerar Silverside Corporation.
2. "Phase II Environmental Site Assessment, Existing Bus Terminal, 265 Catherine Street, Ottawa, Ontario", dated October 16, 2020, completed by Paterson Group Inc. for Crerar Silverside Corporation.
3. "Remedial Action Plan, 265 Catherine Street, Ottawa, Ontario", dated October 15, 2020, completed by completed by Paterson Group Inc. for Crerar Silverside Corporation.
4. "Geotechnical Investigation, Proposed Mixed-Use Development, 265 Catherine Street, Ottawa, Ontario", dated October 7, 2020, completed by Paterson Group Inc. for Crerar Silverside Corporation.

Additional field investigation was also completed in 2010 and 2011 by Paterson Group Inc. (Paterson), as supervised by the author of this report, Mr. Luke Lopers, which provided investigation and early delineation of soil and groundwater quality/impacts at the Phase One Property. No reports have been provided to Brigil documenting the 2010 or 2011 investigations, however, some of their findings are summarized in 2020 Phase I ESA and 2020 Phase II ESA.

2020 Phase I - Environmental Site Assessment by Paterson (2020 Paterson Phase I ESA)

The 2020 Paterson Phase I ESA stated that the Phase One Property was originally developed circa 1901 and was used for residential and commercial purposes until redevelopment of the Property in 1973 with the Ottawa Central Bus Station. The presence of a 45,500 L diesel fuel underground storage tank (UST) was identified to the northeast of the Site building and was associated with a bus refuelling station in this area of the Property. A waste oil UST was also observed on the northeast portion of the Property. A diesel fuel aboveground storage tank (AST) was also reportedly observed on the east portion of the Property. Paterson interpreted these PCAs, in addition to placement of fill material of unknown quality across the entire Property as Areas of Potential Environmental Concern (APECs).

The operation of the east 'garage bay' was identified to have been used for repair, service and/or maintenance of buses. Paterson stated that the garage bay was used as a "wash-bay for the bus fleet" and did not interpret the garage bay as an APEC, however, Lopers notes that the presence of a waste oil UST immediately adjacent to the garage bay does indicate that historical service, maintenance and/or repair has occurred at the Phase One Property. Off-Site PCAs were identified, however, these were not interpreted to represent any APECs for the Property based on their locations, orientations and/or distances with respect to the Property.

The 2020 Paterson Phase I ESA referenced a Phase I-II ESA completed by Paterson in 2010 at the Property. A total of six boreholes were drilled at the Site to assess the aforementioned on-Site PCAs interpreted by Paterson and to provide Site coverage for a geotechnical investigation. Soil samples collected in the vicinity of both USTs were found to have Petroleum Hydrocarbon (PHC) concentrations in excess of the Site Condition Standards. One groundwater monitoring well was installed at the Property as part of the referenced 2010 Paterson Phase I-II ESA. The monitoring well was installed in the vicinity of the diesel fuel UST and was found to have PHC concentrations in excess of the Site Condition Standards.

Paterson recommended that a Phase II ESA be completed to further investigate and delineate the vertical and lateral extent of soil and groundwater contamination.

The following PCAs were identified as part of the 2020 Paterson Phase I ESA:

- The presence of a diesel fuel UST and fuelling station is considered to represent PCA #1 associated with the O.Reg. 153/04 PCA: Gasoline and Associated Products Storage in Fixed Tanks. This PCA #1 represents APEC #1 for the Phase One Property.
- The presence of a service garage and waste oil UST are considered to represent PCA #2 associated with the O.Reg. 153/04 PCAs: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems and Gasoline and Associated Products Storage in Fixed Tanks. This PCA #2 represents APEC #2 for the Phase One Property.
- The suspected presence of poor quality fill material at the Site was noted by Paterson in the 2020 Phase I ESA. The fill material represents PCA #3 and is associated with the

O.Reg. 153/04 PCA: Importation of Fill Material of Unknown Quality. This represents APEC #3 for the Phase One Property.

Lopers notes that Paterson's 2020 Phase I ESA report stated that "the Site inspection revealed the presence of the decommissioned UST and ASTs and fuelling system". Lopers notes that the fuelling system had been decommissioned by 2021, however, there were 2 USTs in place.

2020 Phase II - Environmental Site Assessment by Paterson (2020 Paterson Phase II ESA)

The 2020 Phase II - Environmental Site Assessment (2020 Paterson Phase II ESA) was completed to assess and provide delineation of the APECs identified during the 2020 Paterson Phase I ESA, namely, the vertical and lateral extent of soil and groundwater contamination in the vicinity of the USTs, former AST, former fuelling operations and historic fill placement. The 2020 Paterson Phase II ESA was supplemented with the soil and groundwater analytical results from the 2010 Paterson Phase I-II ESA. A total of six soil samples (2 – 2010 samples and 4 – 2020 samples) were submitted for laboratory analysis for a combination of PHCs, benzene, toluene, ethylbenzene and xylenes (BTEXs), polycyclic aromatic hydrocarbons (PAHs) and/or metals. The 2010 sample results had PHC exceedances, while two of the 2020 soil sample results had PAH concentrations in excess of the Site Condition Standards. Paterson reported a total of three groundwater sample results (1 – 2010 sample and 2 – 2020 samples), which were submitted for laboratory analysis of PHCs and volatile organic compounds (VOCs). The groundwater sample from 2010 in the vicinity of the USTs had an exceedance of the Site Condition Standards for PHCs, however, all other groundwater samples reported by Paterson in 2020 were in compliance with the Site Condition Standards. Paterson recommended completing a soil and groundwater remediation program in conjunction with the planned redevelopment of the Phase One Property. The groundwater levels were reported to be between 4.3 and 4.6 m below ground surface (m BGS) in 2 of the monitoring wells installed as part of the 2020 Paterson Phase II ESA.

Lopers notes that the 2020 Paterson Phase II ESA did not involve any physical investigation in vicinity of the APECs associated with the USTs, former ASTs or fuelling area. Furthermore, no vertical delineation was undertaken in these areas, which was a recommendation provided in the 2020 Paterson Phase I ESA.

2020 Remedial Action Plan by Paterson (2020 Paterson RAP)

The 2020 Paterson RAP summarized the findings of the 2020 Paterson Phase I ESA and Phase II ESA reports. The RAP stated that PAH impacted soil fill material had been identified on the east and south portions of the Property. The 2020 Paterson RAP also identified the presence of PHC impacted soil and groundwater in the vicinity of the diesel UST and PHC impacted soil associated with the waste oil UST.

Paterson estimated that the impacted fill was limited to from 0.9 to 2.0 m BGS (i.e. 1.1 m in thickness) in the locations of former building footprints at the Property. Paterson estimated that the PHC impacts associated with the USTs were limited to the immediate vicinity of the UST

nests, with an expected depth of impact extending down to approximately 4.5 m BGS, based on sampling completed at BH3-10.

Paterson proposed a bulk soil excavation program, with off-Site disposal, to remediate the PAH and PHC impacted soil. Pumping and off-Site disposal of any contaminated groundwater was also proposed as part of Paterson's recommended remediation approach. An estimate of 10,000 metric tonnes (m.t.) of PAH impacted fill material and 10,000 m.t. of PHC impacted soil was estimated. An estimate of 100,000 L of PHC impacted groundwater was estimated for removal during remediation.

2020 Geotechnical Investigation by Paterson (2020 Paterson Geotech)

The 2020 Paterson Geotech was completed to assess the Site for redevelopment with the proposed concept for construction to include several low to mid-rise commercial and office buildings and two high-rise residential buildings. The previous proposed concept included two levels of underground parking, which would occupy a footprint of the majority of the Site.

The 2020 Paterson Geotech involved the placement of three new boreholes, advanced to bedrock; these boreholes were the same as those drilled as part of the 2020 Paterson Phase II ESA. The 2020 Paterson Geotech also included review of existing borehole information from a 2010 environmental investigation (6 boreholes) and a 1971 geotechnical investigation (5 boreholes).

The soil conditions were generally reported to consist of asphalt and granular base material near surface. A layer of fill, extending to approximate depths ranging from 0.6 to 2.3 m BGS was encountered below the pavement structure. The fill was generally observed to consist of a compact brown silty sand with crushed stone and occasional brick, metal, and plastic fragments. Below the fill material, a layer of native silty sand layer and/or silty clay deposit was encountered. The silty clay deposit was observed to consist of a very stiff to stiff, brown silty clay, becoming a stiff grey silty clay below an approximate depth ranging between 3.0 to 7.6 m BGS. A glacial till deposit was encountered at depths ranging from 4.4 to 9.7 m, below the silty clay. The glacial till deposit was observed to consist of a grey sandy silt, clayey silt or silty clay with gravel, cobbles and boulders.

The interpreted bedrock surface was determined through practical refusal to augering or through direct cone penetration test (DCPT) and was encountered at depths ranging from 7.4 to 11.7 m BGS.

b) Environmental Source Information

A review of the readily available environmental source information records was completed as part of this Phase One ESA.

As part of environmental source information review, a review of a recently completed Environmental Risk Information Systems (ERIS), who completed a search of their records of

environmental data bases at the Site, was conducted. The pertinent search results to this Phase One ESA are presented in the following subsections. A copy of the ERIS database search dated September 2, 2020 is included as Appendix D.

National Pollutant Release Inventory

The National Pollutant Release Inventory (NPRI) is a database maintained by Environment and Climate Change Canada (ECCC). Reporting of releases of pollutants into the natural environment are reported annually by corporations and/or their representatives and posted for public record by ECCC. Presently, data is available and posted for the years 1994 through 2017. No records were identified within 250 m of the Phase One Property during a review of the posted NPRI data on the ECCC electronic website on April 7, 2021 and the results were confirmed through a recently completed ERIS search, dated September 2, 2020.

Polychlorinated Biphenyl (PCB) Inventories

The MECP, formerly known as the Ministry of Environment and Energy, published the "Ontario Inventory of PCB Storage Sites". The inventory documented the company information, physical address, number of tonnes of liquid PCBs by region. No records were identified within 250 m of the Phase One Property during a review this document and the results were confirmed through a recently completed ERIS search, dated September 2, 2020.

The ERIS search also reviewed the National PCB Inventory, which details in use PCB containing equipment in federal, provincial and private facilities; this database was last updated in 2008. No records were identified at the Phase One Property during a review this database.

Environmental Instruments

Environmental Instruments, such as Environmental Compliance Approvals (ECAs), Certificates of Approval (CAs), Environmental Activity and Sector Registry (EASR), Environmental Registry (EBR), Permits to Take Water (PTTWs), Risk Management Plans (RMPs), and Certificates of Property Use (CPUs) are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of any such records associated with properties.

An FOI request was submitted to the MECP as part of this Phase One ESA; however, a response was not received in the timeframe permitted as part of this mandate; a copy of the FOI request is included as Appendix E. The ERIS search identified one record of an EBR listing for an environmental instrument issued to Greyhound in 2018 under the Liquid Fuels Handling Code at the Phase One Property. The activities associated with these records pertain to a private fuelling facility at the Phase One Property, which is associated with PCA #1/APEC #1.

There were listings for 9 ECAs, 7 CAs, 2 EASRs and 2 EBRs at neighbouring properties in the Phase One Study Area. The following listings have been interpreted to be associated with PCAs:

- An EASR listing for an environmental instrument was issued to Alek's Auto Body in 2012 for an Automotive Refinishing Facility at 480 Gladstone Avenue, approximately 120 m north of the Phase One Property. This record is associated with automotive service garage and represents PCA #16 associated with the O.Reg. 153/04 PCAs: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems and Commercial Autobody Shops. Because of its distance and interpreted down-gradient orientation, this PCA #16 does not represent an APEC for the Phase One Property.
- An EBR listing for an environmental instrument was issued to MacEwen Petroleum Inc. in 2008 under the Liquid Fuels Handling Code at 512 Bank Street, approximately 120 m east of the Phase One Property. This record is associated with a retail fuel outlet and represents PCA #17 associated with the O.Reg. 153/04 PCA: Gasoline and Associated Products Storage in Fixed Tanks. Because of its distance and interpreted cross-gradient orientation, this PCA #17 does not represent an APEC for the Phase One Property.

The other records of environmental instruments are not related to PCAs and do not represent APECs for the Phase One Property.

Inventory of Coal Gasification Plants

The document "Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II", produced by Intera Technologies Ltd. for the Ontario Ministry of the Environment, dated July 1988 was reviewed as part of this Phase One ESA. No records were identified within 250 m of the Phase One Property during a review of this document and the results were confirmed through a recently completed subcontracted ERIS search, dated September 2, 2020.

Environmental Records of Incidents, Orders, Offences, Spills, Discharges of Contaminants or Inspections maintained by the Ministry

Environmental records of incidents, orders, offences, spills, discharges of contaminants or inspections are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of such records associated with properties.

An FOI request was submitted to the MECP as part of this Phase One ESA; however, a response was not received in the timeframe permitted as part of this mandate; a copy of the FOI request is included as Appendix E. The ERIS search identified records of 6 spills/discharges at the Phase One Property, including:

- Sewage discharge to storm sewer in 2000;
- Spill of diesel fuel to an oil water separator in 2008;
- Spill of 50 L of diesel fuel onto asphalt in 2010;

- Spill of 4 L of diesel fuel onto asphalt in 2011;
- Spill of 60 L of diesel fuel to an oil water separator in 2011; and,
- Spill of 200 L of diesel fuel onto asphalt in 2011.

Five of these spills are associated with PCA #1/APEC #1 at the Phase One Property.

There were 19 reported spills identified at properties in the Phase One Study Area at the time of the 2020 Paterson Phase One ESA. The spills interpreted to be associated with PCAs included:

- A furnace oil spill at 477 Kent Street, 110 m north of the Property – PCA #18 associated with O.Reg. PCA: Gasoline and Associated Products Storage in Fixed Tanks.
- A furnace oil spill at 462 McLeod Street, 140 m north of the Property – PCA #19 associated with O.Reg. PCA: Gasoline and Associated Products Storage in Fixed Tanks.
- A hydraulic oil spill at 497 Lyon Street, 140 m north of the Property – PCA #19 associated with O.Reg. PCA: Gasoline and Associated Products Storage in Fixed Tanks.
- Three fuel spills at 512 Bank Street, 120 m east of the Property – PCA #17 associated with O.Reg. PCA: Gasoline and Associated Products Storage in Fixed Tanks.
- A furnace oil spill at 17 Arlington Avenue, 120 m east-northeast of the Property – PCA #20 associated with O.Reg. PCA: Gasoline and Associated Products Storage in Fixed Tanks.
- A furnace oil spill at 502 Bank Street, 140 m east-northeast of the Property – PCA #21 associated with O.Reg. PCA: Gasoline and Associated Products Storage in Fixed Tanks.
- A furnace oil spill at 45 Rosebery Avenue, 180 m south of the Property – PCA #22 associated with O.Reg. PCA: Gasoline and Associated Products Storage in Fixed Tanks.
- A fuel spill at 488 Bank Street, 150 m east-northeast of the Property – PCA #23 associated with O.Reg. PCA: Gasoline and Associated Products Storage in Fixed Tanks.

The PCAs associated with spills identified at properties in the Phase One Study Area are not considered to represent APECs for the Property based on their distances and/or orientations with respect to the Phase One Property.

Waste Management Records

Waste management records, including current and historical waste storage locations and waste generator and waste receiver information maintained pursuant to Regulation 347 of the Revised Regulations of Ontario, 1990 (General — Waste Management) made under the Act, or its predecessors are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of such records associated with properties.

An FOI request was submitted to the MECP as part of this Phase One ESA, however, a response was not received in the timeframe permitted as part of this mandate; a copy of the FOI request

is included as Appendix E. The ERIS search identified the following records of environmental waste generators at the Phase One Property.

Voyageur Colonial Ltd. or Greyhound Canada Transportation Corp., identified at the Phase One Property, were listed as generators of oil skimmings & sludges and light fuels from 1986 to 2020. The presence of these records is related to fuel storage are suspected to have been associated with the PCAs of "Gasoline and Associated Products Storage in Fixed Tanks" (PCA #1) and "Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems" (PCA #2). These PCAs #1 and #2 are considered to represent APECs #1 and #2 for the Phase One Property.

Based on historical research summarized as part of previous environmental reports, the following nine waste generator registrations were observed within 250 m of the Phase One Property and are considered to be associated with PCAs:

- Minute Car Wash Ottawa Ltd., which was identified at 270 Catherine Street, located 20 m south of the Property, was registered as a waste generator of petroleum distillates. These records are suspected to have been associated with the PCA of "Gasoline and Associated Products Storage in Fixed Tanks" (PCA #24).
- Tannis trading, which was identified at 288 Catherine Street, located 20 m south of the Property, was registered as a waste generator of petroleum-based oil/sludges and light fuels. These records are suspected to have been associated with the PCA of "Gasoline and Associated Products Storage in Fixed Tanks" (PCA #25).
- Safety Vermin Control, which was identified at 504A Kent Street, located 40 m north of the Property, was registered as a waste generator of waste oils and lubricants. These records are suspected to have been associated with the PCA of "Gasoline and Associated Products Storage in Fixed Tanks" (PCA #26).
- Ottawa-Carleton District School Board, which was identified at 28 Arlington Avenue, located 20 m east of the Property, was registered as a waste generator of several waste classes, including petroleum distillates and light fuels. These records are suspected to have been associated with the PCA of "Gasoline and Associated Products Storage in Fixed Tanks" (PCA #27).
- Rentalex Limited, which was identified at 320 Catherine Street, located 30 m southwest of the Property, was registered as a waste generator of several waste classes, including petroleum distillates and light fuels. These records are suspected to have been associated with the PCA of "Gasoline and Associated Products Storage in Fixed Tanks" (PCA #28).
- Maninvest Inc. and Cima Canada Inc., which were identified at 240 Catherine Street, located 70 m east-southeast of the Property, were registered as a waste generator of several waste classes, including oil skimmings & sludges and waste oils and lubricants. These records are suspected to have been associated with the PCA of "Gasoline and Associated Products Storage in Fixed Tanks" (PCA #29).

- Allsport Rentals and Sales, which was identified at 512 Bank Street, located 130 m east of the Property, was registered as a waste generator of petroleum distillates and light fuels. These records are suspected to have been associated with the PCA of "Gasoline and Associated Products Storage in Fixed Tanks" (PCA #17).
- LJ Riopelle, which was identified at 510 Bank Street, located 140 m east of the Property, was registered as a waste generator of light fuels. These records are suspected to have been associated with the PCA of "Gasoline and Associated Products Storage in Fixed Tanks" (PCA #17).
- Ottawa Mountain Masters Ltd., which was identified at 519 Bank Street, located 180 m east of the Property, was registered as a waste generator of light fuels. These records are suspected to have been associated with the PCA of "Gasoline and Associated Products Storage in Fixed Tanks" (PCA #17).

None of the aforementioned off-Site waste generator registrations have been interpreted to represent APECs for the Phase One Property based on their distances/orientations with respect to the Property.

The locations of all PCAs are depicted on Figure 3: Surrounding Land Use and are summarized in Table 8 in Section 7. (b).

MECP Property Specific Reports

Reports submitted to the Ministry related to environmental conditions are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of such records associated with properties.

An FOI request was submitted to the MECP as part of this Phase One ESA; however, a response was not received in the timeframe permitted as part of this mandate; a copy of the FOI request is included as Appendix E. The ERIS search did not identify any records of environmental reports at the Phase One Property.

Technical Standards and Safety Authority

Records of retail fuel storage tanks, retail fuel outlets, spills, releases, and other associated information is maintained by the Technical Standards and Safety Authority (TSSA). These records can be obtained through electronic communications with the TSSA. The subcontracted ERIS search also confirms the filing of such records associated with properties.

The TSSA was contacted by email to complete a search of available records associated with the current property address and addresses of surrounding properties with historical environmental listings (based on other historical research). The TSSA response, received on August 16, 2021, identified the presence of two abandoned USTs, an abandoned gasoline service station, an

inactive UST and an expired private fuel outlet. The TSSA records for the Property are associated with PCA #1/APEC #1 at the Property.

There were also records of four expired USTs and an expired gasoline station at the neighbouring property 270 Catherine Street, approximately 20 m south of the Phase One Property. These records are associated with PCA #24. A copy of the TSSA response is included as Appendix F.

The subcontracted ERIS search identified the following additional records of private and retail fuel storage tanks and/or historic incidents at neighbouring properties in the Phase One Study Area. The property at 512-520 Bank Street, approximately 120 m east of the Phase One Property, was identified with retail fuel storage tanks and a gasoline station; these records are associated with PCA #17.

Registry Filings

Records of notices and instruments, including records of site condition (RSC), which have been posted in the environmental registry, are maintained by the MECP. These records can be reviewed electronically on the MECP Environmental Site Registry (ESR) website. The subcontracted ERIS search also confirms the filing of such records associated with properties. The website was reviewed for RSCs filed at the Phase One Property and in the Phase One Study Area; no RSCs have been filed for the Phase One Property.

Two RSCs have been filed at properties in the Phase One Study Area, including:

- 486 Gladstone Avenue, approximately 200 m north; and,
- 400 McLeod Street, approximately 150 m northeast.

RSC filings at these properties and the associated available records do no indicate the presence of PCAs at these properties.

Areas of Natural and Scientific Interest

Records of areas of natural and scientific interest (ANSIs) formerly referred to as areas of natural significance, are maintained by the Ministry of Natural Resources and Forestry (MNRF), and are available for review on the Ontario GeoHub website. The website was reviewed on June 14, 2021 for records of ANSIs in the Phase One Study Area. There were no ANSIs identified within 250 m of the Phase One Property.

Current and Historical Landfills

Records of historical and operating landfills is maintained by the MECP. The document "Waste Disposal Site Inventory", produced by the Ontario Ministry of the Environment, dated June 1991 was reviewed as part of this Phase One ESA. The City of Ottawa contracted Golder Associates Ltd. to conduct an inventory and assessment of former waste disposal sites in within the City of Ottawa. The document "Old Landfill Management Strategy, Phase 1 – Identification of Sites, City

of Ottawa, Ontario", produced by Golder Associates Ltd., finalized October 2004, was reviewed as part of this Phase One ESA. Two closed landfill sites were identified in the Phase One Study Area. The available information for the MECP and City of Ottawa documents for these two former landfills included:

- Chamberlain Avenue (and Lyon Avenue), Site ID X1097, approximately 150 m southeast, closed in 1940 and was classified as "A5: Potential Human Impact – Urban Municipal/Domestic Waste. The presence of this former waste disposal site is associated with the PCA of "Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners" (PCA #8).
- Central Park, Site ID X1102, approximately 160 m south, closed in 1920 and was classified as "A5: Potential Human Impact – Urban Municipal/Domestic Waste. The presence of this former waste disposal site is associated with the PCA of "Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners" (PCA #24).

Both of these former landfills are located significant distances from the Phase One Property and are not considered to constitute APECs for the Property.

No records of active landfill sites were identified within 250 m of the Phase One Property during a review of this document.

City of Ottawa Historical Land Use Inventory

The City of Ottawa's Planning, Infrastructure and Economic Development department was contacted to complete a search of the Historical Land Use Inventory (HLUI) maintained by the City. Through the HLUI response, received on July 14, 2021, Lopers interpreted that there was one activity (of environmental significance) associated with the Phase One Property and there were various activities at neighbouring properties in the Phase One Study Area, including:

Table 4: Potentially Contaminating Activities Identified during HLUI Review

Plan Reference No.	PCA	Address	Orientation	APEC (Y/N)
1	USTs and fuelling outlet	265 Catherine Street	On-Site	Y
4	Gasoline Service Station, Automotive Garage & UST	260 & 270 Catherine Street	20 m south	N
7	City Asphalt Plant	Current Location of Highway 417 (formerly 85,91,97 Chamberlain Avenue)	110 m south	N
8	Landfill	Chamberlain Avenue @ Lyon Avenue	150 m southeast	N
10	Dry Cleaners	30-32 Chamberlain Avenue	150 m south	N
14	UST	370 Catherine Street	170 m west-southwest	N

Plan Reference No.	PCA	Address	Orientation	APEC (Y/N)
16	Automotive Garage and Autobody	480 Gladstone Avenue	200 m north	N
17	Gasoline Service Station, Automotive Garage & UST	512 Bank Street & 223-235 Catherine Street, 502 & 524 Bank Street	120 m east	N
21	UST	5 Arlington Avenue	180 m south	N
23	Autobody Shop	488 Bank Street	150 m east-southeast	N
24	Landfill	Central Park, Patterson Creek Infill	160 m south	N
27	UST	28 Arlington Avenue	20 m east	N
28	Automotive Garage	328-330 Catherine Street	30 m southwest	N
29	Gasoline Service Station & UST	234-240 Catherine Street	70 m east-southeast	N
30	UST	340 Catherine Street	60 m west-southwest	N
31	UST	350 Catherine Street	90 m west-southwest	N
32	UST	200 Catherine Street	180 m southeast	N
33	Automotive Garage	430 Gladstone Avenue	220 m north-northeast	N
34	UST	508 Gladstone Avenue	210 m north-northwest	N
35	Dry Cleaners, Automotive Garage & UST	37 Flora Avenue & 478 Bank Street	180 m northeast	N
36	UST	379 Catherine Street	190 m west	N
37	UST	288 Catherine Street	20 m south	N
38	Gasoline Service Station, Automotive Garage & UST	473-475 Bank Street	200 m northeast	N
39	UST	507 Bank Street	180 m east-northeast	N
40	UST	254 Argyle Avenue	240 m east	N
41	Automotive Garage	464 Bank Street	200 m northeast	N
42	UST	205 Catherine Street	200 m east	N
43	Automotive Garage	406 Gladstone Avenue	220 m north-northeast	N
44	Automotive Garage	280 Catherine Street	20 m south	N
45	Autobody	84 Flora Street	110 m northeast	N
46	Dry Cleaners	594 Bank Street	225 m southeast	N
47	Wholesale Fuel Outlet	556 Bank Street	150 m southeast	N

Additional activities were identified at properties in the HLUI study area; however, these activities were not interpreted to have been associated with PCAs. With the exception of the listings at the Phase One Property, none of the identified listed 'activities' at neighbouring

properties were considered to represent APECs during a review of the HLUI. A copy of the HLUI response letter is included in Appendix G.

Mapping and Assessment of Former Industrial Sites

The City of Ottawa contracted Intera Technologies Ltd. to conduct an inventory and assessment of former industrial sites in within the City of Ottawa. The document "Mapping and Assessment of Former Industrial Sites, City of Ottawa", produced by Intera Technologies Ltd., finalized July 1988, was reviewed as part of this Phase One ESA. Based on the mapping provided, eight former industrial sites and two landfills were identified at neighbouring properties within in the Phase One Study Area, which are presented in Table 5 below.

Table 5: Potentially Contaminating Activities Identified during Intera Review

Plan Reference No.	PCA (Intera Site ID)	Address	Orientation	APEC (Y/N)
7	City Asphalt Plant (No. 28)	Northwest Junction of Chamberlain and Lyon	110 m south	N
8	Chamberlain Landfill (L17)	Chamberlain Avenue @ Lyon Avenue	150 m southeast	N
24	Central Park Landfill (L22)	Central Park, Patterson Creek Infill	160 m south	N
30	Metal Works Industry (National Manufacturing Ltd. – No.43)	South Side Catherine, between Bay and Lyon	60 m west-southwest	N
33	Progressive Printers – No. 39	430 Gladstone Avenue	220 m north-northeast	N
41	Beach Motors – No. 37	474 Bank Street	200 m northeast	N
47	Petroleum Industry (Queen City Oil Co. – No. 32)	Northwest Corner of Chamberlain and Bank	150 m southeast	N
48	Petroleum Industry (Samuel Rogers Oil Co. – No. 33)	Bank Street, west of Isabella	190 m southeast	N
49	Flora Printers – No. 38	45 Flora Street	170 m northeast	N
50	Standard Paving Ltd. (No. 36)	Southwest Corner of Catherine and Bank	120 m east-southeast	N

None of the identified listed 'activities' at neighbouring properties were considered to represent APECs during a review of the Mapping and Assessment of Former Industrial Sites, based on the distances and/or orientations of these sites relative to the Phase One Property.

c) Physical Setting Sources

i. Aerial Photographs

Aerial Photographs were reviewed for the Phase One Property and Phase One Study Area from available sources as part of the historical review. Aerial photographs were reviewed from historical research previously completed in the Phase One Study Area, Google Earth Aerial

Imagery and from the City of Ottawa's geoOttawa GIS tool. Aerial Photographs were reviewed over the period of 1928 through 2019, which depict development at the Phase One Property. A summary of the information gleaned from the aerial photographs is provided below. Copies of the aerial photographs reviewed are provided in Appendix H.

1928 Aerial Photograph

The Phase One Property is developed with what appear to be single family residential dwellings on the north portion of the Property and rows of townhouses on the west portion of the property. The east portion of the property appears to be occupied by larger residential buildings, while the south-central portion of the Property is occupied for what appears to be commercial purposes. The present-day Catherine Street Right-of-Way runs along the south limit of the Phase One Property, while Arlington Avenue, Kent Street and Lyon Street Right-of-Ways are present to the north, east and west of the Property, respectively. The properties to the south of Catherine Street appear to be used for industrial purposes, while a railway line (PCA #5) is present to the south of these properties, where the present Highway 417 runs. Land use to the north and east of the Phase One Property appears to be primarily residential use, while an interpreted institutional property was observed to the east.

1958 Aerial Photograph

No significant changes appear to have been made to the Phase One Property. The neighbouring properties to the south of Catherine Street have been developed with additional commercial/industrial uses. No other significant changes appear to have been made to the neighbouring properties in the Phase One Study Area. The railway line is still present where the Highway 417 now is.

1965 Aerial Photograph

No significant changes appear to have been made to the Phase One Property. The neighbouring properties to the south of Catherine Street have undergone commercial redevelopment. The former railway, approximately 70 m south of the Property, has been removed and the present-day Highway 417 has been constructed in its place. No other significant changes appear to have been made at the Phase One Property or at the neighbouring properties in the Phase One Study Area.

1969 Aerial Photograph

No significant changes appear to have been made to the Phase One Property or at the neighbouring properties in the Phase One Study Area.

1976 Aerial Photograph

The Phase One Property has been redeveloped with the Central Bus Terminal. The neighbouring property to the southeast of the Catherine Street and Kent Street intersection has been redeveloped with a commercial office building. The retail fuel outlet (PCA #17) to the northwest

of the Catherine Street and Bank Street intersection, approximately 120 m east of the Property is evident. No other significant changes appear to have been made at the Phase One Property or at the neighbouring properties in the Phase One Study Area.

1991 Aerial Photograph

No significant changes appear to have been made to the Phase One Property. The neighbouring property to the east of Kent Street has been redeveloped with the present day institutional building. Several of the commercial/industrial buildings to the southwest of the Catherine Street and Lyon Street intersection have been demolished. No other significant changes appear to have been made at the Phase One Property or at the neighbouring properties in the Phase One Study Area.

1999 Aerial Photograph

Some commercial redevelopment is apparent to the southwest of the Catherine Street and Lyon Street intersection No significant changes appear to have been made at the Phase One Property or at the other neighbouring properties in the Phase One Study Area.

2011 Aerial Photograph

No significant changes appear to have been made at the Phase One Property or at the neighbouring properties in the Phase One Study Area.

2019 Aerial Photograph

No significant changes appear to have been made at the Phase One Property or at the neighbouring properties in the Phase One Study Area.

Summary

The presence of historical residential and commercial buildings present at the Phase One Property was observed from at least 1928 to 1969. These structures were demolished prior to redevelopment of the Property in 1973; historical demolition and backfilling practices have included backfilling foundations with demolition debris and other fill materials of unknown environmental quality. Several of these structures are located outside of the current building footprint and are suspected to have remnant demolition materials and/or other poor environmental quality fill material within their historic footprints. The suspected presence of poor quality fill material at the Site was previously also noted by Paterson in the 2020 Phase I ESA. The fill material represents PCA #3 and is associated with the O.Reg. 153/04 PCA: Importation of Fill Material of Unknown Quality. This represents APEC #3 for the Phase One Property.

A historic railway line approximately 70 m south, previously identified, represents PCA #5. A retail fuel outlet, approximately 120 m east, previously identified, represents PCA #7. The land

use associated with these PCAs is evident as early as 1928 as observed through historical aerial photographs.

ii. Topography, Hydrology, Geology

The Ontario Ministry of Natural Resources and Forestry's (MNRF's) Topographic Map GIS website was used to produce a topographic map showing the location of the Phase One Property, nearby water bodies and the regional topography of the Phase One Study Area. A copy of the Topographic Map is provided in Appendix I. The regional topography in the Phase One Study Area generally slopes downward to the north and northeast. The Phase One Property is generally at grade with the neighbouring properties. Off-site there is a local depression to the southeast, where Kent Street crosses Highway 417 via an underpass. The nearest surface water body identified on the mapping is Patterson Creek, located approximately 560 m southeast of the Phase One Property. The Rideau Canal (man made) is present approximately 850 m east of the Property. The Ottawa River is located approximately 1.8 km north of the Phase One Property.

Information on the regional surficial soil was obtained from the Geological Survey of Canada map 1425A titled Surficial Materials and Terrain features Ottawa Hull. Based on a review of the map, the natural soil conditions in the Phase One Study Area consist of "Glacial Deposits of till, heterogeneous mixture of material ranging from clay to large boulders, generally downwards into unmodified till; surface generally modified by wave or river action; topography flat to hummocky".

Information on the regional bedrock was obtained from the Ontario Geological Survey Map P2716 titled 'Paleozoic Geology Ottawa Area'. Based on a review of the map, the Phase One Study Area is underlain by Limestone bedrock of the Lindsay Formation, described as a "sublithographic to fine crystalline dolostone, nodular in parts, with interbeds of calcarenite and shale".

Well records and borehole logs, obtained from the MECP Water Well Records database, the subcontracted ERIS search and from historical investigations at the Phase One Property were reviewed. Based on these records, the general stratigraphy of the Phase One Property and Phase One Study Area consists of sand and gravel fill, underlain by silty clay, followed by silty sand and gravel (till). The overburden soil is underlain by interbedded limestone and/or shale bedrock, which was encountered at approximately 8 to 12 m below ground surface.

iii. Fill Materials

The presence of historical residential and commercial buildings present at the Phase One Property was observed from at least 1928 to 1969. These structures were demolished prior to redevelopment of the Property in 1973; historical demolition and backfilling practices have included backfilling foundations with demolition debris and other fill materials of unknown environmental quality. Several of these structures are located outside of the current building

footprint and are suspected to have remnant demolition materials and/or other poor environmental quality fill material within their historic footprints. The suspected presence of poor quality fill material at the Site was previously also noted by Paterson in the 2020 Phase I ESA and was confirmed in the 2020 Paterson Phase II ESA. The fill material represents PCA #3 and is associated with the O.Reg. 153/04 PCA: Importation of Fill Material of Unknown Quality. This represents APEC #3 for the Phase One Property.

The Phase One Property was observed to generally be at grade with the neighbouring properties. The Property was developed with the present day bus terminal building and paved asphalt parking areas. Granular base fill material is expected to have been used as part of construction of the aforementioned features; this fill type is not considered to represent a PCA, as gravel does not meet the definition of soil. It is not suspected that any poor environmental quality fill material is present in the existing building footprint, which has a basement level.

iv. Water Bodies and Areas of Natural Significance & Ground Water Information

The nearest surface water body identified on the mapping is Patterson Creek, located approximately 560 m southeast of the Phase One Property. The Rideau Canal (man made) is present approximately 850 m east of the Property. The Ottawa River is located approximately 1.8 km north of the Phase One Property. There were no areas of natural and scientific interest (ANSIs or areas of natural significance) identified in the Phase One Study Area.

The Phase One Property and Study Area are not located in the vicinity of any well-head protection areas or other designation identified by the City of Ottawa in its official plan for the protection of ground water. The Phase One Study Area is serviced by municipally treated drinking water. No private or agricultural water supply wells are located within the Phase One Study Area.

v. Well Records

Well records and borehole logs, obtained from the MECP Water Well Records database, the subcontracted ERIS search and from historical investigations at the Phase One Property were reviewed. No water supply wells were identified at the Property or in the Phase One Study Area.

The Phase One Study Area is located in an older urban core of the City of Ottawa has been historically provided with municipally treated potable water and as such it is not suspected that any potable water wells are present in the Phase One Study Area.

Monitoring well clusters were identified in the Phase One Study Area. Based on these records, the general stratigraphy of the Phase One Property and Phase One Study Area consists of sand and gravel fill, underlain by silty clay, underlain by limestone bedrock. The approximate depth to bedrock is expected to range from 8 to 12 m below ground surface (m BGS), with a groundwater table at approximately 2 to 5 m BGS.

vi. Site Operating Records

Lopers was not provided any Site Operating Records from historical operations conducted at the Phase One Property as part of this assessment. The Property had been vacated by the bus terminal ownership, which had limited operations since March 2020 and ceased operations June 1, 2021. Records had been removed and were not provided for review.

Based on historical investigations the Phase One Property was historically operated as bus terminal with an associated fuel storage tank and dispensing equipment and bus servicing (repair garage) and an associated waste oil storage tank. The presence of former fuel storage tanks and a service garage are associated with the PCAs of "Gasoline and Associated Products Storage in Fixed Tanks" (PCA #1) and "Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems" (PCA #2). These PCA #1 and PCA #2 are considered to represent APEC #1 and APEC #2, respectively for the Phase One Property.

Since it is known that there was fuel dispensing and storage and a service garage on the Phase One Property and these are PCAs and are considered to represent APEC #1 and APEC #2, respectively, the absence of any such historical records from the former construction equipment rental business and/or service garage at the Property is not expected to change the findings or the conclusions of this assessment.

5. Interviews

An in-person interview was completed on the day of the Site Investigation (June 2, 2021) with a Property management representative for the former ownership group of the Site; the management representative had been familiar with the property and operations since the 1980's. Mr. Philip Thibert, P.Eng., Project Manager – Land Development and Infrastructure for Brigil Construction was also present during the Site inspection and was interviewed. Mr. Thibert has been familiar with the Phase One Property since at least 2020.

The property management representative stated that the Site building had been used for commercial purposes since redevelopment in the 1970's. The representative stated that various bus lines had operated at the Phase One Property since the 1970's and operations included cleaning, fuelling and servicing buses. Servicing was reportedly carried out in the service bay, in the northeast portion of the building. Fuelling of buses historically occurred to the northwest of the service bay, where a fuel pump and UST were located. The representative stated that the fuel pump was removed in 2020, however, the status of the diesel UST was not known (although it was noted to still be present). The representative stated that there had been a historical UST for waste oil to the southeast of the service bay, however, she was unaware of its current status. The representative stated that a historical exterior aboveground storage tank (AST) was present

to the south of the service bay, which provided fuel to a generator inside the service bay; this AST had been removed from the Property and based on observations during the Site Investigation, the generator had not been used in several years.

The representative stated that a renovation of the shipping and receiving area in the northwest portion of the building was undertaken in the mid 1980's. The management representative stated that former building tenants were responsible for their own fit-ups and made intermittent renovations of their commercial units. The representative stated that no significant renovations had been made to the common areas of the building.

Mr. Thibert stated that Brigil had purchased the Property with the intent for residential redevelopment. Mr. Thibert stated that Brigil was aware of the historical fuelling operations at the Property but had not been provided with any documentation regarding the decommissioning of the USTs or AST at the Property. Mr. Thibert stated that there had been no reported spills or environmental concerns since Brigil's purchase of the Property.

An interview was completed by Paterson with the previous Property owner at the time of the 2020 Paterson Phase I ESA. The interview, as summarized in the 2020 Paterson Phase I ESA is as follows:

- "*Mr. Peter Crosthwaite of Crerar Silverside Corporation, the current property owner, was interviewed as part of the assessment. Based on the information provided by Mr. Crosthwaite, the Central Station Bus Terminal has been in operation since 1973. The Central Bus Station consisted of a general bus terminal, small café, a garage bay, which was used as a wash-bay for the bus fleet, and an inactive fuel UST. Mr. Crosthwaite confirmed the locations of the former AST and USTs onsite. Mr. Crosthwaite is not aware of any other potential environmental concerns aside from the previously discussed issues in the Previous Engineering Reports Section and the correspondence with the TSSA*."

The presence of a private fuel outlet and associated UST represents PCA #1 and is interpreted as APEC #1 at the Phase One Property. The presence of a service bay (garage), associated historical AST and suspected UST represents PCA #2 and is interpreted as APEC #2 at the Phase One Property. The information gleaned through interviews is consistent with other information sources reviewed as part of this Phase One ESA and information gleaned from the interviews is considered to be valid.

6. Site Reconnaissance

a) General Requirements

The Phase One Site Investigation was completed on May 19, 2021 between the hours of 11:00 AM and 2:30 PM. Weather conditions were sunny with an ambient air temperature of approximately 30 degrees Celsius. The Phase One Property was occupied by a vacant commercial building at the time of the Site Investigation. The Site Investigation was completed by Mr. Luke Lopers, who is a registered Professional Engineer (Environmental) in the province of Ontario and a Qualified Person (QP) for Environmental Site Assessments, and has been conducting Phase I/One Environmental Site Assessments and environmental reconnaissance since 2006. Mr. Lopers was accompanied by Mr. Philip Thibert, Project Manager – Land Development and Infrastructure for Brigil Construction.

Photographs were taken of the exterior of the Phase One Property and on the interior of the building. A copy of the Photographic Log and written descriptions of the photos are provided in Appendix J.

b) Specific Observations at Phase One Property

The Phase One Property was occupied with a multi-unit commercial building at the time of the Site Investigation. The building is generally a single storey building with a basement level, with a partial second storey on the east portion of the building. There is a partial mezzanine level on in the northeast portion of the building, which was used as a dispatch office for buses. The exterior of the building is finished with brick or metal siding, has a flat roof with a bituminous membrane and steel or glass doors.

The building was vacant at the time of the Site Investigation and had most recently been used as the Ottawa central bus terminal. The second storey appeared to have been used as office space, while a restaurant, conference centre and various other commercial spaces were present on the ground level. The majority of the ground level was used by the bus terminal operators, for arrival/departure gates, offices, and washrooms. There was a shipping and receiving and storage bays in the west portion of the building.

A service/garage bay was present in the northeast portion of the building. The service bay was reportedly most recently used for cleaning and washing of buses, however, historic maintenance and repair operations are evident. There was a 2-stage oil/water separator in the service bay, which was approximately 1.2 m by 1.2 m; the separator was filled with an oily water mixture, so a depth was not determined. A diesel fuelled generator was present on the interior of the service bay; based on its condition, this generator had not been in operation in several years. A former AST, historically used to store fuel for the generator, was reported to have been present to the

south of the service bay; the former location was evident based on interpreted mounting bracket holes and paint discolouration on the exterior building wall.

An underground storage tank was present on the exterior, to the south of the service bay. The UST has a volume of 4,540 L (as reported by the TSSA) and it is suspected to be steel. This UST was used to store waste oil; the fill cap was removed, and the UST was found to be partially full of an oil/water mixture. The UST did not appear to have been accessed in several years, as the fill cap was present in a landscaped area which was heavily overgrown with shrub vegetation. According to records provided by the TSSA, a pressure test was completed on the UST as recently as 2017 and the test result was a pass.

An additional underground storage tank was present on the exterior, to the north of the service bay. Based on available records from the TSSA, the volume of the UST is 45,400 L. This UST was used to store diesel fuel for on-Site refueling of buses. The majority of the contents of UST had been removed at the time of the Site Investigation. The associated fuel dispensing equipment had been decommissioned prior to the Site Investigation. According to records provided by the TSSA, a pressure test was completed on the UST as recently as 2018 and the test result was a pass.

A sump was identified in the northeast portion of the basement of the building. The sump extended approximately 1.8 m below the floor slab and had some standing water at the time of the Site Investigation. There were no odours or sheen observed on the water in the sump, which discharges to the municipal sanitary sewer system.

No potable water wells were observed at the Phase One Property during the Site Investigation. The Phase One Property is provided with potable water by the City of Ottawa through an underground connection from Arlington Avenue to the north of the building.

Underground utility corridors for sanitary and storm sewers, potable water, private electricity and natural gas lines lead to the building, generally from Catherine Street to the south or from Arlington Avenue to the north.

The building was heated with natural gas fired furnaces and or heating, ventilating and air conditioning units. These units were situated on the roof of the building. There were no details regarding former heating and cooling systems, including historical fuel sources for historical buildings at the Phase One Property, however, given the initial date of development of the Property (early 1900's), it is suspected that the former residential and commercial buildings, which were present across the Property, may have been historically heated using furnace oil.

Minor staining was observed on the floors of the service bay and on the concrete surfaced area surrounding the diesel UST. The staining in the service bay is typical of mechanical service operations. There have been several historical reported fuel spills at the Property, which are expected to have contributed to the exterior staining.

The building was connected to the City of Ottawa municipal sanitary sewer system. There were no leaching beds observed at the Phase One Property as part of the Site Investigation. A septic holding tank was present on the north portion of the Property, to the northwest of the diesel UST. The holding tank was historically used to transfer human waste from bathrooms onboard buses to the municipal sanitary sewer system. No investigation of the dimensions or contents of the septic holding tank was completed at the Site Investigation.

Approximately 50% of the Phase One Property is developed with the former bus terminal building, while the majority of the remainder of the Property is surfaced with asphalt. Small landscaped areas are present to the east and south of the building. No stressed vegetation was observed.

There were no current or former railway lines, tracks or spurs identified at the Phase One Property. A historic rail line was present in the current location of Highway 417, approximately 70 m south of the Phase One Property.

The presence of a diesel fuel storage UST and historic fuelling equipment for operation of a private fuel outlet are associated with the O.Reg. 153/04 PCA of "Gasoline and Associated Products Storage in Fixed Tanks" (PCA #1).

The historic operation of a service garage, the presence of a waste oil UST and a historic diesel AST are associated with the O.Reg. 153/04 PCAs "Gasoline and Associated Products Storage in Fixed Tanks" and "Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems" (PCA #2).

These PCAs #1 and #2 are considered to represent APECs #1 and #2 for the Phase One Property.

i. Enhanced Investigation Property

The Phase One Property historically operated as a service garage and had a bulk fuel dispensing facility. The Phase One Property is hence an enhanced investigation property.

The service garage was inferred to have been constructed in 1973, with the associated construction of the central bus terminal building at that time. The service garage was used for servicing and performing general mechanical maintenance on buses. An oil/water separator was observed in the service bay, which is expected to drain to the municipal sanitary sewer system. A generator was present on the interior of the service bay. No strip drains or other ancillary equipment was observed in the service bay.

As the building was vacant at the time of the Site Investigation, there were no hazardous products stored on the Phase One Property; however, it is suspected that new motor oil and other chemicals associated with regular maintenance and servicing would have been historically stored at the Property.

There were two UST present at the Phase One Property at the time of the Site Investigation; a diesel UST and a waste oil UST. A historical diesel AST for the generator was also reported.

c) Land Use Observations of the Phase One Study Area

Properties in the Phase One Study Area were reviewed from publicly accessible Rights-of-Way as part of the Site Investigation on May 19, 2021. Uses of these lands were noted and any potential presence of PCAs was also assessed. Neighbouring land uses were recorded as follows:

North: Arlington Avenue, followed by residential dwellings.

East: Kent Street, followed by an institutional property (Glashan Public School), followed by commercial businesses.

South: Catherine Street, followed by commercial properties, followed by Highway 417, followed by commercial and residential properties.

West: Lyon Street, followed by residential dwellings.

Neighbouring land uses are shown on Figure 3: Surrounding Land Use. The following PCAs were observed during the review of land use in the Phase One Study Area:

- An autobody shop (PCA #16) was observed at 474-480 Gladstone Avenue, approximately 200 m north of the Phase One Property.
- A retail fuel outlet (PCA #17) was observed at 512 Bank Street, approximately 120 m east of the Phase One Property.
- An automotive service garage (PCA #33) was observed at 426 Gladstone Avenue, approximately 220 m north-northeast of the Phase One Property.

The current uses of the neighbouring properties are not considered to represent any APECs for the Phase One Property.

7. Review and Evaluation of Information

a) Current and Past Land Use

The current and past land use of the Phase One Property, dating back to the first developed use, is provided in Table 6 below.

Table 6: Current and Past Land Use

Year	Name of Owner	Description of Property Use	Property Use	Other observations from historical sources
1878 - 1901	Individuals	Interpreted to have been agricultural purposes and was undeveloped.	Agricultural or other use	No records of occupied use of the Property were available during a review of the Street Directories, reviewed as part of a historical Phase I ESA.
1901 - 1903	Individuals	Interpreted to have been used for residential purposes.	Residential Use	A previous Phase I ESA identified the first developed use of the Site for residential purposes in 1901.
1903 - 1960	Individuals (north, east and west portions) & Barrett Family (south-central portion)	The north, east and west portions of the Phase One Property are developed for residential use. The south-central portion of the Phase One Property has been developed with the former Barrett Brothers Lumber Yard.	Residential Use and Commercial / Industrial Use	Title search indicates individual ownership of lots on the north, east and west portions of the Property. Barrett family purchases of the south-central portion of the Property occur in 1903. 1912 and 1956 Fire Insurance Plans show residential and commercial/industrial (lumber yard) use at the Phase One Property. Aerial photograph review from 1928 and 1956 confirm findings.
1960 - 1971	Individuals (north and west portions), Minute Car Wash (Ottawa) Limited (east portion) & Barrett Family (south-central portion)	The north and west portions of the Phase One Property are developed for residential use. The south-central portion of the Phase One Property has been developed with the former Barrett Brothers Lumber Yard. The east portion of the Property is owned by a car wash, who may have briefly operated at the Site.	Residential Use and Commercial / Industrial Use	Title search indicates individual ownership of lots on the north and west portions of the Property. South-central portion of the Property continues to be used as a lumber yard. Aerial photograph review from 1965 confirm findings. Ownership of the east portion of the Property transferred to a car wash, however, no evidence of an operational car wash at the Property was confirmed.

Year	Name of Owner	Description of Property Use	Property Use	Other observations from historical sources
1971 - 1988	Voyageur Colonial Ltd.	Property fully occupied by the Ottawa central bus terminal	Commercial Use	Title search confirms entire Phase One Property has common ownership. Aerial photographs from 1976 through 2019 confirm the use of the entire Phase One Property as a bus station.
1988 – 2007	160901 Canada Inc.			
2007 – 2021	Crerar Silverside Corporation			
2021 - Present	12712610 Canada Inc.	Ottawa central bus terminal building is present; however, the Property is vacant	Commercial Use	Site Investigation confirmed that the Property remains developed with a commercial building, which was vacant as of June 1, 2021.

b) Potentially Contaminating Activity

Three Potentially Contaminating Activities were identified at the Phase One Property and are summarized in Table 7 below.

Table 7: Potentially Contaminating Activities at the Phase One Property

PCA Report Reference No.	Potentially Contaminating Activity	Location
1	Former private fuel outlet (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	Northeast portion of the Phase One Property
2	Former service garage with associated storage tanks (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems) (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	East portion of the Phase One Property
3	Backfilling of historical building footprints with potentially poor environmental quality fill material (O.Reg. 153/04 PCA Item 30: Importation of Fill Material of Unknown Quality)	Majority of the Phase One Property outside of the current bus station building footprint.

A total of 47 additional properties in the Phase One Study Area were interpreted to be associated with PCAs; the corresponding PCAs and property locations are summarized in Table 8 below and presented on Figure 3.

Table 8: Potentially Contaminating Activities in the Phase One Study Area

PCA Report Reference No.	Potentially Contaminating Activity	Location
4	Lumber, Coal & Wood Storage, Gasoline Service Station, Automotive Garage & UST (O.Reg. 153/04 PCA Item 8: Chemical Manufacturing, Processing and Bulk Storage) (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems)	260 Catherine Street, approximately 20 m south
5	Rail line and former associated spur line (O.Reg. 153/04 PCA Item 46: Rail Yards, Tracks and Spurs)	Current location of Highway 417, approximately 70 m south
6	Coal Yard (O.Reg. 153/04 PCA Item 8: Chemical Manufacturing, Processing and Bulk Storage)	Current Location of Highway 417 (formerly 51A Chamberlain Avenue), approximately 110 m south
7	City Asphalt Plant (O.Reg. 153/04 PCA Item 5: Asphalt and Bitumen Manufacturing)	Current Location of Highway 417 (formerly 85,91,97 Chamberlain Avenue), approximately 110 m south
8	Former Landfill (Chamberlain Avenue at Lyon Street) (O.Reg. 153/04 PCA Item 58: Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners)	86 Chamberlain Avenue, approximately 160 m south-southwest
9	Auto Repairs (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems)	78 Chamberlain Avenue (formerly 604 Lyon Street), approximately 180 m south
10	Crown Laundry (Dry Cleaner) (O.Reg. 153/04 PCA Item 37: Operation of Dry Cleaning Equipment (where chemicals are used))	30, 34 Chamberlain Avenue, approximately 150 m south
11	Auto Repairs (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems)	14 (formerly 8,10,12) Chamberlain Avenue, approximately 180 m southeast
12	Garage (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems)	335 Catherine Street, approximately 90 m west
13	Garage (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems)	368 Catherine Street, approximately 160 m west-southwest
14	Coal & Lumber Storage Yard (O.Reg. 153/04 PCA Item 8: Chemical Manufacturing, Processing and Bulk Storage)	370 Catherine Street, approximately 170 m west-southwest
15	Garage & Repairs (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems)	17 (formerly 41) Arlington Avenue, approximately 120 m east-northeast
16	Garage & Repairs, Autobody Shop (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems) (O.Reg. 153/04 PCA Item 10: Commercial Autobody Shops)	480 Gladstone Avenue, approximately 200 m north
17	Retail Fuel Outlet, 3 Fuel Spills (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	512 Bank Street, approximately 120 m east

PCA Report Reference No.	Potentially Contaminating Activity	Location
18	Suspected fuel (heating oil) storage tank, reported heating oil spill (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	477 Kent Street, 110 m north
19	Suspected fuel (heating oil) storage tank, reported heating oil spill (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	462 McLoed Street & 497 Lyon Street, 140 m north
20	Suspected fuel (heating oil) storage tank, reported heating oil spill (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	17 Arlington Avenue, 120 m east-northeast
21	Suspected fuel (heating oil) storage tank, reported heating oil spill (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	502 Bank Street, 140 m east-northeast
22	Suspected fuel (heating oil) storage tank, reported heating oil spill (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	45 Rosebery Avenue, 180 m south
23	Suspected fuel (heating oil) storage tank, reported heating oil spill (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	488 Bank Street, 150 m east-northeast
24	Former Landfill Site (Central Park) (O.Reg. 153/04 PCA Item 58: Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners)	270 Catherine Street, approximately 20 m south
25	Suspected former fuel storage tank(s), waste generator (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	288 Catherine Street, approximately 20 m south
26	Suspected former fuel storage tank(s), waste generator (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	504A Kent Street, approximately 40 m north
27	Suspected former fuel storage tank(s), waste generator (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	28 Arlington Avenue, approximately 20 m east
28	Suspected former fuel storage tank(s), waste generator (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	320 Catherine Street, approximately 30 m southwest
29	Suspected former fuel storage tank(s), waste generator (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	240 Catherine Street, approximately 70 m east-southeast
30	Underground Storage Tank (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	340 Catherine Street, approximately 60 m west-southwest
31	Underground Storage Tank (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	350 Catherine Street, approximately 90 m west-southwest
32	Underground Storage Tank (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	200 Catherine Street, approximately 180 m southeast
33	Automotive Garage (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems)	430 Gladstone Avenue, approximately 220 m north-northeast

PCA Report Reference No.	Potentially Contaminating Activity	Location
34	Underground Storage Tank (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	508 Gladstone Avenue, approximately 210 m north-northwest
35	Dry Cleaners, Automotive Garage & UST (O.Reg. 153/04 PCA Item 37: Operation of Dry Cleaning Equipment (where chemicals are used)) (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems) (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	37 Flora Avenue & 478 Bank Street, approximately 180 m northeast
36	Underground Storage Tank (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	379 Catherine Street, approximately 190 m west
37	Underground Storage Tank (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	288 Catherine Street, approximately 20 m south
38	Gasoline Service Station, Automotive Garage & UST (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks) (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems)	473-475 Bank Street, approximately 200 m northeast
39	Underground Storage Tank (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	507 Bank Street, approximately 180 m east-northeast
40	Underground Storage Tank (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	254 Argyle Avenue, approximately 240 m east
41	Automotive Garage (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems)	464 Bank Street, approximately 200 m northeast
42	Underground Storage Tank (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	205 Catherine Street, approximately 200 m east
43	Automotive Garage (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems)	406 Gladstone Avenue, approximately 220 m north-northeast
44	Automotive Garage (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems)	280 Catherine Street, approximately 20 m south
45	Autobody (O.Reg. 153/04 PCA Item 10: Commercial Autobody Shops)	84 Flora Street, approximately 110 m northeast
46	Dry Cleaners (O.Reg. 153/04 PCA Item 37: Operation of Dry Cleaning Equipment (where chemicals are used))	594 Bank Street, approximately 225 m southeast
47	Wholesale Fuel Outlet (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	556 Bank Street, approximately 150 m southeast

PCA Report Reference No.	Potentially Contaminating Activity	Location
48	Petroleum Industry (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	Bank Street, west of Isabella190 m southeast
49	Flora Printers (O.Reg. 153/04 PCA Item 31: Ink Manufacturing, Processing and Bulk Storage)	45 Flora Street, approximately 170 m northeast
50	Standard Paving Ltd. (O.Reg. 153/04 PCA Item 5: Asphalt and Bitumen Manufacturing)	Southwest Corner of Catherine and Bank, approximately 120 m east-southeast

The above PCAs noted at neighbouring properties in the Phase One Study Area are located significant distances and/or at down- or cross-gradient orientations with respect to the Phase One Property and are not considered to represent APECs for the Phase One Property.

c) Areas of Potential Environmental Concern

Three PCAs identified are considered to represent APECs for the Phase One Property and are summarized in Table 7 below.

Table 9: Areas of Potential Environmental Concern

APEC Report Reference No.	Location of APEC on Phase One Property	PCA	Location of PCA (on-site or off-site)	Contamin-ants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or Sediment)
1	Northeast portion of the Phase One Property	PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks	On-site: associated with former private fuel outlet	PHCs / BTEXs	Soil Groundwater
2	East portion of the Phase One Property	PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems, And PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks	On-site: associated with former service garage	PHCs / VOCs	Soil Groundwater
3	Majority of the Phase One Property outside of the current bus station building footprint.	PCA Item 30: Importation of Fill Material of Unknown Quality	On-Site: Historical residential and commercial building footprints were present through the entire Site.	PHCs / BTEXs, PAHs Metals & Inorganics	Soil Groundwater

The presence of a private fuel outlet and associated underground storage tank (UST) represents PCA #1 and is interpreted as APEC #1 for the northeast portion of the Phase One Property. The presence of a service bay (garage), associated historical aboveground storage tank (AST) and suspected UST represents PCA #2 and is interpreted as APEC #2 for the east portion of the Phase One Property. The former presence of residential and commercial structures which historically occupied the majority of the Phase One Property, are suspected to have had their foundations backfilled with poor environmental quality fill material. This fill material (PCA #3) is suspected in areas outside of the current building footprint and represents APEC #3 for the Property.

The contaminants of potential concern associated with fuel storage and fuelling are generally PHCs and BTEXs. Based on historical presence of a service garage at the Property VOCs are also considered contaminants of potential concern (CPCs) associated with the former service garage operations. The CPCs associated with the historical fill materials are polycyclic aromatic hydrocarbons (PAHs), metals & inorganics. PHCs/BTEXs are also a CPC; considering the date of original development at the Property, there is suspected former heating oil storage tanks associated with the various residential and commercial properties which now comprise the Phase One Property.

Given that PCAs, interpreted as APECs were identified at the Phase One Property, the uncertainty or absence of information obtained in each of the components of the Phase One ESA is not considered to affect the conclusions.

d) Phase One Conceptual Site Model

Three Figures are provided to visually depict the Conceptual Site Model. Figure 1: Key Plan shows the location of the Phase One Property within the City of Ottawa. Figure 2: Site Plan, which is provided with an overlay of the 2019 aerial imagery, which depicts the current configuration of the Phase One Property, the locations of historical monitoring wells, PCAs and APECs. Figure 3: Surrounding Land Use shows the current uses of properties in the Phase One Study Area and the location of off-Site PCAs.

The Phase One Property is located at Civic No. 265 Catherine Street, Ottawa, Ontario and has an approximate area of approximate area of 1.03 Hectares.

The Phase One Property was undeveloped prior to the early 1900's when residential development of the north, east and west portions of the Property began; the north, east and west portions of the Property were fully developed for residential use between 1928 and 1965. The Barrett Family began purchasing the south-central portion of the Phase One Property, and the property was used as a lumber storage yard and sales office from at least 1912 to 1965. The Phase One Property was redeveloped with for commercial use (Ottawa Central Bus Terminal) in 1973, which operated until June of 2021.

The Property is currently vacant and unoccupied. The Property was most recently used as a bus terminal and had leased commercial and office space prior to 2020. 12712610 Canada Inc. (Brigil) purchased the Phase One Property in 2021, and it is understood that the intended future use is for residential purposes, with potential for commercial use on the ground floor and two to three levels of underground parking. The Phase One Property is immediately surrounded by four municipal Right-of-Ways, then residential properties to the north and west, commercial properties to the south and an institution (school) property to the east.

The Phase One Study Area includes the Phase One Property and properties with the boundaries within 250 m of the Phase One Property limits. Based on a review of the Phase One Property and properties in the Phase One Study Area, their associated historical and/or current uses and operations and physical characteristics of the Phase One Study Area, it was determined that an assessment of properties within 250 m of the Phase One property was sufficient to meet the objectives of the scope of this investigation for a Phase One ESA.

No areas of natural significance are located at the Phase One Property or in the Phase One Study Area. No drinking water wells are located at the Phase One Property and the Phase One Study Area is serviced by municipally treated non-potable water. There were several existing groundwater monitoring wells present at the Phase One Property from historical subsurface investigations; locations of these wells are presented on Figure 2.

The regional topography in the Phase One Study Area generally slopes downward to the north and northeast. Surface water flow is dominated by developed drainage patterns to storm drains. The Phase One Property is generally at grade with the neighbouring properties with a depression to the southeast for the Kent Street underpass beneath Highway 417. The nearest surface water body identified on the mapping is Patterson Creek, located approximately 560 m southeast of the Phase One Property. The Rideau Canal (man made, flowing north) is present approximately 850 m east of the Property. The Ottawa River, flowing east, is located approximately 1.8 km north of the Phase One Property.

Based on the historical research, the general stratigraphy of the Phase One Property and Phase One Study Area consists of sand and gravel fill, underlain by silty clay, followed by silty sand and gravel (till). The overburden soil is underlain by interbedded limestone and/or shale bedrock, which was encountered at approximately 8 to 12 m below ground surface. Groundwater is expected at a depth of approximately 2 to 5 m BGS and flow in a predominantly northeast direction.

The presence of a private fuel outlet and associated underground storage tank (UST) represents PCA #1 and is interpreted as APEC #1 for the northeast portion of the Phase One Property. The presence of a service bay (garage), associated historical aboveground storage tank (AST) and suspected UST represents PCA #2 and is interpreted as APEC #2 for the east portion of the Phase One Property. The former presence of residential and commercial structures which historically occupied the majority of the Phase One Property, are suspected to have had their

foundations backfilled with poor environmental quality fill material. This fill material (PCA #3) is suspected in areas outside of the current building footprint and represents APEC #3 for the Property.

The contaminants of potential concern associated with fuel storage and fuelling are generally PHCs and BTEXs. Based on historical presence of a service garage at the Property VOCs are also considered contaminants of potential concern (CPCs) associated with the former service garage operations. The CPCs associated with the historical fill materials are polycyclic aromatic hydrocarbons (PAHs), metals & inorganics. PHCs/BTEXs are also a CPC; considering the date of original development at the Property, there is suspected former heating oil storage tanks associated with the various residential and commercial properties which now comprise the Phase One Property.

Forty-seven additional PCAs were identified at neighbouring properties in the Phase One Study Area; however, these PCAs are located significant distances and/or at down- or cross-gradient orientations with respect to the Phase One Property and are not considered to represent APECs for the Phase One Property.

Previous environmental reports were provided which document the presence of contaminant concentrations that exceed the Site Condition Standards at the Phase One Property; the contaminants are associated with the aforementioned APECs.

Underground utility corridors for sanitary and storm sewers, potable water, private electricity and natural gas lines lead to the building, generally from Catherine Street to the south or from Arlington Avenue to the north. The underground utility corridors have the potential to affect contaminant distribution and transport, as they would create preferential pathways for lateral migration.

Given that APECs have been identified from several sources of information for the Phase One Property, any uncertainty or absence of information obtained in the components of this Phase One ESA are not expected to affect the validity of the conclusions or conceptual site model.

8. Conclusions

i. Whether Phase Two Environmental Site Assessment is Required Before Record of Site Condition Submitted

The presence of a private fuel outlet and associated underground storage tank (UST) represents PCA #1 and is interpreted as APEC #1 for the northeast portion of the Phase One Property. The presence of a service bay (garage), associated historical aboveground storage tank (AST) and suspected UST represents PCA #2 and is interpreted as APEC #2 for the east portion of the Phase One Property. The former presence of residential and commercial structures which historically occupied the majority of the Phase One Property, are suspected to have had their foundations backfilled with poor environmental quality fill material. This fill material (PCA #3) is suspected in areas outside of the current building footprint and represents APEC #3 for the Property.

The contaminants of potential concern associated with fuel storage and fuelling are PHCs and BTEXs. Based on historical presence of a service garage at the Property VOCs are also considered contaminants of potential concern (CPCs) associated with the former service garage operations. The CPCs associated with the historical fill materials are polycyclic aromatic hydrocarbons (PAHs), metals & inorganics. PHCs/BTEXs are also a CPC; considering the date of original development at the Property, there is suspected former heating oil storage tanks associated with the various residential and commercial properties which now comprise the Phase One Property.

Previous environmental reports were provided which document the presence of contaminant concentrations that exceed the Site Condition Standards at the Phase One Property; the contaminants are associated with the aforementioned APECs.

Based on the identification of APECs at the Phase One Property, it is recommended that a Phase Two Environmental Site Assessment be completed to assess the soil and/or groundwater quality in the vicinity of the APECs.

ii. Record of Site Condition Based on Phase One Environmental Site Assessment Alone

Given that there were APECs identified at the Phase One Property, a Phase Two Environmental Site Assessment is required before a record of site condition (RSC) may be submitted with respect to all or part of the Phase One Property.

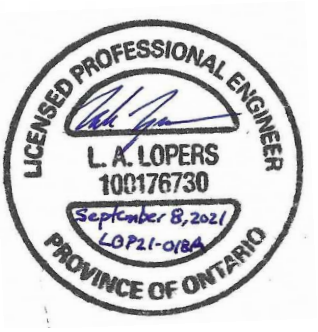
iii. Signatures

The Qualified Person for this study is Mr. Luke Lopers, P. Eng. Mr. Lopers is a Professional Engineer registered in Ontario since 2012 and has been working on environmental site assessments since 2006. Mr. Lopers has been an author, project manager and/or peer reviewer for hundreds of Phase One ESAs and Phase Two ESAs as well as previously filed RSCs

The reviewer for this study is Mr. Don Plenderleith, P.Eng. Mr. Plenderleith is a Professional Engineer registered in Ontario since 1994 and has authored and/or reviewed hundreds of Phase One and Two ESAs in Ontario and the rest of Canada. The qualifications of the assessor/Qualified Person and reviewer are included in Appendix K.

Sincerely,

Luke Lopers, P.Eng., QP_{ESA}



Don Plenderleith, P.Eng., QP_{ESA}

iv. Limitations

The findings and conclusions of this Phase One ESA are based on the information provided and/or reviewed as part of this study.

This Phase One ESA has been completed with the standard of care generally expected in the industry for a study of this nature.

This Phase One ESA has been prepared for the sole use of 11034936 Canada Inc. for the purposes of a due diligence assessment of the potential liabilities which may exist at the Phase One Property. No other party is permitted to rely on the conclusions or findings of this report without the written consent of Lopers & Associates and 11034936 Canada Inc.

There were no portions of the Phase One Property which were inaccessible, or components of this ESA where insufficient information was available to complete the interpretation.

Changes to the physical setting of the Phase One Property, Phase One Study Area and applicable regulations governing Phase One Environmental Site Assessments have the potential to influence the validity of the conclusions and opinions presented in this Phase One ESA.

9. References

Legal Survey Plan, Annis, O'Sullivan, Vollebekk Ltd., on June 24, 2021.

City of Ottawa, geoOttawa GIS mapping tool, Visited May through August, 2021. http://maps.ottawa.ca/geoottawa/

City of Ottawa, Development Applications website, Visited August 10, 2021. http://ottwatch.ca/devapps?since=999

Google Earth, Visited May through August, 2021.

Current Site Development Design Concept Plan, Brigil, 2021.

"Phase I - Environmental Site Assessment, Existing Bus Terminal, 265 Catherine Street, Ottawa, Ontario", dated October 15, 2020, completed by Paterson Group Inc. for Crerar Silverside Corporation.

"Phase II Environmental Site Assessment, Existing Bus Terminal, 265 Catherine Street, Ottawa, Ontario", dated October 16, 2020, completed by Paterson Group Inc. for Crerar Silverside Corporation.

"Remedial Action Plan, 265 Catherine Street, Ottawa, Ontario", dated October 15, 2020, completed by completed by Paterson Group Inc. for Crerar Silverside Corporation.

"Geotechnical Investigation, Proposed Mixed-Use Development, 265 Catherine Street, Ottawa, Ontario", dated October 7, 2020, completed by Paterson Group Inc. for Crerar Silverside Corporation.

National Pollutant Release Inventory – Environmental Climate Change Canada online website, visited June 14, 2021. https://www.canada.ca/en/services/environment/pollution-waste-management/national-pollutant-release-inventory.html

"Ontario Inventory of PCB Storage Sites", Ministry of Environment and Energy, dated January 1993.

"Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II", produced by Intera Technologies Ltd. For the Ontario Ministry of the Environment, dated July 1988.

"Waste Disposal Site Inventory", produced by the Ontario Ministry of the Environment, dated June 1991.

"Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II", produced by Intera Technologies Ltd. For the Ontario Ministry of the Environment, dated July 1988.

"Old Landfill Management Strategy, Phase 1 – Identification of Sites, City of Ottawa, Ontario", produced by Golder Associates Ltd., Dated October 2004.

Ministry of Environment, Conservation and Parks, Environmental Site Registry website, Visited June 14, 2021. https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDetail?submissionId=226318

Ministry of Natural Resources and Forestry, Ontario GeoHub website, Visited June 14, 2021. https://geohub.lio.gov.on.ca/datasets/b88037cdb71e4daf9445afa6fb999194_3?geometry=-75.706%2C45.443%2C-75.543%2C45.464

Ministry of Natural Resources and Forestry, Make a Topographic Map website, Visited June 14, 2021. https://www.gisapplication.lrc.gov.on.ca/matm/Index.html?site=Make_A_Topographic_Map&viewer=MATM&locale=en-US

Ministry of Environment, Conservation and Parks, Water Well Records database website, Visited June 14, 2021. https://www.ontario.ca/environment-and-energy/map-well-records

10. Appendices

Appendix A – Legal Survey Plan

Appendix B – Site Development Design Concept Plan

Appendix C – Environmental Chain of Title prepared by READ Abstracts Limited

Appendix D – Environmental Risk Information Systems (ERIS) database Search

Appendix E – Ministry of Environment, Conservation and Parks Freedom of Information (FOI) Request

Appendix F – Technical Standards and Safety Association Correspondence

Appendix G – City of Ottawa Historic Land Use Inventory (HLUI)

Appendix H – Aerial Photographs

Appendix I – Topographic Map

Appendix J – Photographic Log

Appendix K – Qualifications of Assessors

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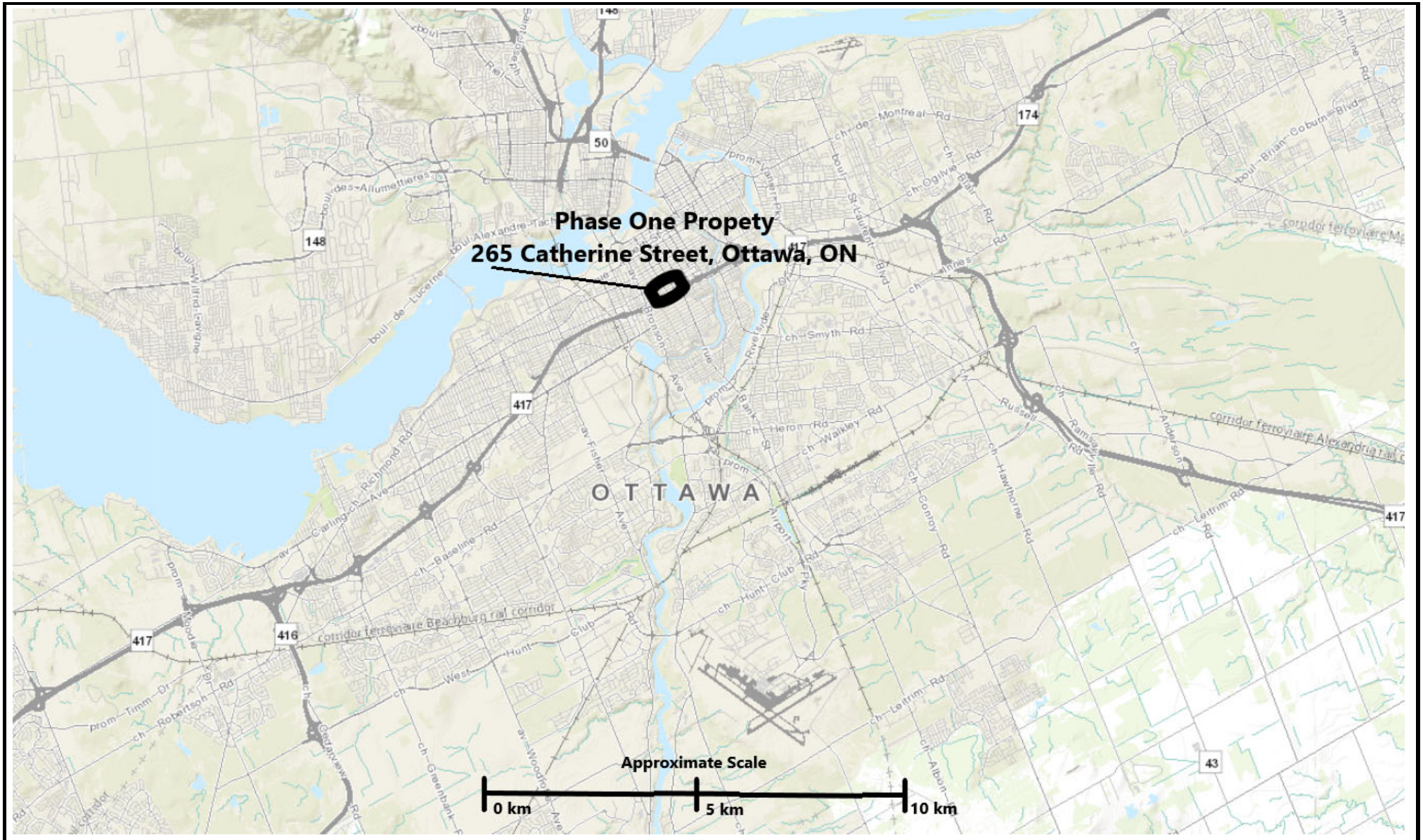


LOPERS & ASSOCIATES

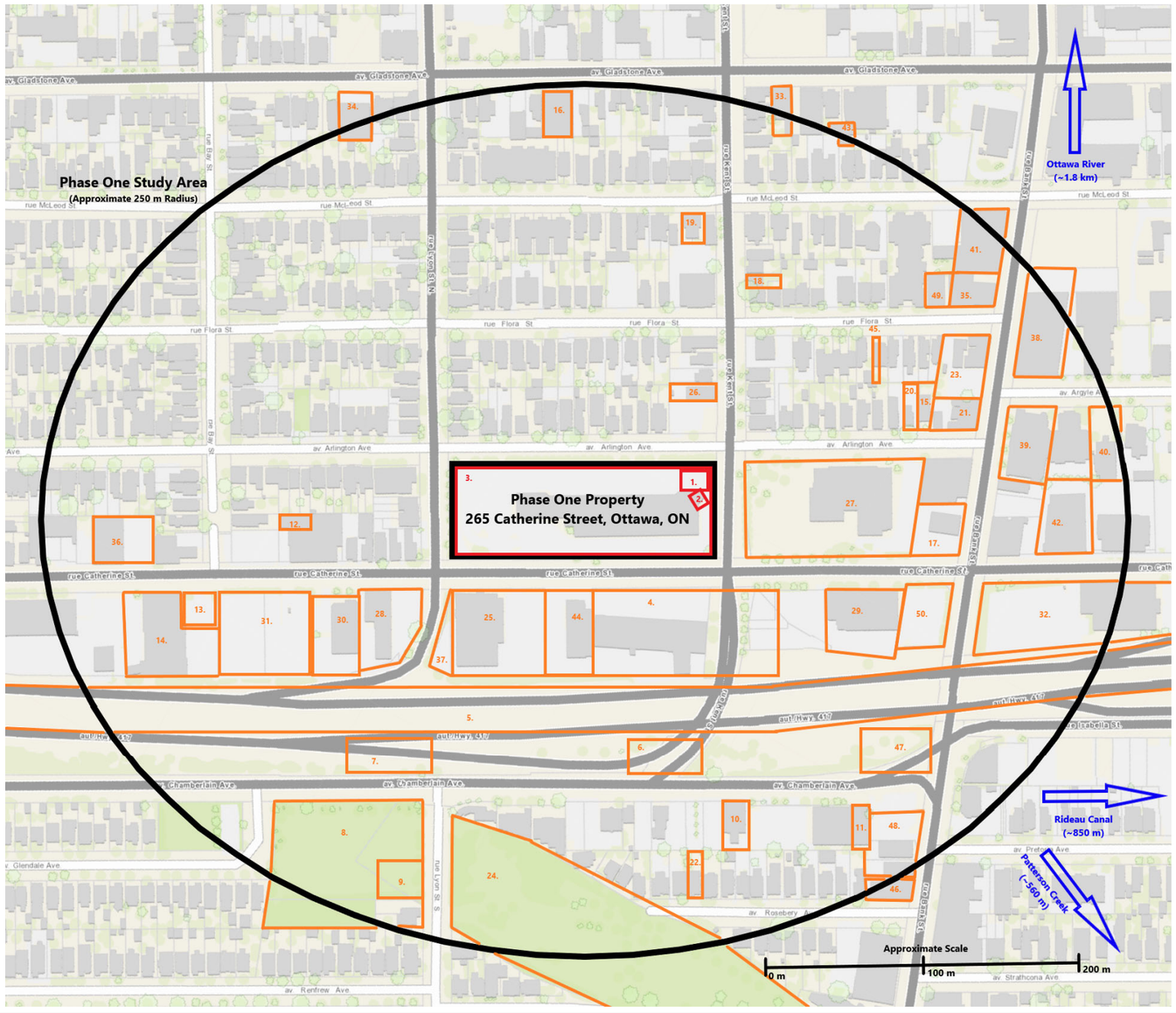
Figure 1: Key Plan
Phase One Environmental Site Assessment
265 Catherine Street, Ottawa, Ontario
11034936 Canada Inc.

Project Reference No:	LOP21-018A
Drawing No.:	LOP21-018A-1
Date:	August 20, 2021
Author:	L. Lopers
Source:	geoOttawa

LOPERS & ASSOCIATES

Figure 2: Site Plan
Phase One Environmental Site Assessment
265 Catherine Street, Ottawa, Ontario
11034936 Canada Inc.

Project Reference No:	LOP21-018A
Drawing No.:	LOP21-018A-2
Date:	August 20, 2021
Author:	L. Lopers
Source:	geoOttawa, 2019 Aerial Imagery



#	Potentially Contaminating Activity
1	Private Fuel Outlet and UST
2	Service Garage and UST
3	Suspected Poor Quality Fill Material
4	Gasoline Station, Automotive Garage & UST
5	Canadian National Railway
6	Coal Yard
7	City Asphalt Plant
8	Landfill
9	Auto Repairs
10	Dry Cleaners
11	Auto Repairs
12	Garage
13	Garage
14	Coal and Lumber Storage Yard, UST
15	Garage & Repairs
16	Automotive Garage and Autobody
17	Gasoline Service Station, Automotive Garage & UST
18	Historical Spill, Fuel Storage Tank
19	Historical Spill, Fuel Storage Tank
20	Historical Spill, Fuel Storage Tank
21	Historical Spill, Fuel Storage Tank
22	Historical Spill, Fuel Storage Tank
23	Autobody Shop
24	Landfill
25	Fuel Storage Tank
26	Fuel Storage Tank
27	Underground Storage Tank
28	Automotive Garage
29	Gasoline Service Station & UST
30	Underground Storage Tank
31	Underground Storage Tank
32	Underground Storage Tank
33	Automotive Garage
34	Underground Storage Tank
35	Dry Cleaners, Automotive Garage & UST
36	Underground Storage Tank
37	Underground Storage Tank
38	Gasoline Service Station, Automotive Garage & UST
39	Underground Storage Tank
40	Underground Storage Tank
41	Automotive Garage
42	Underground Storage Tank
43	Automotive Garage
44	Automotive Garage
45	Autobody
46	Dry Cleaners
47	Wholesale Fuel Outlet
48	Fuel Outlet
49	Printers
50	Paving Contractor

N W E S

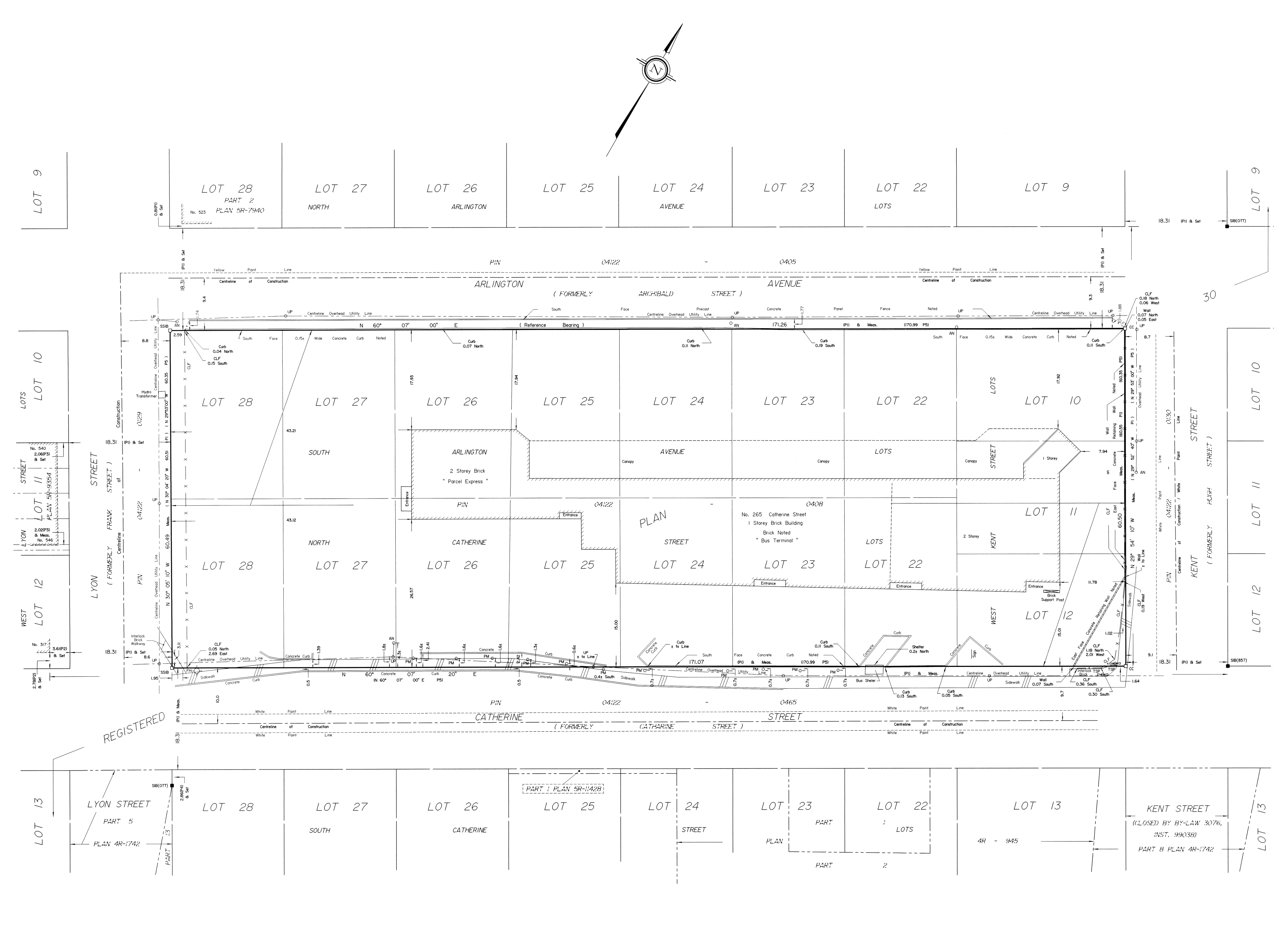
LOPERS & ASSOCIATES

Figure 3: Surronding Land Use
Phase One Environmental Site Assessment
265 Catherine Street, Ottawa, Ontario
11034936 Canada Inc.

Project Reference No:	LOP21-018A
Drawing No.:	LOP21-018A-3
Date:	August 20, 2021
Author:	L. Lopers
Source:	geoOttawa

Appendix A

Legal Survey Plan



SURVEYOR'S REAL PROPERTY REPORT

PART 1 Plan of

LOTS 10, 11, 12
(West Kent Street)
And
LOTS 22, 23, 24, 25, 26, 27, 28
(South Arlington Avenue)
And
LOTS 22, 23, 24, 25, 26, 27, 28
(North Catherine Street)
REGISTERED PLAN 30
CITY OF OTTAWA
Surveyed by Annis, O'Sullivan, Vollebekk Ltd.

Scale 1 : 300

12 9 6 3 0 6 12 Metres

Metric
DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

Surveyor's Certificate

I CERTIFY THAT :

1. This survey and plan are correct and in accordance with the Surveys Act, the Surveyors Act, the Land Titles Act and the regulations made under them.
2. The survey was completed on the 23rd day of June, 2011.

June 24, 2011 — Date
E. H. Herweyer
Ontario Land Surveyor

PART 2
THIS PLAN MUST BE READ IN CONJUNCTION WITH SURVEY REPORT DATED: JUNE 24, 2011

ANNIS, O'SULLIVAN, VOLLEBEKK LTD. grants to Crerar Silverside Corporation ("The Client"), their solicitors, mortgagees, and other related parties, permission to use original, signed, sealed copies of the Surveyor's Real Property Report in transactions involving The Client.

Notes & Legend

—□—	Denotes	Survey Monument Planted
—■—	"	Survey Monument Found
SIB	"	Standard Iron Bar
SSIB	"	Short Standard Iron Bar
IB	"	Iron Bar
CC	"	Cut Cross
Meas.	"	Measured
(WIT)	"	Witness
(AOG)	"	Annis, O'Sullivan, Vollebekk Ltd.
CLF	"	Chain Link Fence
○PM	"	Parking Meter
○ UP	"	Utility Pole
○ AN	"	Anchor
(P1)	"	(857) Plan, November 14, 1991
(P2)	"	(AOG) Plan, October 20, 1982
(P3)	"	(1319) Plan, July 26, 2001
(P4)	"	Plan 4R-1742
(P5)	"	Registered Plan 30

Bearings are astronomic, derived from the southerly limit of Arlington Avenue, shown to be N 60° 07'00" E on Registered Plan 30.

ASSOCIATION OF ONTARIO LAND SURVEYORS
PLAN SUBMISSION FORM
1801016
THIS PLAN IS NOT VALID UNLESS IT IS AN EMBOSSED ORIGINAL COPY ISSUED BY THE SURVEYOR
In accordance with Regulation 1026, Section 29 (3).

ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
Ontario Land Surveyors
14 Concourse Gate, Suite 500
Nepean, Ont. K2E 7S6
Phone: (613) 727-0850 / Fax: (613) 727-1079
Email: Nepean@aovltd.com

Job No. 12201-11 Crerar Lts 10-12 22-28 RP 30 SRPR F2 | N

Appendix B

Preliminary Concept for Development

ARLINGTON AVE

LYON ST N

KENT ST

TERRACE AT 3RD FLOOR

TERRACE AT 6TH FLOOR

TERRACE AT 3RD FLOOR

TERRACE AT 6TH FLOOR

23500

34000

TERRACE AT 5TH FLOOR

+/-39950

TERRACE AT 5TH FLOOR

TERRACE AT 5TH FLOOR

TERRACE AT 5TH FLOOR

+/-40760

TERRACE AT 6TH FLOOR

CATHERINE ST

OPTION 3 - 3 TOWERS+

Lot Size	10,361.2 sm

Option 3	Area (sm)	Storey	GBA(sm)	GBA(sf)
MPH				
36-38	800	3	2400	25833
34-35	1600	2	3200	34444
7-33	2400	27	64800	697501
6	3991	1	3991	42959
5	4226	1	4226	45488
4	5887	1	5887	63367
3	6132	1	6132	66004
2	6132	1	6132	66004
1	6132	1	6132	66004
Tota GBA		**38**	**102,900**	**1,107,605**
FSI				**9.9**
Suite Count				**1,440** *

Openspace	Are (sm)	Area(sf)
	4229	45523
		41%

NOTE:
- GBA: Gross Building Area - Excludes Balconies/Terraces
- GFA: Gross Floor Area - Estimated as 95% of GBA
- Suite Count: Calculated by substracting ground floor area on the podium facing Catherine St from estimated GFA, then divided by esitimated 700sf per unit.

Appendix C

Chain of Title

READ Abstracts Limited
331 Cooper Street, Suite 300, Ottawa, Ontario K2P 0A4
Email: search@readsearch.com
Tel.: 613-236-0664
Fax: 613-236-3677

ENVIRONMENTAL SEARCH

Lopers & Associates
Attn: Luke Lopers

BRIEF DESCRIPTION OF LAND:

265 Catherine St., Ottawa
Lots 10 to 12 West Kent, Lots 22 to 28 South Arlington, Lots 22 to 28 North Catherine, Plan 30.

PIN: 04122-0408

LAST REGISTERED OWNER: 12712610 Canada Inc.

CHAIN OF TITLE:

Plan 30 registered Dec 15, 1871
By M. L. Stewart

South Arlington

Lot 22

Deed 5765 regsitered Mar 29, 1878
From M. L. Stewart to Archibald Stewart

Deed CR32735 regsitered Jun 2, 1890
From Archibald Stewart to McLeod Stewart

Deed CR37040 registered May 21, 1892
From McLeod Stewart to Charles Carriere

Deed CR46076 registered Mar 30, 1896
From Charles Carriere to Gilbert Box

Deed CR46077 registered Mar 30, 1896
From Charles Carriere to Robert Holmes

Deed CR63038 registered Jan 9, 1902
From Gilbert Box to James Hamill

Deed CR80976 registered Apr 17, 1907
From James Hamill to Wilhehuina Schubrick

Deed CR84763 registered Apr 4, 1908
From Wilhehuina Schubrick to Willet Hutt

Deed CR104189 registered May 6, 1911
From Willett Hutt to Robert Holmes

Deed CR104494 registered May 16, 1911
From Robert Holmes to David Johnston

Deed CR154472 registered Oct 6, 1920
From David Johnston to Mary W. Newman

Deed CR201880 registered Oct 9, 1930
From estate of Robert Holmes to Catherine Potter

Deed CR247030 registered May 27, 1944
From Catherine Potter to Lucien Desilets

Deed CR258941 registered May 29, 1946
From Lucien Desilets to William and James Doly

Deed CR332990 registered May 10, 1955
From William and James Doly to Francis Baird

Deed CR575351 registered May 25, 1970
From estate of Francis Baird to Agatha Baird

Deed CR582639 registered Oct 23, 1970
From Agatha Baird to Hubert Patenaude

Deed CR595852 registered Aug 6, 1971
From Mary Girouard (Newman) to Voyageur Colonial Limited

Deed CR595862 registered Aug 6, 1971
From Hubert Patenaude to Voyageur Colonial Limited

Lot 23

Deed 3243 registered Dec 31, 1874
From M. L Stewart to Catherine Stewart

Deed CR52714 registered Oct 7, 1898
From Catherine Stewart to John Riddle

Deed CR205398 registered Sep 18, 1931

From John Riddle to Elizabeth Riddle

Deed CR226026 registered Jul 11, 1947
From Elizabeth Riddle to Albert and Lana Noble

Deed CR318259 registered Jan 29, 1954
From estate of Elizabeth Riddle to Howard and Kathleen Pitts

Deed CR319069 registered Mar 4, 1954
From Howard and Kathleen Pitts to Joan McDonald

Deed CR479342 registered Jun 30, 1964
From Joan McDonald to Leo Creppin

Deed CR479344 registered Jun 30, 1964
From Leo Creppin to Village Holdings Co. (Ottawa) Ltd.

Deed CR483171 registered Sep 15, 1964
From Labert and Lana Noble to Giuseppe and Giuseppa Colletti

Deed CR536739 registered Dec 29, 1967
From Village Holdings Co. (Ottawa) Ltd. to Ken Creppin and George Trudel

Deed CR596268 registered Aug 13, 1971
From Ken Creppin and George Trudel to Voyageur Colonial Limited

Deed CR600825 registered Oct 29, 1971
From Giuseppe and Giuseppa Colletti to Voyageur Colonial Limited

Lot 24

Deed 5765 registered Mar 29, 1898
From M. L. Stewart to Archibald Stewart

Deed CR32735 registered Jun 2, 1890
From Archibald Stewart to McLeod Stewart

Deed CR37040 registered May 21, 1892
From McLeod Stewart to Charles Carriere

Deed CR46080 registered Mar 31, 1896
From Charles Carriere to Patrick Burke

Deed CR52512 registered Sep 15, 1898
From Patrick Burke to Thomas Fleming

Deed CR54754 registered Jun 16, 1899
From Thomas Fleming to Agnes Alexander

Deed CR82524 registered Aug 21, 1907
From Patrick Burke to Mary and Wilbur O'Byrnes

Deed CR96048 registered Apr 15, 1910
From Mary and Wilbur O'Byrnes to John and Elizabeth Clark

Deed CR103880 registered Sep 27, 1911
From John and Elizabeth Clark to Hiram Alford

Deed CR118310 registered Mar 14, 1913
From Hiram Alford to Daniel Darragh

Deed CR441494 registered Apr 9, 1962
From estate of Agnes Alexander to Michael and Georgette Ritchie

Deed CR522157 registered Mar 2, 1967
From Daniel Darragh to Giacomo and Carmella Prinzo

Deed CR595868 registered Aug 6, 1971
From Michael and Georgette Ritchie to Voyageur Colonial Limited

Deed CR600852 registered Oct 29, 1971
From Giacomo and Carmella Prinzo to Voyageur Colonial Limited

Lot 25

Deed 3243 registered Dec 21, 1874
From M. L. Stewart to Catherin Stewart

Deed CR75722 registered Dec 8, 1905
From estate of Catherin Stewart to John Black and Theodore St. Germain

Deed CR81652 registered May 9, 1907
From Theodore St. Germain to John Black

Deed CR126941 registered Jul 18, 1914
From John Black to John Baldwin

Deed CR142018 registered Sep 15, 1918
From John Black to Mary Black W1/2

Deed CR178961 registered May 11, 1925
From John Baldwin to Harry Redden

Deed CR203661 registered Apr 8, 1931
From Harry Redden to William Arbuckle

Deed CR206305 registered Dec 22, 1931
Frederick W. May

Deed CR211806 registered Mar 27, 1954
From William Arbuckle to Frederick Preece

Foreclosure CR381173 registered Nov 8, 1958 (Re: Mary Black)
From Myrtle Jowsey to Vittoria and Maurino Paradiss

Deed CR549212 registered Oct 2, 1968
From Vittoria and Maurino Paradiss to Otto Pastoors

Deed CR571927 registered Feb 27, 1970
From Otto Pastoors to Pasquale Barbaro

Deed CR572006 registered Mar 2, 1970
From Frederick Preece to Mary Preece

Deed CR595716 registered Aug 4, 1971
From Pasquale Barbaro to Voyageur Colonial Limited

Deed CR595833 registered Aug 6, 1971
From Mary Preece to Voyageur Colonial Limited

Lot 26

Deed 3243 registered Dec 21, 1874
From M. L. Stewart to Isabella Stewart

Deed CR61818 registered Aug 21, 1901
From Isabella Stewart to Arthur Sparks

Deed CR69080 registered Oct 28, 1903
From Arthur Sparks to Thomas Rankin

Deed CR135045 registered Apr 26, 1916
From Thomas Rankin to Joseph Rankin

Deed CR200245 registered May 5, 1930
From Joseph Rankin to Charles Day

Deed CR310257 registered Apr 30, 1953
From Charles Day to Rene Bisson

Deed CR317761 registered Jan 8, 1954
From estate of Arthur Sparks to Gordon Orange

Deed CR342559 registered Jan 31, 1956
From Rene Bisson to Frank and Helena Wiaz

Deed CR413307 registered Oct 4, 1960
From Frank and Helena Wiaz to Antonio and Maria Cesare

Deed CR558842 registered May 21, 1969
From estate of Josephine Orange and Gordon Orange to Raymond Beamish

Deed CR560240 registered Jun 17, 1969

From Raymond Beamish to Vincenzo and Elisa Rossi

Deed CR595987 registered Au g10, 1971
From Antonio and Maria Cesare to Voyageur Colonial Limited

Deed CR596082 registered Aug 11, 1971
From Vincenzo and Elisa Rossi to Voyageur Colonial Limited

Lot 27

Deed 3243 registered Dec 21, 1874
From M. L. Stewart to Isabella Stewart

Deed CR85218 registered May 14, 1908
From estate of Catherin Stewart to Florence Taggart

Deed CR89837 registered May 4, 1909
From Florence Taggart to Elizabeth, George, and John Clark

Deed CR94924 registered Mar 2, 1910
From Elizabeth, George, and John Clark to James Allan

Deed CR95992 registered Apr 14, 1910
From Elizabeth, and John Clark to George Clark

Deed CR102171 registered Feb 15, 1911
Form James Allan to Ida Jacques

Deed CR102247 registered Feb 20, 1911
From George Clark to Victoria Johnston

Deed CR104992 registered Jun 5, 1911
From Victoria Johnston to William Stevens

Deed CR125177 registered Apr 24, 1914
From William Stevens to Ethel Hagerty

Deed CR152917 registered May 7, 1920
From Ethel Hagerty to Elizabeth Bunyan

Deed CR173033 registered Feb 26, 1924
From estate of Elizabeth Bunyan to Gordon Bunyan

Deed CR267789 registered Oct 2, 1947
From estate of Ida Jacques to Alfred Malone

Deed CR461135 registered Jun 17, 1963
From Gordon Bunyan to Poalino and Juliana Pantusa

Deed CR595860 registered Aug 6, 1971
From Alfred Malone to Voyageur Colonial Limited

Deed CR595901 registered Aug 9, 1971
From Poalino and Juliana Pantusa to Voyageur Colonial Limited

Lot 28

Deed 5765 registered Mar 29, 1878
From ML. Stewart to Archibald Stewart

Deed CR32735 registered Jun 2, 1890
From Archibald Stewart to McLeod Stewart

Deed CR34040 registered May 21, 1892
From McLeod Stewart to Charles Carriere

Deed CR48854 registered May 1, 1894
From Charles Carriere to John Henry and Daniel O'Connor

Deed CR62984 registered Jan 2, 1902
From John Henry and Daniel O'Connor to Daniel O'Connor Jr

Deed CR96112 registered Apr 19, 1910
From Daniel O'Connor Jr. to Philip Lennen

Deed CR98034 registered Jul 8, 1910
From Philip Lennen to John Bard

Deed 100343 registered Nov 11, 1910
From John Bard to Anthony Power

Deed 100382 registered Nov 14, 1910
From Anthony Power to Joseph Hesser

Deed 106304 registered Aug 16, 1911
From Joseph Hesser to John Edwards

Deed 109884 registered Feb 12, 1912
From John Edwards to Philander Shaver

Deed 112354 registered May 4, 1912
From Philander Shaver to Rudolph Miller

Deed 116751 registered Dec 10, 1912
From Rudolph Miller to Alfred Grey

Foreclosure CR180853 registered Oct 6, 1925
From Huron Mortgage Corporation to Edward Saly and Eva Bourier

Deed CR194443 registered Nov 2, 1928
From Edward Saly and Eva Bourier to Leah and Annie Steinberg

Deed CR357184 registered Mar 27, 1957
From Leah Steinberg and the estate of Annie Steinberg to Giovanni and Elizabetha Pagani

Deed CR357185 registered Mar 27, 1957
From Leah Steinberg and the estate of Annie Steinberg to Mario and Jolanda Luberti

Deed CR357186 registered Mar 27, 1957
From Leah Steinberg and the estate of Annie Steinberg to Basilio Catana

Deed CR357187 registered Mar 27, 1957
From Leah Steinberg and the estate of Annie Steinberg to Vincenzo and Gina Musca

Deed CR357188 registered Mar 27, 1957
From Leah Steinberg and the estate of Annie Steinberg to Luigi and Maria De Filippo

Deed CR357189 registered Mar 27, 1957
From Leah Steinberg and the estate of Annie Steinberg to Dominico and Giuseppina Magro

Deed CR357190 registered Mar 27, 1957
From Leah Steinberg and the estate of Annie Steinberg to Stalia Zanon

Deed CR381668 registered Dec 9, 1958
Form Dominico and Giuseppina Magro to Petr and Priscilla Labinsky

Deed CR388769 registered Jun 1, 1959
From Petr and Priscilla Labinsky to Cecil and Lorna Smirle

Deed CR392101 registered Jul 31, 1959
From Stalia Zanon to Domenico and Chiara Buffone

Deed CR423482 registerd May 15, 1961
From Giovanni and Elizabetha Pagani to Guiseppi and Cleofa Conti

Deed CR557960 registered May 1, 1969
From Mario and Jolanda Luberti to Ahmed Mahfooz

Deed CR566364 registered Oct 15, 1969
Cecil and Lorna Smirle to Samil Elghazel

Deed CR569321 registered Dec 17, 1969
From Basilio Catana to Mohammad and Massada Sadaka

Deed CR578825 registered Aug 5, 1970
From Vincenzo and Gina Musca to Armando and Rosa Cotronco

Deed CR595858 registered Aug 6, 1971
From Luigi and Maria De Filippo to Voyageur Colonial Ltd.

Deed CR595861 registered Aug 6, 1971
From Cleofa Conti to Voyageur Colonial Ltd.

Deed CR595853 registered Aug 6, 1971
From Armando and Rosa Cotronco to Voyageur Colonial Ltd.

Deed CR595872 registered Aug 6, 1971
From Basilio Catana to Mohammad and Massada Sadaka

Deed CR595873 registered Aug 6, 1971
From Ahmed Mahfooz to Voyageur Colonial Ltd.

Deed CR595874 registered Aug 6, 1971
From Samil Elghazel to Voyageur Colonial Ltd.

Deed CR595875 registered Aug 6, 1971
From Mohammad and Massada Sadaka to Voyageur Colonial Ltd.
Deed CR595975 registered Aug 10, 1971
From Stalia Zanon to Domenico and Chiara Buffone

Deed CR595976 registered Aug 10, 1971
From Domenico and Chiara Buffone to Voyageur Colonial Ltd.

North Catherine

Lot 22

Deed 3243 registered Dec 31, 1874
From M. L Stewart to Isabella Stewart

Deed CR48050 registered Jan 23, 1897
From Isabella Stewart to Robert Slack

Deed CR49001 registered May 17, 1897
From Robert Slack to James Clarke

Deed CR183719 registered May 17, 1926
From James Clarke to Augustus Switzer

Deed CR192394 registered May 10, 1928
From Augustus Switzer to Thomas Findlay

Deed CR195620 registered Feb 21, 1929
From Thomas Findlay to Israel Agulnik

Deed CR407568 registered Jun 30, 1960
From Israel Agulnik to Minute Car Wash (Ottawa) Limited

Deed CR596263 registered Aug 13, 1971
From Minute Car Wash (Ottawa) Limited to Voyageur Colonial Ltd.

Lot 23

Deed 5765 registered Mar 29, 1878
From M. L. Stewart to Archibald Stewart

Deed CR32735 registered Jun 2, 1890
From Archibald Stewart to McLeod Stewart

Deed CR37040 registered May 21, 1892
From McLeod Stewart to Charles Carriere

Deed CR47387 registered Oct 13, 1896
From Charles Carriere to James Patterson

Deed CR114681 registered Aug 14, 1912
From James Patterson to George and Ernest Barrett

Deed CR236447 registered Oct 27, 1941
From George and Ernest Barrett to Philip and John Barrett

Lease CR292208 registered Jun 8, 1951
To Barrett Brothers Lumber Ltd.

Deed CR417418 registered Jan 6, 1961
From estate of John Barret to Alice and Bonnie Barrett

Deed CR595837 registered Aug 6, 1971
From estate of Philip Barrett, Alice Barrett and Bonnie Barrett to Voyageur Colonial Ltd.

Lot 24

Deed 5765 registered Mar 29, 1878
From M. L. Stewart to Archibald Stewart

Deed CR32735 registered Jun 2, 1890
From Archibald Stewart to McLeod Stewart

Deed CR37040 registered May 21, 1892
From McLeod Stewart to Charles Carriere

Deed CR48854 registered May 1, 1897
From Charles Carriere to John Harvey and Daniel O'Connor

Deed CR58745 registered Sep 21, 1900
From John Harvey and Daniel O'Connor to David Hewitt

Deed CR67641 registered May 19, 1903
From John Harvey and Daniel O'Connor to George and Ernest Barrett

Deed CR71794 registered Oct 19, 1904
From David Hewitt to James Kyle

Deed CR71994 registered Nov 14, 1904
From James Kyle to George and Ernest Barrett

Deed CR236447 registered Oct 27, 1941
From George and Ernest Barrett to Philip and John Barrett

Lease CR292208 registered Jun 8, 1951
To Barrett Brothers Lumber Ltd.

Deed CR417418 registered Jan 6, 1961
From estate of John Barret to Alice and Bonnie Barrett

Deed CR595837 registered Aug 6, 1971
From estate of Philip Barrett, Alice Barrett and Bonnie Barrett to Voyageur Colonial Ltd.

Lot 25, 26, 27

Deed 5765 registered Mar 29, 1878
From M. L. Stewart to Archibald Stewart

Deed CR32735 registered Jun 2, 1890
From Archibald Stewart to McLeod Stewart

Deed CR37040 registered May 21, 1892
From McLeod Stewart to Charles Carriere

Deed CR48854 registered May 1, 1897
From Charles Carriere to John Harvey and Daniel O'Connor

Deed CR58745 registered Sep 21, 1900
From John Harvey and Daniel O'Connor to David Hewitt

Deed CR67641 registered May 19, 1903
From John Harvey and Daniel O'Connor to George and Ernest Barrett

Deed CR236447 registered Oct 27, 1941
From George and Ernest Barrett to Philip and John Barrett

Lease CR292208 registered Jun 8, 1951
To Barrett Brothers Lumber Ltd.

Deed CR417418 registered Jan 6, 1961
From estate of John Barret to Alice and Bonnie Barrett

Deed CR595837 registered Aug 6, 1971
From estate of Philip Barrett, Alice Barrett and Bonnie Barrett to Voyageur Colonial Ltd.

Lot 28

Deed 5765 registered Mar 29, 1878
From ML. Stewart to Archibald Stewart

Deed CR32735 registered Jun 2, 1890
From Archibald Stewart to McLeod Stewart

Deed CR34040 registered May 21, 1892
From McLeod Stewart to Charles Carriere

Deed CR48854 registered May 1, 1894
From Charles Carriere to John Henry and Daniel O'Connor

Deed CR62984 registered Jan 2, 1902
From John Henry and Daniel O'Connor to Daniel O'Connor Jr

Deed CR96112 registered Apr 19, 1910
From Daniel O'Connor Jr. to Philip Lennen

Deed CR98034 registered Jul 8, 1910
From Philip Lennen to John Bard

Deed 100343 registered Nov 11, 1910
From John Bard to Anthony Power

Deed 100382 registered Nov 14, 1910
From Anthony Power to Joseph Hesser

Deed 106304 registered Aug 16, 1911
From Joseph Hesser to John Edwards

Deed 109884 registered Feb 12, 1912
From John Edwards to Philander Shaver

Deed 112354 registered May 4, 1912
From Philander Shaver to Rudolph Miller

Deed 116751 registered Dec 10, 1912
From Rudolph Miller to Alfred Grey

Foreclosure CR180853 registered Oct 6, 1925
From Huron Mortgage Corporation to Edward Saly and Eva Bourier

Deed CR194443 registered Nov 2, 1928
From Edward Saly and Eva Bourier to Leah and Annie Steinberg

Deed CR357179 registered Mar 27, 1957
From Leah Steinberg and estate of Annie Steinberg to Vincenzo Sperito

Deed CR357180 registered Mar 27, 1957

From Leah Steinberg and estate of Annie Steinberg to Giuseppe and Nicolina Pagani

Deed CR357181 registered Mar 27, 1957
From Leah Steinberg and estate of Annie Steinberg to Attilio and Rosa Zogna

Deed CR357182 registered Mar 27, 1957
From Leah Steinberg and estate of Annie Steinberg to Giuseppe and Lina Tolot

Deed CR357183 registered Mar 27, 1957
From Leah Steinberg and estate of Annie Steinberg to Ottaviano and Edda Battistella

Deed CR357882 registered Apr 16, 1957
From Attilio and Rosa Zogna to Pasquale and Giovanni Tascano

Deed CR385882 registered Apr 1, 1959
From Ottaviano and Edda Battistella to Beniamino Battastella

Deed CR397294 registered Nov 3, 1959
From Pasquale and Giovanni Tascano to Corradino and Angialina Di Gaetano

Deed CR423482 registered May 15, 1961
From Giovanni and Nicolina Pagani to Cleofe Conti

Deed CR440084 registered Mar 2, 1962
From Giuseppe and Nicolina Pagani to Arduino and Ann Razoni

Deed CR464392 registered Aug 20, 1963
From Beniamino Battastella to Giovani D'Agnazio

Deed CR477888 registered Jun 1, 1964
From Giovani D'Agnazio to Giuseppe and Lina Marozina

Deed CR524449 registered May 3, 1967
From Corradino and Angialina Di Gaetano to Cecile Forieri

Deed CR548895 registered Sep 30, 1968
From Vincenzo Sperito to Bernard Frazer and Louis Jones

Deed CR551796 registered Nov 29, 1968
From Bernard Frazer and Louis Jones to Bernard Frazer

Deed CR568292 registered Nov 27, 1969
From Bernard Frazer to Louise Jones

Deed CR575750 registered Jan 1, 1970
From Giuseppe and Lina Marozina to Gildo and Stephania Valacic

Deed CR595859 registered Aug 6, 1971
From Giuseppe and Lina Tolot to Voyageur Colonial Ltd.

Deed CR595861 registered Aug 6, 1971

From Cleofe Conti to Voyageur Colonial Ltd.

Deed CR595854 registered Aug 6, 1971
From Louise Jones to Voyageur Colonial Ltd.

Deed CR595822 registered Aug 6, 1971
From Arduino and Ann Razoni to Voyageur Colonial Ltd.

Deed CR595988 registered Aug 10, 1971
From Gildo and Stephania Valacic to Voyageur Colonial Ltd.

Deed CR596219 registered Aug 13, 1971
From Cecile Forieri to Voyageur Colonial Ltd.

West Kent St.

Lot 10

Deed 5765 registered Mar 29, 1878
From M. L. Stewart to Archibald Stewart

Deed CR32735 registered Jun 2, 1890
From Archibald Stewart to McLeod Stewart

Deed CR37040 registered May 21, 1892
From McLeod Stewart to Charles Carriere

Deed CR37639 registered Sep 8, 1892
From Charles Carriere to Peter Kehoe

Deed CR41045 registered Mar 21, 1894
From Peter Kehoe to Robert Burnett

Deed CR79100 registered Oct 25, 1906
From Peter Kehoe to Lena Moxley

Deed CR81409 registered May 9, 1907
From Robert Burnett to Robert McCraken and Harold Horsey

Deed CR93207 registered Nov 11, 1909
From Lena Moxley to Eliza Wilson

Deed CR104807 registered May 29, 1911
From Robert McCraken and Harold Horsey to Eliza Wilson

Deed CR206137 registered Dec 3, 1951
From Eliza Wilson to George Harris and Eleanor Harris

Deed CR279000 registered Aug 29, 1949
From Eliza Wilson, George Harris and Eleanor Harris to Norman Kizell

Deed CR359037 registered May 14, 1957
From Norman Kizell to Kizell Enterprises Ltd.

Deed CR595209 registered Jul 28, 1971
From Kizell Enterprises Ltd. to Voyageur Colonial Ltd.

Lot 11

Deed 3243 registered Dec 21, 1874
From M. L. Stewart to Isabella Stewart

Deed 11877 registered Jul 26, 1889
From Isabella Stewart to John Batterton

Deed CR32954 registered Jul 8, 1890
From John Batterton to Elizabeth Dunar

Deed CR115781 registered Oct 18, 1912
From Mary Batterton to Mary Batterton

Deed CR261243 registered Oct 14, 1946
From estate of John Batterton and estate of Mary Batterton to Wilfred Johnson

Deed CR281797 registered Feb 3, 1950
From Rachel McDonald to Charles Ross
(note: nothing registered from Elizabeth Dunar to Rachel McDonald)

Deed CR287005 registered Nov 15, 1950
From Charles Ross to Ernest and Cecile Legros

Deed CR367530 registered Jan 3, 1958
From Wilfred Johnson to Frances Fagin

Deed CR405052 registered May 5, 1960
From Frances Fagin to Minute Car Wash (Ottawa) Limited.

Deed CR595888 registered Aug 6, 1971
From Ernest and Cecile Legros to Voyageur Colonial Ltd.

Deed CR596563 registered Aug 13, 1971
From Minute Car Wash (Ottawa) Limited to Voyageur Colonial Ltd.

Lot 12

Deed 3243 registered Dec 21, 1874
From M. L. Stewart to Isabella Stewart

Deed 13427 registered Jun 18, 1888
From Isabella Stewart to Sarah Byslee

Deed CR67772 registered Jun 1, 1903
From Sarah and Fred Byslee to Richard Morphy

Deed CR70548 registered May 9, 1904
From Richard Morphy to Jane Barrett

Deed CR164490 registered Jul 21, 1922
From Mary and Edna Barrett to George Barrett

Deed CR233824 registered Mar 4, 1941
From George Barrett to George J. Barrett & Sons Ltd.

Deed CR240698 registered Dec 21, 1942
From George J. Barrett & Sons Ltd. to Philip and John Barrett

Deed CR264099 registered Mar 31, 1947
From Philip and John Barrett to Frances Fagin

Deed CR405052 registered May 5, 1960
From Frances Fagin to Minute Car Wash (Ottawa) Limited.

Deed CR596563 registered Aug 13, 1971
From Minute Car Wash (Ottawa) Limited to Voyageur Colonial Ltd.

All Lands

Deed N431864 registered Mar 30, 1988
From Voyageur Colonial Ltd. to 160901 Canada Inc.

Lease LT1120850 registered May 14, 1998
To 9053-0684 Quebec Inc.

Deed OC700838 registered Mar 27, 2007
From 160901 Canada Inc. to Crerar Silverside Corporation

Lease OC1313318 registered Dec 6, 2011
To Greyhound Canada Transportation Corporation

Deed OC2320044 registered Mar 1, 2021
From Crerar Silverside Corporation to 12712610 Canada Inc.

Appendix D

Environmental Risk Information Systems (ERIS) database Search

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*E2073 - 265 Catherine Street* *265 Catherine Street* *Ottawa ON K1R 7S5*
Project No:	*30705*
Report Type:	*Standard Report*
Order No:	*20282800120*
Requested by:	*Paterson Group Inc.*
Date Completed:	*September 2, 2020*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*E2073 - 265 Catherine Street* *265 Catherine Street Ottawa ON K1R 7S5*
Project No:	*30705*

Coordinates:

Latitude:	*45.4087083*
Longitude:	*-75.6949193*
UTM Northing:	*5,028,589.19*
UTM Easting:	*445,620.53*
UTM Zone:	*18T*

Elevation:	*236 FT* *71.88 M*

Order Information:

Order No:	*20282800120*
Date Requested:	*August 28, 2020*
Requested by:	*Paterson Group Inc.*
Report Type:	*Standard Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	52	52
CA	Certificates of Approval	Y	0	7	7
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	2	2
EBR	Environmental Registry	Y	1	2	3
ECA	Environmental Compliance Approval	Y	0	9	9
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	25	25
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	1	23	24
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	1	5	6
FSTH	Fuel Storage Tank - Historic	Y	2	2	4
GEN	Ontario Regulation 347 Waste Generators Summary	Y	16	47	63
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	1	1	2
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	2	1	3

Database	Name	Searched	Project Property	Within 0.25 km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	7	7
PINC	Pipeline Incidents	Y	0	6	6
PRT	Private and Retail Fuel Storage Tanks	Y	2	3	5
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	2	2
RST	Retail Fuel Storage Tanks	Y	0	5	5
SCT	Scott's Manufacturing Directory	Y	0	9	9
SPL	Ontario Spills	Y	6	19	25
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	31	31
	Total:		32	258	290

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	PRT	VOYAGEUR COLONIAL LTD	265 CATHERINE ST OTTAWA ON K1R 7S5	-/0.0	0.00	62
1	PRT	VOYAGEUR COLONIAL LTD	265 CATHERINE ST OTTAWA ON K1R7S5	-/0.0	0.00	62
1	SPL	VOYAGEUR COLONIAL	265 CATHERINE STREET OTTAWA BUS TERMINAL 265 CATHERNIE STREET OTTAWA ON K1R 7S5	-/0.0	0.00	62
1	GEN	VOYAGEUR COLONIAL LTD.	265 CATHERINE ST. 2105 BANTREE ST. OTTAWA ON K1R 7S5	-/0.0	0.00	63
1	GEN	VOYAGEUR COLONIAL LTD.	265 CATHERINE ST. C/O 2105 BANTREE ST. OTTAWA ON K1R 7S5	-/0.0	0.00	63
1	GEN	VOYAGEUR COLONIAL LTD.	265 CATHERINE STREET OTTAWA ON K1R 7S5	-/0.0	0.00	63
1	GEN	VOYAGEUR COLONIAL LTD. 40-160	265 CATHERINE ST. C/O 2105 BANTREE ST. OTTAWA ON K1R 7S5	-/0.0	0.00	64
1	GEN	VOYAGEUR COLONIAL LIMITED	265 CATHERINE STREET OTTAWA ON K1R 7S5	-/0.0	0.00	64
1	GEN	Greyhound Canada Transportation Corp.	265 Catherine Street Ottawa ON K1R 7S5	-/0.0	0.00	64

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	FSTH	VOYAGEUR CORP	265 CATHERINE ST OTTAWA ON K1R 7S5	-/0.0	0.00	65
1	SPL	Greyhound Canada Transportation Corp.	265 Catherine St Ottawa ON K1R 7S5	-/0.0	0.00	65
1	FSTH	VOYAGEUR CORP	265 CATHERINE ST OTTAWA ON K1R 7S5	-/0.0	0.00	65
1	SPL	Greyhound Canada Transportation Corp.	265 Catherine St Ottawa ON K1R 7S5	-/0.0	0.00	66
1	SPL	Greyhound Canada Transportation Corp.	265 Catherine St Ottawa ON K1R 7S5	-/0.0	0.00	66
1	SPL	Greyhound Canada Transportation Corp.	265 Catherine St Ottawa ON K1R 7S5	-/0.0	0.00	67
1	SPL	Greyhound Canada Transportation Corp.	265 Catherine St Ottawa ON K1R 7S5	-/0.0	0.00	67
1	HINC		265 CATHERINE STREET OTTAWA ON K1R 7S5	-/0.0	0.00	68
1	EXP	VOYAGEUR COLONIAL LTD	265 CATHERINE ST OTTAWA ON	-/0.0	0.00	68

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	GEN	Greyhound Canada Transportation Corp.	265 Catherine Street Ottawa ON K1R 7S5	-/0.0	0.00	68
1	GEN	Greyhound Canada Transportation Corp.	265 Catherine Street Ottawa ON K1R 7S5	-/0.0	0.00	69
1	GEN	Greyhound Canada ULC	265 Catherine Street Ottawa ON K1R 7S5	-/0.0	0.00	69
1	FST	VOYAGEUR CORP	265 CATHERINE ST OTTAWA ON K1R 7S5	-/0.0	0.00	69
1	GEN	Greyhound Canada ULC	265 Catherine Street Ottawa ON K1R 7S5	-/0.0	0.00	70
1	GEN	Greyhound Canada ULC	265 Catherine Street Ottawa ON	-/0.0	0.00	70
1	GEN	Greyhound Canada ULC	265 Catherine Street Ottawa ON K1R 7S5	-/0.0	0.00	70
1	GEN	Greyhound Canada ULC	265 Catherine Street Ottawa ON K1R 7S5	-/0.0	0.00	71
1	GEN	Greyhound Canada ULC	265 Catherine Street Ottawa ON K1R 7S5	-/0.0	0.00	71
1	GEN	Greyhound Canada ULC	265 Catherine Street Ottawa ON K1R 7S5	-/0.0	0.00	71

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EBR	Greyhound Lines Inc	265 Catherine Street, Ottawa CITY OF OTTAWA ON	-/0.0	0.00	72
1	GEN	Greyhound Canada ULC	265 Catherine Street Ottawa ON K1R 7S5	-/0.0	0.00	72
1	INC	VOYAGEUR CORP	265 CATHERINE ST,,OTTAWA,ON,K1R 7S5,CA ON	-/0.0	0.00	72
1	INC	VOYAGEUR CORP	265 CATHERINE ST,,OTTAWA,ON,K1R 7S5,CA ON	-/0.0	0.00	73

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	BORE		ON	SW/68.5	0.08	74
3	EHS		107 Arlington Ave Ottawa ON K1R5S4	WNW/77.2	1.51	76
4	PRT	MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R5T3	ESE/81.2	0.00	76
4	GEN	MINUTE CAR WASH (OTTAWA) LTD.	270 CATHERINE STREET OTTAWA ON K1R 5T3	ESE/81.2	0.00	76
4	EXP	MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE/81.2	0.00	76
4	EXP	MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE/81.2	0.00	76
4	EXP	MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE/81.2	0.00	77
4	EXP	MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE/81.2	0.00	77
4	EXP	MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE/81.2	0.00	77
4	EXP	MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON	ESE/81.2	0.00	77
4	EXP	MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE/81.2	0.00	78
4	EXP	MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE/81.2	0.00	78

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	EXP	MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE/81.2	0.00	78
4	EXP	MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE/81.2	0.00	78
5	EHS		506 Kent Street Ottawa ON K2P 2B9	NNE/83.5	1.03	79
6	BORE		ON	S/87.6	-1.00	79
7	WWIS		CATHERINE & KENT ST. OTTAWA ON ***Well ID:*** 7215437	ENE/87.8	1.15	80
8	SPL	Tomlinson<UNOFFICIAL>	Kent Street and Catherine Street Ottawa ON	E/88.4	2.00	87
9	BORE		ON	E/90.5	2.00	87
10	GEN	tannis food distributors	288 catherine st ottawa ON K1R 5T3	SSW/95.1	-1.00	89
10	GEN	tannis trading	288 catherine st ottawa ON K1R 5T3	SSW/95.1	-1.00	89
10	GEN	tannis trading	288 catherine st ottawa ON K1R 5T3	SSW/95.1	-1.00	89
10	GEN	tannis trading	288 catherine st ottawa ON K1R 5T3	SSW/95.1	-1.00	90
10	GEN	tannis trading	288 catherine st ottawa ON K1R 5T3	SSW/95.1	-1.00	90
11	BORE		ON	ENE/105.5	2.00	90

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	BORE		ON	SE/107.3	-0.31	92
13	BORE		ON	W/110.1	3.00	95
14	BORE		ON	SE/110.1	-0.31	96
15	BORE		ON	ESE/110.7	0.31	99
16	PES	SAFETY VERMIN CONTROL	504A KENT ST OTTAWA ON K2P 2B9	N/110.8	1.00	101
16	PES	SAFETY VERMIN CONTROL MARETH LTD.	504A KENT STREET OTTAWA ON K2P 2B9	N/110.8	1.00	101
16	PES	SAFETY VERMIN CONTROL / MARETH LTD.	504-A KENT STREET OTTAWA ON K2P2B9	N/110.8	1.00	102
16	GEN	SAFETY VERMIN CONTROL	504-A Kent Street Ottawa ON K2P 2B9	N/110.8	1.00	102
16	PES	SAFETY VERMIN CONTROL	504-A KENT ST OTTAWA ON K2P 2B9	N/110.8	1.00	102
16	EHS		504 A Kent Street Ottawa ON K2P 2B9	N/110.8	1.00	103
16	EHS		504 Kent Street Ottawa ON	N/110.8	1.00	103
16	SPL		504A Kent Street in Ottawa Ottawa ON	N/110.8	1.00	103
16	PES	SAFETY VERMIN CONTROL	504-A KENT ST OTTAWA ON K2P2B9	N/110.8	1.00	104

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
16	PES	SAFETY VERMIN CONTROL	504-A KENT ST OTTAWA ON K2P2B9	N/110.8	1.00	104
16	PES	SAFETY VERMIN CONTROL / MARETH LTD.	504-A KENT STREET OTTAWA ON K2P2B9	N/110.8	1.00	104
17	EHS		511 Kent Street Ottawa Ontario Ottawa ON K2P 2B8	NE/111.6	0.97	105
17	EHS		511 Kent Street Ottawa Ontario Ottawa ON K2P 2B8	NE/111.6	0.97	105
17	EHS		511 Kent Street Ottawa Ontario Ottawa ON K2P 2B8	NE/111.6	0.97	105
18	BORE		ON	SSE/113.8	-1.24	105
19	BORE		ON	ESE/114.6	0.00	106
20	BORE		ON	ESE/116.2	0.31	107
21	BORE		ON	SE/116.5	0.00	108
22	WWIS		240 CATHERINE STREET OTTAWA ON ***Well ID:*** 7269210	E/116.5	2.31	109
23	BORE		ON	ESE/123.5	1.20	112
24	EHS		n/a Ottawa ON K2P2G8	E/127.9	2.95	114
25	WWIS		240 CATHERINE STREET Ottawa ON	E/128.5	2.39	114

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7269211			
26	BORE		ON	S/129.2	-1.85	117
27	WWIS		506 KENT ST Ottawa ON ***Well ID:*** 7321561	S/129.4	-1.85	118
28	WWIS		506 KENT ST Ottawa ON ***Well ID:*** 7321562	S/130.4	-1.31	121
29	ECA	1030089 Ontario Limited	138-148 Arlington Avenue Ottawa ON K2A 0E7	WSW/132.2	3.39	124
30	BORE		ON	E/132.6	2.95	124
31	BORE		ON	SE/134.7	-1.39	125
32	BORE		ON	ESE/135.1	1.20	126
33	BORE		ON	SW/136.2	-0.22	127
34	BORE		ON	SSE/139.8	-2.00	129
35	CA		138-148 Arlington Avenue Ottawa ON K1R 5S7	WSW/140.7	3.33	130
36	WWIS		506 KENT ST Ottawa ON ***Well ID:*** 7321627	S/141.2	-2.01	130
37	BORE		ON	SE/141.3	-1.39	133
38	BORE		ON	ESE/141.9	-0.03	135

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
39	BORE		ON	E/143.9	2.39	136
40	BORE		ON	ESE/145.1	-0.03	138
41	GEN	Ottawa-Carleton District School Board	Glashan PS 28 Arlington Ave. Ottawa ON K2P 1C2	ENE/148.1	3.61	139
41	GEN	Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON K2P 1C2	ENE/148.1	3.61	139
41	GEN	Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON K2P 1C2	ENE/148.1	3.61	140
41	GEN	Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON K2P 1C2	ENE/148.1	3.61	140
41	GEN	Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON K2P 1C2	ENE/148.1	3.61	141
41	GEN	Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON	ENE/148.1	3.61	141
41	GEN	Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON K2P 1C2	ENE/148.1	3.61	142
41	GEN	Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON K2P 1C2	ENE/148.1	3.61	143
41	GEN	Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON K2P 1C2	ENE/148.1	3.61	143
41	GEN	Ottawa-Carleton District School Board Health & Safety	28 Arlington Avenue Ottawa ON K2P 1C2	ENE/148.1	3.61	144
41	GEN	Ottawa-Carleton District School Board Health & Safety	28 Arlington Avenue Ottawa ON K2P 1C2	ENE/148.1	3.61	144

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
42	BORE		ON	SSE/148.2	-2.06	145
43	BORE		ON	SSW/150.1	-0.69	146
44	WWIS		240 CATHERINE STREET Ottawa ON ***Well ID:*** 7269212	E/151.6	4.00	148
45	EHS		327-331 Catherine Street Ottawa ON K1R 5T4	WSW/151.6	3.39	151
45	EHS		327-331 Catherine Street Ottawa ON K1R 5T4	WSW/151.6	3.39	151
46	WWIS		506 KENT ST Ottawa ON ***Well ID:*** 7321563	S/153.6	-2.06	151
47	EHS		320 Catharine St Ottawa ON K1R5T5	SW/156.1	0.59	154
48	EHS		320 Catherine Street Ottawa ON K1R 5T5	SW/156.1	0.59	154
48	EHS		320 Catherine Street Ottawa ON K1R 5T5	SW/156.1	0.59	154
48	EHS		320 Catherine Street Ottawa ON K1R 5T5	SW/156.1	0.59	154
48	EHS		320 Catherine Street Ottawa ON K1R 5T5	SW/156.1	0.59	155
48	GEN	RENTALEX LTD.	320 CATHERINE STREET OTTAWA ON K1R 5T5	SW/156.1	0.59	155
48	GEN	RENTALEX LIMITED	320 CATHERINE STREET OTTAWA ON K1R 5T5	SW/156.1	0.59	155

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
48	GEN	RENTAL SERVICE CORPORATION OF CANADA LTD	320 CATHERINE STREET OTTAWA ON K1R 5T5	SW/156.1	0.59	156
49	BORE		ON	SSW/156.2	-1.69	156
50	BORE		ON	S/158.3	-2.01	157
51	WWIS		340 CATHERINE ST Ottawa ON ***Well ID:*** 7300807	SW/158.9	2.00	158
52	SPL	ULTRAMAR	ON THE ROAD AT THE CORNER OF LION & FLORA STREETS TANK TRUCK (CARGO) OTTAWA CITY ON	WNW/159.8	3.89	161
53	EHS		143 Arlington Ave Ottawa ON K1R5S6	W/164.0	5.00	161
54	ECA	Centretown Citizens Ottawa Corporation	143 Arlington Ave Ottawa ON K2P 2M8	W/164.1	5.00	162
55	BORE		ON	ESE/166.5	2.36	162
56	BORE		ON	E/166.7	3.73	163
57	BORE		ON	ESE/167.3	1.00	164
58	BORE		ON	E/171.5	5.39	166
59	CA	R.M. OF OTTAWA-CARLETON	ARLINGTON ST./KENT ST./BANK ST OTTAWA CITY ON	NE/172.3	3.08	168

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
60	BORE		ON	E/172.5	5.39	169
61	GEN	R.W. Tomlinson/CSST	Kent St and Chamberlain Ave Ottawa ON K1S 1V9	SE/174.0	-0.81	170
61	SPL	R.W. Tomlinson Limited	Corner of Kent St. and Chamberlain Ave. (at the Y) Ottawa ON	SE/174.0	-0.81	170
61	GEN	R.W. Tomlinson/CSST	Kent St and Chamberlain Ave Ottawa ON K1S 1V9	SE/174.0	-0.81	171
62	PINC		452 MCLEOD STREET, OTTAWA ON	NW/176.2	4.03	171
62	SPL		452 Mcleod Street Ottawa ON	NW/176.2	4.03	172
63	PINC		436 MCLEOD STREET, OTTAWA ON	NNW/177.2	2.31	172
63	SPL	Enbridge Gas Distribution Inc.	436 McLeod Street Ottawa ON	NNW/177.2	2.31	173
64	SPL	PRIVATE RESIDENCE	477 KENT STREET FURNACE OIL TANK OTTAWA CITY ON K2P 2B6	N/178.0	2.00	173
65	BORE		ON	ENE/178.2	6.39	174
66	SCT	THE CANADA CHINA NEWS	240 CATHERINE ST SUITE 201 OTTAWA ON K2P 2G8	E/178.3	5.60	175
66	SCT	THE PRINTING HOUSE LTD	240 CATHERINE ST SUITE 105 OTTAWA ON K2P 2G8	E/178.3	5.60	175
66	SCT	THE PRINTING HOUSE LTD.	240 Catherine St Suite 105 Ottawa ON K2P 2G8	E/178.3	5.60	175

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
66	GEN	ALPHATEXT RONALDS PRINTING	240 CATHERING ST OTTAWA ON K2P 2G8	E/178.3	5.60	176
66	GEN	ALPHATEXT RONALDS PRINTING 02-115	240 CATHERING ST OTTAWA ON K2P 2G8	E/178.3	5.60	176
66	GEN	PRINTING HOUSE LTD.	240 CATHERINE STREET OTTAWA ON K2P 2G8	E/178.3	5.60	176
66	GEN	PRINTING HOUSE LTD., THE	240 CATHERINE STREET OTTAWA ON K2P 2G8	E/178.3	5.60	176
66	GEN	Maninvest Inc.	240 Catherine Ottawa ON K2P 2G8	E/178.3	5.60	177
66	GEN	PRINTING HOUSE LTD., THE	240 CATHERINE STREET OTTAWA ON K2P 2G8	E/178.3	5.60	177
66	GEN	PRINTING HOUSE LTD., THE	240 CATHERINE STREET OTTAWA ON K2P 2G8	E/178.3	5.60	177
66	SCT	Corporate Express Office	240 rue Catherine Suite 103 Ottawa ON K2P 2G8	E/178.3	5.60	177
66	EHS		240 Catherine Street Ottawa ON K2P 2G8	E/178.3	5.60	178
66	GEN	Cima Canada Inc	240 Catherine St Suite 110 Ottawa ON K2P 2G8	E/178.3	5.60	178
66	GEN	240 Catherine Street Inc.	240 Catherine Street Ottawa ON K2P 2G8	E/178.3	5.60	178
66	GEN	GumDocs Dental Centre	240 Catherine Street Fourth Floor Ottawa ON K2P 2G8	E/178.3	5.60	178
67	EHS		340 Catherine St Ottawa ON K1R1C4	SW/178.3	2.00	179

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
67	ECA	The Canadian Red Cross Society	340 Catherine St Ottawa ON K2P 2P2	SW/178.3	2.00	179
68	BORE		ON	SSW/179.8	0.64	179
69	WWIS		CHAMBERLAN AVE & KENT STREET Ottawa ON ***Well ID:*** 7241181	ESE/180.5	1.00	180
70	GEN	1470201 ONTARIO INC.	335 CATHERINE ST OTTAWA ON K1R 5T4	WSW/181.2	3.95	183
71	BORE		ON	SSW/181.8	-2.00	183
72	WWIS		CHAMBERLAIN AVE & KENT ST Ottawa ON ***Well ID:*** 7241180	ESE/182.8	1.00	184
73	WWIS		340 CATHERINE ST OTTAWA ON ***Well ID:*** 7305583	SW/183.0	3.39	188
74	GEN	1225763 ONTARIO INC.	333 CATHERINE STREET, UNIT 101 OTTAWA ON K1R 5T4	WSW/183.4	3.95	191
74	SCT	Enviro-Curb Manufacturing Inc.	333 Catherine St Suite 201 Ottawa ON K1R 5T4	WSW/183.4	3.95	191
75	SPL	Ultramar Limited	Florence Lackey, 462 McLeod Street Ottawa ON K1R 5P6	WNW/184.9	5.04	191
76	WWIS		340 CATHERINE ST OTTAWA ON ***Well ID:*** 7300804	SW/186.5	0.64	192
77	PINC		466 MCLEOD ST, OTTAWA ON	WNW/187.2	5.04	194
77	SPL	Enbridge Gas Distribution Inc.	466 Mcleod St Ottawa ON	WNW/187.2	5.04	195

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
78	BORE		ON	S/187.8	-2.00	195
79	BORE		ON	E/188.5	5.39	196
80	WWIS		340 CATHERINE ST OTTAWA ON ***Well ID:*** 7305584	SW/190.0	3.39	197
81	BORE		ON	SSW/191.7	0.64	200
82	WWIS		340 CATHERINE ST OTTAWA ON ***Well ID:*** 7305585	SW/193.7	3.39	201
83	BORE		ON	ENE/193.9	6.36	204
84	SPL		497 Lyon Street Ottawa ON	WNW/194.1	5.00	206
85	WWIS		340 CATHERINE ST OTTAWA ON ***Well ID:*** 7300806	SW/197.3	3.39	206
86	BORE		ON	E/197.4	5.43	209
87	SPL	Enbridge Gas Distribution Inc.	62 Chamberlaine Ave Ottawa ON	SE/198.1	-2.00	211
87	PINC		62 CHAMBERLAIN AVE, OTTAWA ON	SE/198.1	-2.00	211
88	EHS		64 Chamberlain Ave Ottawa ON K1S1V9	SSE/199.1	-2.00	211
89	SCT	KRUG FURNITURE INC.	68 CHAMBERLAIN AVE OTTAWA ON K1S 1V9	SSE/199.5	-2.00	212

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
90	BORE		ON	E/199.7	5.95	212
91	EHS		165 Arlington Avenue Ottawa ON K1R 5S6	W/200.4	5.31	213
92	SCT	The Clones Society Inc.	30 Chamberlain Ave Ottawa ON K1S 1V9	ESE/200.9	-1.73	213
92	EHS		30 Chamberlain Ave Ottawa ON K1S 1V9	ESE/200.9	-1.73	213
92	EHS		30 Chamberlain Ave Ottawa ON K1S 1V9	ESE/200.9	-1.73	213
93	BORE		ON	E/202.0	5.43	214
94	EHS		McLeod Street & Lyon Street Ottawa ON	NW/202.6	4.80	215
95	EHS		72 Chamberlain Ave Ottawa ON K1S	SSE/202.6	-2.00	215
96	WWIS		340 CATHERINE STREET Ottawa ON ***Well ID:*** 7338542	SW/203.2	2.00	215
97	BORE		ON	WNW/204.0	5.00	219
98	WWIS		340 CATHERINE ST OTTAWA ON ***Well ID:*** 7300805	SW/204.2	2.00	220
99	WWIS		350 CATHERINE ST Ottawa ON ***Well ID:*** 7313092	SW/206.3	3.95	223
100	SPL	MACEWEN FUELS	512 BANK STREET SERVICE STATION OTTAWA CITY ON K2P 1Z6	ENE/207.3	6.36	226

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
100	PRT	MACEWEN PETROLEUM INC	512 BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	226
100	PRT	MACEWEN PETROLEUM INC	512A BANK ST OTTAWA ON K2P1Z6	ENE/207.3	6.36	226
100	SPL	MACEWEN FUELS	512 A BANK STREET SERVICE STATION OTTAWA CITY ON K2P 1Z6	ENE/207.3	6.36	227
100	SPL	MACEWEN FUELS	512 A BANK STREET SERVICE STATION CUMBERLAND TOWNSHIP ON K2P 1Z6	ENE/207.3	6.36	227
100	RST	MACEWEN PETROLEUM INC	512A BANK ST OTTAWA ON K2P1Z6	ENE/207.3	6.36	228
100	RST	MACEWEN PETROLIUM	520 BANK OTTAWA ON K1S 3T3	ENE/207.3	6.36	228
100	GEN	ALLSPORT RENTALS & SALES 02-779	512 BANK ST. OTTAWA ON K2P 1Z6	ENE/207.3	6.36	228
100	GEN	ALLSPORT RENTALS & SALES	512 BANK STREET OTTAWA ON K2P 1Z6	ENE/207.3	6.36	228
100	RST	MACEWEN PETROLEUM INC	512 BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	229
100	FSTH	MACEWEN PETROLEUM INC***	512 BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	229
100	EBR	MacEwen Petroleum Inc	512-A Bank St, Ottawa, ON K2P 1Z6 CITY OF OTTAWA ON	ENE/207.3	6.36	229
100	FSTH	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	230
100	EXP	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	230

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
100	EXP	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON	ENE/207.3	6.36	230
100	EXP	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	231
100	EXP	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON	ENE/207.3	6.36	231
100	EXP	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON	ENE/207.3	6.36	231
100	EXP	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON	ENE/207.3	6.36	231
100	EXP	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON	ENE/207.3	6.36	232
100	EXP	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON	ENE/207.3	6.36	232
100	EXP	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON	ENE/207.3	6.36	232
100	FST	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	232
100	FST	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	233
100	FST	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	233
100	FST	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	233
100	FST	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	233

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
100	RST	MACEWEN PETROLEUM INC	512 BANK ST OTTAWA ON K2P1Z6	ENE/207.3	6.36	234
100	EXP	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	234
100	EXP	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	234
100	EXP	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	234
100	EXP	MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE/207.3	6.36	235
100	RST	MACEWEN PETROLEUM INC	512 BANK ST OTTAWA ON K2P1Z6	ENE/207.3	6.36	235
101	WWIS		350 CATHERINE ST. OTTAWA ON ***Well ID:*** 7296639	SW/207.9	3.95	235
102	WWIS		ON ***Well ID:*** 7301137	N/208.7	1.98	238
103	SPL		17 Arlington St. Ottawa ON K2P 1C1	NE/209.4	3.18	239
104	BORE		ON	E/211.0	5.95	239
105	WWIS		LYON & MCLEOD STREET Ottawa ON ***Well ID:*** 7270084	WNW/212.5	5.04	241
106	EASR	TAGGART CONSTRUCTION LIMITED	468 McLeod ST Ottawa ON K1R 5P8	WNW/213.1	5.00	243
107	WWIS		512 BANK STREET Ottawa ON ***Well ID:*** 7122877	ENE/214.4	7.73	243

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
108	GEN	R.W. Tomlinson Ltd.	Kent Street at McLoed Street Ottawa ON K1R5P6	N/214.7	1.98	249
109	CA	Sonnett Realty (1986) Inc.	534 Bank Street Ottawa ON	E/217.9	8.08	249
109	ECA	Sonnett Realty (1986) Inc.	534 Bank Street Ottawa ON K2P 0A6	E/217.9	8.08	249
110	SPL		502 Bank Street Ottawa ON K2P 1Z4	NE/218.0	3.97	250
111	WWIS		240 CATHEINE ST OTTAWA ON ***Well ID:*** 7048032	ENE/218.1	7.76	250
112	WWIS		In front of 78 Cramberlaw Avenue Ottawa ON ***Well ID:*** 7338540	SSW/218.4	-2.00	253
113	BORE		ON	SSW/221.9	-0.58	258
114	WWIS		350 CATHERINE ST Ottawa ON ***Well ID:*** 7313091	SW/222.4	3.95	258
115	GEN	PRITCHARD ANDREWS	461 MCCLEOD OTTAWA ON K1R 5N8	WNW/222.7	5.00	261
116	WWIS		CENTRAL PARK, NEAR LION ST. + CHAMBERLAIN AVE. OTTAWA ON ***Well ID:*** 7267674	SSE/223.1	-3.08	262
117	WWIS		350 CATHERINE ST. OTTAWA ON ***Well ID:*** 7296640	SW/223.1	3.39	264
118	BORE		ON	E/224.7	8.08	267
119	SCT	PRINT ACTION LIMITED	486 GLADSTONE AVE OTTAWA ON K1R 5N8	NW/224.9	4.80	269

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
119	GEN	PRINT ACTION LTD. 31-827	486 GLADSTONE AVE. OTTAWA ON K1R 5N8	NW/224.9	4.80	269
119	GEN	PRINT ACTION LIMITED	486 GLADSTONE AVENUE OTTAWA ON K1R 5N8	NW/224.9	4.80	270
119	RSC	Dwell by Domicile Inc.	486 GLADSTONE AVE, OTTAWA, ON, K1R 5N8 Ottawa ON K1R 5N8	NW/224.9	4.80	270
120	ECA	City of Ottawa	Lyon Street and McLeod Street Ottawa ON K2G 6J8	WNW/226.0	5.07	270
121	PINC		429 MCLEOD ST , OTTAWA ON	NNW/226.5	2.55	271
122	WWIS		510 BANKL ST OTTAWA ON ***Well ID:*** 1536050	NE/227.3	3.97	271
123	BORE		ON	SW/229.7	2.00	274
124	BORE		ON	SSW/229.8	-1.21	275
125	BORE		ON	E/230.8	5.64	276
126	BORE		ON	SW/232.6	3.36	279
127	PINC		482 MCLEOD ST., OTTTAWA ON	WNW/232.7	4.89	280
128	INC		47 ROSEBERY AVE, OTTAWA ON	SE/233.9	-2.00	280
129	SPL	ESSO PETROLEUM CANADA	45 ROSEBERG TANK TRUCK (CARGO) OTTAWA CITY ON	SE/235.1	-2.00	281

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
130	EBR	CHSS International Investment & Management Ltd.	423-425 McLeod Street Ottawa, ON K2P 1A5 Canada ON	N/236.0	1.98	281
130	ECA	CHSS International Investment & Management Ltd.	423-425 McLeod Street 443-447 Kent Street Ottawa ON K2A 3A1	N/236.0	1.98	282
131	SPL	OTTAWA-CARLETON TRANSPORT	BANK ST, NORTHBOUND AT CORNER OF CATHERINE ST OTTAWA CITY ON	ENE/237.3	8.00	282
131	HINC		INTERSECTION OF BANK STREET & CATHERINE STREET OTTAWA ON	ENE/237.3	8.00	282
132	BORE		ON	E/237.5	8.08	283
133	CA	Your Credit Union Limited	14 Chamberlain Avenue Ottawa ON K1S 1V9	ESE/238.9	3.00	285
133	ECA	Your Credit Union Limited	14 Chamberlain Avenue Ottawa ON K1S 1V9	ESE/238.9	3.00	285
134	CA	OTTAWA CITY - FLORENCE ST.	BAY ST./CATHERINE ST. OTTAWA CITY ON	WSW/245.8	6.05	286
134	CA	R.M. OF OTTAWA-CARLETON - FLORENCE ST.	BAY ST./CATHERINE ST. OTTAWA CITY ON	WSW/245.8	6.05	286
135	WWIS		78180 CHAMBERLAIN AVENUE Ottawa ON ***Well ID:*** 7253250	S/246.0	-3.20	286
136	EHS		510 Bank Street Ottawa ON K2P 1Z4	NE/246.9	5.19	289
136	GEN	LJ RIOPELLE	510 BANK ST OTTAWA ON K2P 1Z4	NE/246.9	5.19	289
137	WWIS		360 CATHERINE ST Ottawa ON	SW/248.7	5.00	290

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7313089			
138	BORE		ON	S/248.9	-3.08	292
139	RSC		400 McLeod Street Ottawa ON K2P 1A6	NNE/249.4	2.00	294
139	CA		400 McLeod Street Ottawa ON K2P 1A6	NNE/249.4	2.00	294
139	ECA	Domicile Holdings (2000) Inc.	400 McLeod Street Ottawa ON K2A 0E7	NNE/249.4	2.00	294
140	SPL	PETRO-CANADA	488 BANK ST. (EUROPEAN GLASS & PAINT) TANK TRUCK (CARGO) OTTAWA CITY ON K2P 1Z4	NE/249.4	4.00	295
140	ECA	Taggart (Flora) Corporation	488 Bank Street Ottawa ON K2P 1P9	NE/249.4	4.00	295
141	GEN	OTTAWA MOUNTAIN MASTERS LTD. 29-662	519 BANK ST. OTTAWA ON K2P 1Z5	ENE/249.4	8.00	295
141	GEN	OTTAWA MOUNTAIN MASTERS LTD.	519 BANK STREET OTTAWA ON K2P 1Z5	ENE/249.4	8.00	296
142	EASR	1043130 Ontario Inc. O/A Alek's Auto Body	480 GLADSTONE AVE OTTAWA ON K1R 5N8	NW/249.5	4.69	296
143	GEN	PROCESS PHOTO CENTRE LTD.	529 BANK STREET OTTAWA ON K2P 1Z5	ENE/249.5	7.73	296
143	GEN	PROCESS PHOTO CENTRE LTD.	529 Bank St. Ottawa ON K2P 1Z5	ENE/249.5	7.73	297
144	SCT	PRINTING HOUSE LTD THE	523 BANK ST OTTAWA ON K2P 1Z5	ENE/249.7	7.73	297
144	GEN	PRINTING HOUSE LTD., THE	523 BANK STREET OTTAWA ON K2P 1Z5	ENE/249.7	7.73	297

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 52 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	SW	68.54	2
	ON	E	90.47	9
	ON	ENE	105.46	11
	ON	W	110.05	13
	ON	ESE	110.66	15
	ON	ESE	114.61	19
	ON	ESE	116.16	20
	ON	SE	116.45	21
	ON	ESE	123.47	23
	ON	E	132.57	30

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	ESE	135.10	32
	ON	E	143.87	39
	ON	ESE	166.47	55
	ON	E	166.69	56
	ON	ESE	167.33	57
	ON	E	171.48	58
	ON	E	172.51	60
	ON	ENE	178.19	65
	ON	SSW	179.77	68
	ON	E	188.51	79
	ON	SSW	191.66	81

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	ENE	193.90	83
	ON	E	197.41	86
	ON	E	199.70	90
	ON	E	202.00	93
	ON	WNW	203.98	97
	ON	E	211.03	104
	ON	E	224.65	118
	ON	SW	229.74	123
	ON	E	230.82	125
	ON	SW	232.56	126
	ON	E	237.53	132

Lower Elevation	Address	Direction	Distance (m)	Map Key

ON	S	87.59	6
ON	SE	107.27	12
ON	SE	110.06	14
ON	SSE	113.82	18
ON	S	129.21	26
ON	SE	134.67	31
ON	SW	136.25	33
ON	SSE	139.80	34
ON	SE	141.29	37
ON	ESE	141.91	38
ON	ESE	145.07	40
ON	SSE	148.22	42
ON	SSW	150.07	43

ON	SSW	156.24	49
ON	S	158.27	50
ON	SSW	181.75	71
ON	S	187.79	78
ON	SSW	221.91	113
ON	SSW	229.82	124
ON	S	248.89	138

CA - Certificates of Approval

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	138-148 Arlington Avenue Ottawa ON K1R 5S7	WSW	140.68	35
R.M. OF OTTAWA-CARLETON	ARLINGTON ST./KENT ST./BANK ST OTTAWA CITY ON	NE	172.28	59
Sonnett Realty (1986) Inc.	534 Bank Street Ottawa ON	E	217.87	109

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Your Credit Union Limited	14 Chamberlain Avenue Ottawa ON K1S 1V9	ESE	238.90	133
OTTAWA CITY - FLORENCE ST.	BAY ST./CATHERINE ST. OTTAWA CITY ON	WSW	245.82	134
R.M. OF OTTAWA-CARLETON - FLORENCE ST.	BAY ST./CATHERINE ST. OTTAWA CITY ON	WSW	245.82	134
	400 McLeod Street Ottawa ON K2P 1A6	NNE	249.42	139

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Jul 31, 2020 has found that there are 2 EASR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
TAGGART CONSTRUCTION LIMITED	468 McLeod ST Ottawa ON K1R 5P8	WNW	213.09	106
1043130 Ontario Inc. O/A Alek's Auto Body	480 GLADSTONE AVE OTTAWA ON K1R 5N8	NW	249.47	142

EBR - Environmental Registry

A search of the EBR database, dated 1994-Jul 31, 2020 has found that there are 3 EBR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Greyhound Lines Inc	265 Catherine Street, Ottawa CITY OF OTTAWA ON	-	0.00	1
MacEwen Petroleum Inc	512-A Bank St, Ottawa, ON K2P 1Z6 CITY OF OTTAWA ON	ENE	207.34	100
CHSS International Investment & Management Ltd.	423-425 McLeod Street Ottawa, ON K2P 1A5 Canada ON	N	236.04	130

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jul 31, 2020 has found that there are 9 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
1030089 Ontario Limited	138-148 Arlington Avenue Ottawa ON K2A 0E7	WSW	132.18	29
Centretown Citizens Ottawa Corporation	143 Arlington Ave Ottawa ON K2P 2M8	W	164.08	54
The Canadian Red Cross Society	340 Catherine St Ottawa ON K2P 2P2	SW	178.35	67
Sonnett Realty (1986) Inc.	534 Bank Street Ottawa ON K2P 0A6	E	217.87	109
City of Ottawa	Lyon Street and McLeod Street Ottawa ON K2G 6J8	WNW	225.99	120
CHSS International Investment & Management Ltd.	423-425 McLeod Street 443-447 Kent Street Ottawa ON K2A 3A1	N	236.04	130
Your Credit Union Limited	14 Chamberlain Avenue Ottawa ON K1S 1V9	ESE	238.90	133
Domicile Holdings (2000) Inc.	400 McLeod Street Ottawa ON K2A 0E7	NNE	249.42	139
Taggart (Flora) Corporation	488 Bank Street Ottawa ON K2P 1P9	NE	249.42	140

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2020 has found that there are 25 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	107 Arlington Ave Ottawa ON K1R5S4	WNW	77.17	3
	506 Kent Street Ottawa ON K2P 2B9	NNE	83.52	5
	504 Kent Street Ottawa ON	N	110.81	16
	504 A Kent Street Ottawa ON K2P 2B9	N	110.81	16
	511 Kent Street Ottawa Ontario Ottawa ON K2P 2B8	NE	111.63	17
	511 Kent Street Ottawa Ontario Ottawa ON K2P 2B8	NE	111.63	17
	511 Kent Street Ottawa Ontario Ottawa ON K2P 2B8	NE	111.63	17
	n/a Ottawa ON K2P2G8	E	127.86	24
	327-331 Catherine Street Ottawa ON K1R 5T4	WSW	151.64	45
	327-331 Catherine Street Ottawa ON K1R 5T4	WSW	151.64	45
	320 Catharine St Ottawa ON K1R5T5	SW	156.07	47

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	320 Catherine Street Ottawa ON K1R 5T5	SW	156.12	48
	320 Catherine Street Ottawa ON K1R 5T5	SW	156.12	48
	320 Catherine Street Ottawa ON K1R 5T5	SW	156.12	48
	320 Catherine Street Ottawa ON K1R 5T5	SW	156.12	48
	143 Arlington Ave Ottawa ON K1R5S6	W	164.05	53
	240 Catherine Street Ottawa ON K2P 2G8	E	178.29	66
	340 Catherine St Ottawa ON K1R1C4	SW	178.35	67
	165 Arlington Avenue Ottawa ON K1R 5S6	W	200.40	91
	McLeod Street & Lyon Street Ottawa ON	NW	202.63	94
	510 Bank Street Ottawa ON K2P 1Z4	NE	246.88	136

Lower Elevation	Address	Direction	Distance (m)	Map Key
	64 Chamberlain Ave Ottawa ON K1S1V9	SSE	199.08	88

	30 Chamberlain Ave Ottawa ON K1S 1V9	ESE	200.89	92
	30 Chamberlain Ave Ottawa ON K1S 1V9	ESE	200.89	92
	72 Chamberlain Ave Ottawa ON K1S	SSE	202.63	95

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 24 EXP site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
VOYAGEUR COLONIAL LTD	265 CATHERINE ST OTTAWA ON	-	0.00	1
MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE	81.18	4
MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE	81.18	4
MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE	81.18	4
MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE	81.18	4
MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE	81.18	4
MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE	81.18	4
MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE	81.18	4

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON	ESE	81.18	4
MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE	81.18	4
MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R 5T3	ESE	81.18	4
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON	ENE	207.34	100

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 6 FST site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
VOYAGEUR CORP	265 CATHERINE ST OTTAWA ON K1R 7S5	-	0.00	1
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 4 FSTH site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
VOYAGEUR CORP	265 CATHERINE ST OTTAWA ON K1R 7S5	-	0.00	1
VOYAGEUR CORP	265 CATHERINE ST OTTAWA ON K1R 7S5	-	0.00	1
MACEWEN PETROLEUM INC***	512 BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100
MACEWEN PETROLEUM INC***	512A BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2020 has found that there are 63 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
VOYAGEUR COLONIAL LTD.	265 CATHERINE ST. 2105 BANTREE ST. OTTAWA ON K1R 7S5	-	0.00	1
VOYAGEUR COLONIAL LTD.	265 CATHERINE ST. C/O 2105 BANTREE ST. OTTAWA ON K1R 7S5	-	0.00	1
VOYAGEUR COLONIAL LTD.	265 CATHERINE STREET OTTAWA ON K1R 7S5	-	0.00	1
VOYAGEUR COLONIAL LTD. 40-160	265 CATHERINE ST. C/O 2105 BANTREE ST. OTTAWA ON K1R 7S5	-	0.00	1

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
VOYAGEUR COLONIAL LIMITED	265 CATHERINE STREET OTTAWA ON K1R 7S5	-	0.00	1
Greyhound Canada Transportation Corp.	265 Catherine Street Ottawa ON K1R 7S5	-	0.00	1
Greyhound Canada Transportation Corp.	265 Catherine Street Ottawa ON K1R 7S5	-	0.00	1
Greyhound Canada Transportation Corp.	265 Catherine Street Ottawa ON K1R 7S5	-	0.00	1
Greyhound Canada ULC	265 Catherine Street Ottawa ON K1R 7S5	-	0.00	1
Greyhound Canada ULC	265 Catherine Street Ottawa ON K1R 7S5	-	0.00	1
Greyhound Canada ULC	265 Catherine Street Ottawa ON	-	0.00	1
Greyhound Canada ULC	265 Catherine Street Ottawa ON K1R 7S5	-	0.00	1
Greyhound Canada ULC	265 Catherine Street Ottawa ON K1R 7S5	-	0.00	1
Greyhound Canada ULC	265 Catherine Street Ottawa ON K1R 7S5	-	0.00	1
Greyhound Canada ULC	265 Catherine Street Ottawa ON K1R 7S5	-	0.00	1

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Greyhound Canada ULC	265 Catherine Street Ottawa ON K1R 7S5	-	0.00	1
MINUTE CAR WASH (OTTAWA) LTD.	270 CATHERINE STREET OTTAWA ON K1R 5T3	ESE	81.18	4
SAFETY VERMIN CONTROL	504-A Kent Street Ottawa ON K2P 2B9	N	110.81	16
Ottawa-Carleton District School Board	Glashan PS 28 Arlington Ave. Ottawa ON K2P 1C2	ENE	148.11	41
Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON K2P 1C2	ENE	148.11	41
Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON K2P 1C2	ENE	148.11	41
Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON K2P 1C2	ENE	148.11	41
Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON K2P 1C2	ENE	148.11	41
Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON	ENE	148.11	41
Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON K2P 1C2	ENE	148.11	41
Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON K2P 1C2	ENE	148.11	41
Ottawa-Carleton District School Board	28 Arlington Avenue Ottawa ON K2P 1C2	ENE	148.11	41

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Ottawa-Carleton District School Board Health & Safety	28 Arlington Avenue Ottawa ON K2P 1C2	ENE	148.11	41
Ottawa-Carleton District School Board Health & Safety	28 Arlington Avenue Ottawa ON K2P 1C2	ENE	148.11	41
RENTALEX LTD.	320 CATHERINE STREET OTTAWA ON K1R 5T5	SW	156.12	48
RENTALEX LIMITED	320 CATHERINE STREET OTTAWA ON K1R 5T5	SW	156.12	48
RENTAL SERVICE CORPORATION OF CANADA LTD	320 CATHERINE STREET OTTAWA ON K1R 5T5	SW	156.12	48
ALPHATEXT RONALDS PRINTING	240 CATHERING ST OTTAWA ON K2P 2G8	E	178.29	66
ALPHATEXT RONALDS PRINTING 02-115	240 CATHERING ST OTTAWA ON K2P 2G8	E	178.29	66
PRINTING HOUSE LTD.	240 CATHERINE STREET OTTAWA ON K2P 2G8	E	178.29	66
PRINTING HOUSE LTD., THE	240 CATHERINE STREET OTTAWA ON K2P 2G8	E	178.29	66
Maninvest Inc.	240 Catherine Ottawa ON K2P 2G8	E	178.29	66
PRINTING HOUSE LTD., THE	240 CATHERINE STREET OTTAWA ON K2P 2G8	E	178.29	66

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
PRINTING HOUSE LTD., THE	240 CATHERINE STREET OTTAWA ON K2P 2G8	E	178.29	66
Cima Canada Inc	240 Catherine St Suite 110 Ottawa ON K2P 2G8	E	178.29	66
240 Catherine Street Inc.	240 Catherine Street Ottawa ON K2P 2G8	E	178.29	66
GumDocs Dental Centre	240 Catherine Street Fourth Floor Ottawa ON K2P 2G8	E	178.29	66
1470201 ONTARIO INC.	335 CATHERINE ST OTTAWA ON K1R 5T4	WSW	181.22	70
1225763 ONTARIO INC.	333 CATHERINE STREET, UNIT 101 OTTAWA ON K1R 5T4	WSW	183.36	74
ALLSPORT RENTALS & SALES 02-779	512 BANK ST. OTTAWA ON K2P 1Z6	ENE	207.34	100
ALLSPORT RENTALS & SALES	512 BANK STREET OTTAWA ON K2P 1Z6	ENE	207.34	100
R.W. Tomlinson Ltd.	Kent Street at McLoed Street Ottawa ON K1R5P6	N	214.67	108
PRITCHARD ANDREWS	461 MCCLEOD OTTAWA ON K1R 5N8	WNW	222.66	115
PRINT ACTION LTD. 31-827	486 GLADSTONE AVE. OTTAWA ON K1R 5N8	NW	224.87	119
PRINT ACTION LIMITED	486 GLADSTONE AVENUE OTTAWA ON K1R 5N8	NW	224.87	119

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
LJ RIOPELLE	510 BANK ST OTTAWA ON K2P 1Z4	NE	246.88	136
OTTAWA MOUNTAIN MASTERS LTD.	519 BANK STREET OTTAWA ON K2P 1Z5	ENE	249.44	141
OTTAWA MOUNTAIN MASTERS LTD. 29-662	519 BANK ST. OTTAWA ON K2P 1Z5	ENE	249.44	141
PROCESS PHOTO CENTRE LTD.	529 BANK STREET OTTAWA ON K2P 1Z5	ENE	249.54	143
PROCESS PHOTO CENTRE LTD.	529 Bank St. Ottawa ON K2P 1Z5	ENE	249.54	143
PRINTING HOUSE LTD., THE	523 BANK STREET OTTAWA ON K2P 1Z5	ENE	249.68	144

Lower Elevation	Address	Direction	Distance (m)	Map Key
tannis food distributors	288 catherine st ottawa ON K1R 5T3	SSW	95.09	10
tannis trading	288 catherine st ottawa ON K1R 5T3	SSW	95.09	10
tannis trading	288 catherine st ottawa ON K1R 5T3	SSW	95.09	10
tannis trading	288 catherine st ottawa ON K1R 5T3	SSW	95.09	10
tannis trading	288 catherine st ottawa ON K1R 5T3	SSW	95.09	10

R.W. Tomlinson/CSST	Kent St and Chamberlain Ave Ottawa ON K1S 1V9	SE	173.96	61
R.W. Tomlinson/CSST	Kent St and Chamberlain Ave Ottawa ON K1S 1V9	SE	173.96	61

HINC - TSSA Historic Incidents

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	265 CATHERINE STREET OTTAWA ON K1R 7S5	-	0.00	1
	INTERSECTION OF BANK STREET & CATHERINE STREET OTTAWA ON	ENE	237.34	131

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.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
VOYAGEUR CORP	265 CATHERINE ST,,OTTAWA,ON, K1R 7S5,CA ON	-	0.00	1
VOYAGEUR CORP	265 CATHERINE ST,,OTTAWA,ON, K1R 7S5,CA ON	-	0.00	1

Lower Elevation	Address	Direction	Distance (m)	Map Key
	47 ROSEBERY AVE, OTTAWA ON	SE	233.92	128

PES - Pesticide Register

A search of the PES database, dated Oct 2011-Jul 31, 2020 has found that there are 7 PES site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
SAFETY VERMIN CONTROL MARETH LTD.	504A KENT STREET OTTAWA ON K2P 2B9	N	110.81	16
SAFETY VERMIN CONTROL / MARETH LTD.	504-A KENT STREET OTTAWA ON K2P2B9	N	110.81	16
SAFETY VERMIN CONTROL	504-A KENT ST OTTAWA ON K2P 2B9	N	110.81	16
SAFETY VERMIN CONTROL	504-A KENT ST OTTAWA ON K2P2B9	N	110.81	16
SAFETY VERMIN CONTROL	504-A KENT ST OTTAWA ON K2P2B9	N	110.81	16
SAFETY VERMIN CONTROL / MARETH LTD.	504-A KENT STREET OTTAWA ON K2P2B9	N	110.81	16
SAFETY VERMIN CONTROL	504A KENT ST OTTAWA ON K2P 2B9	N	110.81	16

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 6 PINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	452 MCLEOD STREET, OTTAWA ON	NW	176.24	62
	436 MCLEOD STREET, OTTAWA ON	NNW	177.22	63
	466 MCLEOD ST, OTTAWA ON	WNW	187.17	77

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	429 MCLEOD ST , OTTAWA ON	NNW	226.51	121
	482 MCLEOD ST., OTTTAWA ON	WNW	232.67	127

Lower Elevation	Address	Direction	Distance (m)	Map Key
	62 CHAMBERLAIN AVE, OTTAWA ON	SE	198.09	87

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 5 PRT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
VOYAGEUR COLONIAL LTD	265 CATHERINE ST OTTAWA ON K1R 7S5	-	0.00	1
VOYAGEUR COLONIAL LTD	265 CATHERINE ST OTTAWA ON K1R7S5	-	0.00	1
MINUTE CAR WASH OTTAWA LTD	270 CATHERINE ST OTTAWA ON K1R5T3	ESE	81.18	4
MACEWEN PETROLEUM INC	512 BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100
MACEWEN PETROLEUM INC	512A BANK ST OTTAWA ON K2P1Z6	ENE	207.34	100

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-May 2020 has found that there are 2 RSC site(s) within approximately

0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Dwell by Domicile Inc.	486 GLADSTONE AVE, OTTAWA, ON, K1R 5N8 Ottawa ON K1R 5N8	NW	224.87	119
	400 McLeod Street Ottawa ON K2P 1A6	NNE	249.42	139

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Jan 31, 2020 has found that there are 5 RST site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MACEWEN PETROLEUM INC	512 BANK ST OTTAWA ON K2P 1Z6	ENE	207.34	100
MACEWEN PETROLEUM INC	512 BANK ST OTTAWA ON K2P1Z6	ENE	207.34	100
MACEWEN PETROLEUM INC	512 BANK ST OTTAWA ON K2P1Z6	ENE	207.34	100
MACEWEN PETROLEUM INC	512A BANK ST OTTAWA ON K2P1Z6	ENE	207.34	100
MACEWEN PETROLIUM	520 BANK OTTAWA ON K1S 3T3	ENE	207.34	100

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 9 SCT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Corporate Express Office	240 rue Catherine Suite 103 Ottawa ON K2P 2G8	E	178.29	66

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
THE CANADA CHINA NEWS	240 CATHERINE ST SUITE 201 OTTAWA ON K2P 2G8	E	178.29	66
THE PRINTING HOUSE LTD	240 CATHERINE ST SUITE 105 OTTAWA ON K2P 2G8	E	178.29	66
THE PRINTING HOUSE LTD.	240 Catherine St Suite 105 Ottawa ON K2P 2G8	E	178.29	66
Enviro-Curb Manufacturing Inc.	333 Catherine St Suite 201 Ottawa ON K1R 5T4	WSW	183.36	74
PRINT ACTION LIMITED	486 GLADSTONE AVE OTTAWA ON K1R 5N8	NW	224.87	119
PRINTING HOUSE LTD THE	523 BANK ST OTTAWA ON K2P 1Z5	ENE	249.68	144

Lower Elevation	Address	Direction	Distance (m)	Map Key
KRUG FURNITURE INC.	68 CHAMBERLAIN AVE OTTAWA ON K1S 1V9	SSE	199.55	89
The Clones Society Inc.	30 Chamberlain Ave Ottawa ON K1S 1V9	ESE	200.89	92

SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019 has found that there are 25 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Greyhound Canada Transportation Corp.	265 Catherine St Ottawa ON K1R 7S5	-	0.00	1
Greyhound Canada Transportation Corp.	265 Catherine St Ottawa ON K1R 7S5	-	0.00	1

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Greyhound Canada Transportation Corp.	265 Catherine St Ottawa ON K1R 7S5	-	0.00	1
Greyhound Canada Transportation Corp.	265 Catherine St Ottawa ON K1R 7S5	-	0.00	1
Greyhound Canada Transportation Corp.	265 Catherine St Ottawa ON K1R 7S5	-	0.00	1
VOYAGEUR COLONIAL	265 CATHERINE STREET OTTAWA BUS TERMINAL 265 CATHERNIE STREET OTTAWA ON K1R 7S5	-	0.00	1
Tomlinson<UNOFFICIAL>	Kent Street and Catherine Street Ottawa ON	E	88.36	8
	504A Kent Street in Ottawa Ottawa ON	N	110.81	16
ULTRAMAR	ON THE ROAD AT THE CORNER OF LION & FLORA STREETS TANK TRUCK (CARGO) OTTAWA CITY ON	WNW	159.79	52
	452 Mcleod Street Ottawa ON	NW	176.24	62
Enbridge Gas Distribution Inc.	436 McLeod Street Ottawa ON	NNW	177.22	63
PRIVATE RESIDENCE	477 KENT STREET FURNACE OIL TANK OTTAWA CITY ON K2P 2B6	N	178.01	64
Ultramar Limited	Florence Lackey, 462 McLeod Street Ottawa ON K1R 5P6	WNW	184.91	75

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Enbridge Gas Distribution Inc.	466 Mcleod St Ottawa ON	WNW	187.17	77
	497 Lyon Street Ottawa ON	WNW	194.14	84
MACEWEN FUELS	512 BANK STREET SERVICE STATION OTTAWA CITY ON K2P 1Z6	ENE	207.34	100
MACEWEN FUELS	512 A BANK STREET SERVICE STATION OTTAWA CITY ON K2P 1Z6	ENE	207.34	100
MACEWEN FUELS	512 A BANK STREET SERVICE STATION CUMBERLAND TOWNSHIP ON K2P 1Z6	ENE	207.34	100
	17 Arlington St. Ottawa ON K2P 1C1	NE	209.38	103
	502 Bank Street Ottawa ON K2P 1Z4	NE	218.03	110
OTTAWA-CARLETON TRANSPORT	BANK ST, NORTHBOUND AT CORNER OF CATHERINE ST OTTAWA CITY ON	ENE	237.34	131
PETRO-CANADA	488 BANK ST. (EUROPEAN GLASS & PAINT) TANK TRUCK (CARGO) OTTAWA CITY ON K2P 1Z4	NE	249.42	140

Lower Elevation	Address	Direction	Distance (m)	Map Key
R.W. Tomlinson Limited	Corner of Kent St. and Chamberlain Ave. (at the Y) Ottawa ON	SE	173.96	61
Enbridge Gas Distribution Inc.	62 Chamberlaine Ave Ottawa ON	SE	198.09	87

ESSO PETROLEUM CANADA	45 ROSEBERG TANK TRUCK (CARGO) OTTAWA CITY ON	SE	235.05	129

WWIS - Water Well Information System

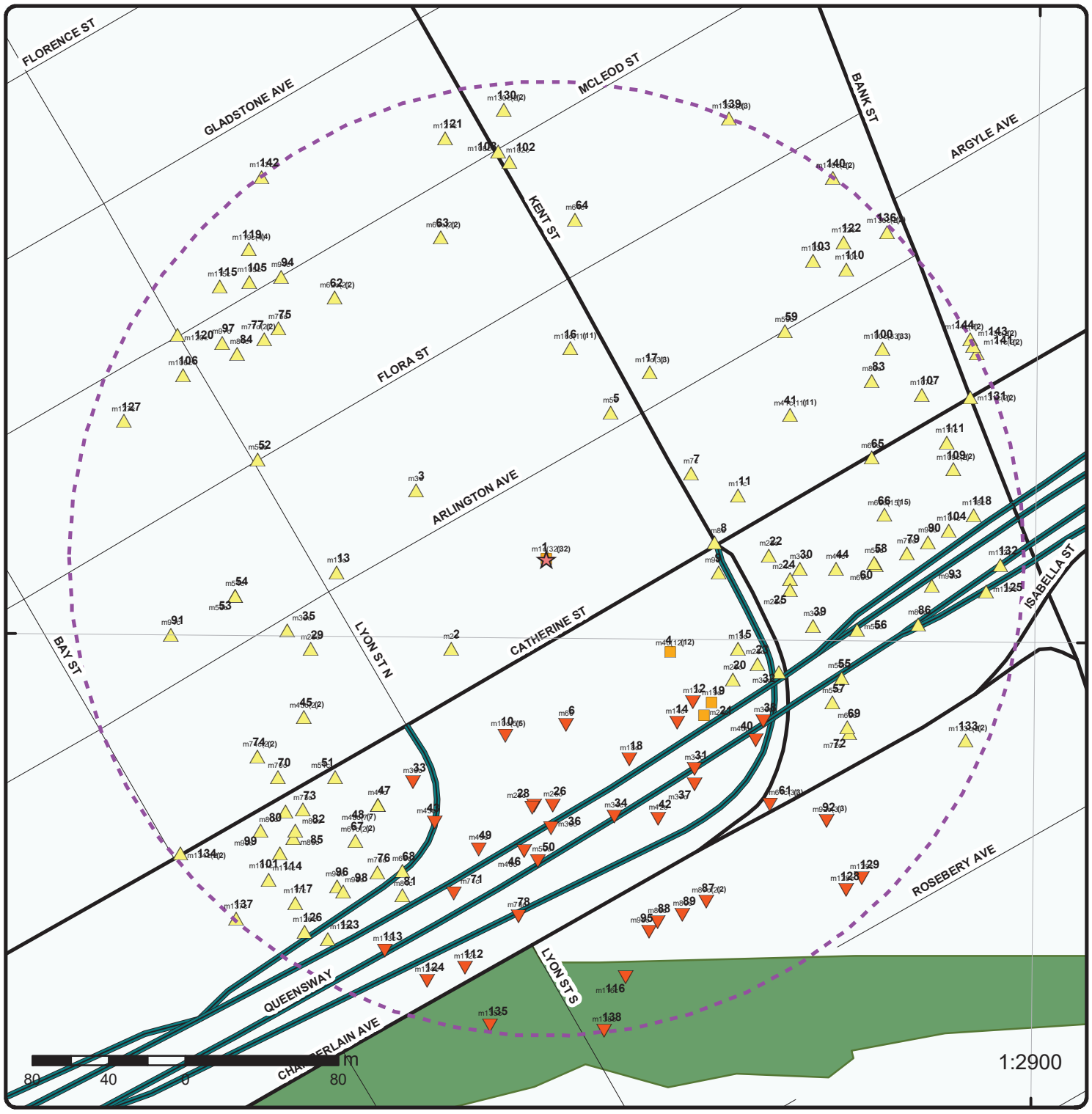
A search of the WWIS database, dated Apr 30, 2020 has found that there are 31 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	CATHERINE & KENT ST. OTTAWA ON ***Well ID:*** 7215437	ENE	87.77	7
	240 CATHERINE STREET OTTAWA ON ***Well ID:*** 7269210	E	116.49	22
	240 CATHERINE STREET Ottawa ON ***Well ID:*** 7269211	E	128.50	25
	240 CATHERINE STREET Ottawa ON ***Well ID:*** 7269212	E	151.56	44
	340 CATHERINE ST Ottawa ON ***Well ID:*** 7300807	SW	158.92	51
	CHAMBERLAN AVE & KENT STREET Ottawa ON ***Well ID:*** 7241181	ESE	180.49	69
	CHAMBERLAIN AVE & KENT ST Ottawa ON ***Well ID:*** 7241180	ESE	182.84	72
	340 CATHERINE ST OTTAWA ON ***Well ID:*** 7305583	SW	182.96	73
	340 CATHERINE ST OTTAWA ON ***Well ID:*** 7300804	SW	186.54	76

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	340 CATHERINE ST OTTAWA ON ***Well ID:*** 7305584	SW	190.04	80
	340 CATHERINE ST OTTAWA ON ***Well ID:*** 7305585	SW	193.70	82
	340 CATHERINE ST OTTAWA ON ***Well ID:*** 7300806	SW	197.32	85
	340 CATHERINE STREET Ottawa ON ***Well ID:*** 7338542	SW	203.23	96
	340 CATHERINE ST OTTAWA ON ***Well ID:*** 7300805	SW	204.18	98
	350 CATHERINE ST Ottawa ON ***Well ID:*** 7313092	SW	206.34	99
	350 CATHERINE ST. OTTAWA ON ***Well ID:*** 7296639	SW	207.95	101
	ON ***Well ID:*** 7301137	N	208.72	102
	LYON & MCLEOD STREET Ottawa ON ***Well ID:*** 7270084	WNW	212.50	105
	512 BANK STREET Ottawa ON ***Well ID:*** 7122877	ENE	214.39	107
	240 CATHEINE ST OTTAWA ON ***Well ID:*** 7048032	ENE	218.12	111
	350 CATHERINE ST Ottawa ON	SW	222.41	114

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 7313091			
	350 CATHERINE ST. OTTAWA ON ***Well ID:*** 7296640	SW	223.09	117
	510 BANKL ST OTTAWA ON ***Well ID:*** 1536050	NE	227.30	122
	360 CATHERINE ST Ottawa ON ***Well ID:*** 7313089	SW	248.66	137

Lower Elevation	Address	Direction	Distance (m)	Map Key
	506 KENT ST Ottawa ON ***Well ID:*** 7321561	S	129.36	27
	506 KENT ST Ottawa ON ***Well ID:*** 7321562	S	130.41	28
	506 KENT ST Ottawa ON ***Well ID:*** 7321627	S	141.21	36
	506 KENT ST Ottawa ON ***Well ID:*** 7321563	S	153.63	46
	In front of 78 Cramberlaw Avenue Ottawa ON ***Well ID:*** 7338540	SSW	218.37	112
	CENTRAL PARK, NEAR LION ST. + CHAMBERLAIN AVE. OTTAWA ON ***Well ID:*** 7267674	SSE	223.08	116
	78180 CHAMBERLAIN AVENUE Ottawa ON ***Well ID:*** 7253250	S	245.97	135



Map : 0.25 Kilometer Radius

Order Number: 20282800120

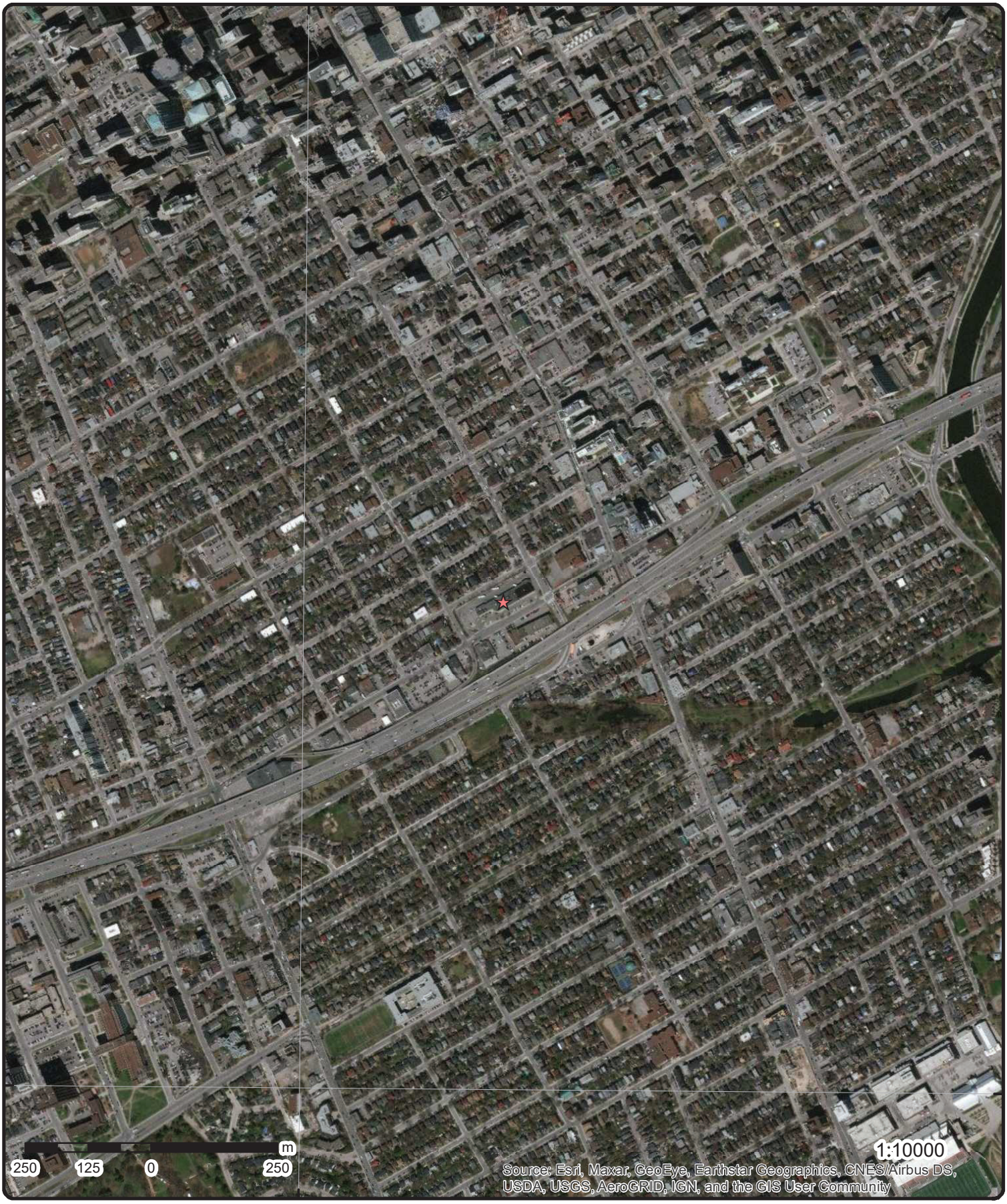
Address: 265 Catherine Street, Ottawa, ON

ENVIRONMENTAL RISK INFORMATION SERVICES

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

Source: © 2015 DMTI Spatial Inc.

75°42'W



Aerial **Year: 2019**

Order Number: 20282800120

Address: 265 Catherine Street, Ottawa, ON

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES

Topographic Map

Address: 265 Catherine Street, ON

Source: ESRI World Topographic Map

Order Number: 20282800120

ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 32	-/0.0	71.9 / 0.00	VOYAGEUR COLONIAL LTD 265 CATHERINE ST OTTAWA ON K1R 7S5	PRT

Location ID: 10909
Type: private
Expiry Date:
Capacity (L): 0.00
Licence #: 0001058976

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 32	-/0.0	71.9 / 0.00	VOYAGEUR COLONIAL LTD 265 CATHERINE ST OTTAWA ON K1R7S5	PRT

Location ID: 10909
Type: retail
Expiry Date: 1994-12-31
Capacity (L): 45000
Licence #: 0024283005

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 32	-/0.0	71.9 / 0.00	VOYAGEUR COLONIAL 265 CATHERINE STREET OTTAWA BUS TERMINAL 265 CATHERNIE STREET OTTAWA ON K1R 7S5	SPL

Ref No: 187935
Site No:
Incident Dt: 10/4/2000
Year:
Incident Cause: WASTEWATER DISCHARGE TO WATERCOURSE
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/WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/4/2000
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: VOYAGEUR COLONIAL:SPILL OF UNK VOLUME SEWAGE/ CHEMICALS TO STORM.WORKS
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: OTTAWA WORKS DEPT.
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	4 of 32	-/0.0	71.9 / 0.00	VOYAGEUR COLONIAL LTD. 265 CATHERINE ST. 2105 BANTREE ST. OTTAWA ON K1R 7S5	GEN

Generator No: ON0340201
Status:
Approval Years: 86,87,88
Contam. Facility:
MHSW Facility:
SIC Code: 4572
SIC Description: INTERURBAN/RURAL TR.

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

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	5 of 32	-/0.0	71.9 / 0.00	VOYAGEUR COLONIAL LTD. 265 CATHERINE ST. C/O 2105 BANTREE ST. OTTAWA ON K1R 7S5	GEN

Generator No: ON0340201
Status:
Approval Years: 89,90
Contam. Facility:
MHSW Facility:
SIC Code: 4572
SIC Description: INTERURBAN/RURAL TR.

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

Detail(s)

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	6 of 32	-/0.0	71.9 / 0.00	VOYAGEUR COLONIAL LTD. 265 CATHERINE STREET OTTAWA ON K1R 7S5	GEN

Generator No: ON0340201
Status:
Approval Years: 92,93,97
Contam. Facility:
MHSW Facility:
SIC Code: 4572
SIC Description: INTERURBAN/RURAL TR.

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	7 of 32	-/0.0	71.9 / 0.00	VOYAGEUR COLONIAL LTD. 40-160 265 CATHERINE ST. C/O 2105 BANTREE ST. OTTAWA ON K1R 7S5	GEN

Generator No: ON0340201
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 4572
SIC Description: INTERURBAN/RURAL TR.

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

Detail(s)

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	8 of 32	-/0.0	71.9 / 0.00	VOYAGEUR COLONIAL LIMITED 265 CATHERINE STREET OTTAWA ON K1R 7S5	GEN

Generator No: ON0340201
Status:
Approval Years: 98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 4572
SIC Description: INTERURBAN/RURAL TR.

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	9 of 32	-/0.0	71.9 / 0.00	Greyhound Canada Transportation Corp. 265 Catherine Street Ottawa ON K1R 7S5	GEN

Generator No: ON5820251
Status:
Approval Years: 02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	10 of 32	-/0.0	71.9 / 0.00	VOYAGEUR CORP 265 CATHERINE ST OTTAWA ON K1R 7S5	FSTH

License Issue Date: 3/8/2002
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Retail Fuel Outlet
Facility Type: Gasoline Station - Full Serve

--Details--
Status: Active
Year of Installation: 1990
Corrosion Protection:
Capacity: 10000
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	11 of 32	-/0.0	71.9 / 0.00	Greyhound Canada Transportation Corp. 265 Catherine St Ottawa ON K1R 7S5	SPL

Ref No: 4224-7KL3JT
Site No:
Incident Dt:
Year:
Incident Cause: Unknown
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/19/2008
Dt Document Closed: 12/3/2008
Incident Reason: Unknown - Reason not determined
Site Name: Greyhound Canada - Ottawa Terminal
Site County/District:
Site Geo Ref Meth:
Incident Summary: Greyhound: Spill of diesel to ground and separator.
Contaminant Qty: 0 L

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: Land Spills
Source Type:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	12 of 32	-/0.0	71.9 / 0.00	VOYAGEUR CORP 265 CATHERINE ST OTTAWA ON K1R 7S5	FSTH

License Issue Date: 3/8/2002
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Retail Fuel Outlet
Facility Type: Gasoline Station - Full Serve

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

--Details--
Status: Active
Year of Installation: 1990
Corrosion Protection:
Capacity: 10000
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

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1 | 13 of 32 | -/0.0 | 71.9 / 0.00 | **Greyhound Canada Transportation Corp.**
265 Catherine St
Ottawa ON K1R 7S5 | SPL

Ref No: 2334-85KM7B
Site No:
Incident Dt:
Year:
Incident Cause: Other Discharges
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/18/2010
Dt Document Closed: 6/10/2010
Incident Reason: Equipment Failure - Malfunction of system components
Site Name: Greyhound Canada - Ottawa Terminal
Site County/District:
Site Geo Ref Meth:
Incident Summary: Greyhound Canada: 50 L diesel to asphalt
Contaminant Qty: 50 L

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: NA
Easting: NA
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills
Source Type:

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1 | 14 of 32 | -/0.0 | 71.9 / 0.00 | **Greyhound Canada Transportation Corp.**
265 Catherine St
Ottawa ON K1R 7S5 | SPL

Ref No: 2625-8JNVCW
Site No:
Incident Dt: 7/11/2011
Year:
Incident Cause:
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
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: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/11/2011

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address: 265 Catherine St
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:

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

Dt Document Closed:	11/22/2011	**SAC Action Class:**	Land Spills
Incident Reason:		**Source Type:**	
Site Name:	Greyhound Canada - Ottawa Terminal		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Greyhound: bus leaking diesel to grnd		
Contaminant Qty:	4 L		

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1 | **15 of 32** | **-/0.0** | **71.9 / 0.00** | **Greyhound Canada Transportation Corp.**
265 Catherine St
Ottawa ON K1R 7S5 | **SPL**

Ref No:	4617-8MPMDX	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	10/16/2011	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Other Discharges	**Sector Type:**	Other
Incident Event:		**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	DIESEL FUEL	**Site Address:**	265 Catherine St
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:**	NA
MOE Response:	No Field Response	**Easting:**	NA
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	10/16/2011	**Site Map Datum:**	
Dt Document Closed:	11/22/2011	**SAC Action Class:**	TSSA - Fuel Safety Branch
Incident Reason:	Equipment Failure - Malfunction of system components	**Source Type:**	
Site Name:	Greyhound Canada - Ottawa Terminal		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Greyhound: 60L Diesel to grnd, interceptor		
Contaminant Qty:	60 L		

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1 | **16 of 32** | **-/0.0** | **71.9 / 0.00** | **Greyhound Canada Transportation Corp.**
265 Catherine St
Ottawa ON K1R 7S5 | **SPL**

Ref No:	0864-8MQKKU	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	10/17/2011	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Other Discharges	**Sector Type:**	Service Station
Incident Event:		**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	DIESEL FUEL	**Site Address:**	265 Catherine St
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:	Sewage - Municipal/Private and Commercial	**Site Conc:**	
Receiving Env:		**Northing:**	NA
MOE Response:	No Field Response	**Easting:**	NA
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	

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

MOE Reported Dt:	10/17/2011	**Site Map Datum:**	
Dt Document Closed:	11/22/2011	**SAC Action Class:**	TSSA - Fuel Safety Branch
Incident Reason:	Error- Operator error	**Source Type:**	
Site Name:	Greyhound Canada - Ottawa Terminal		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA - greyhound terminal ottawa, 200 L diesel		
Contaminant Qty:	200 L		

1	17 of 32	-/0.0	71.9 / 0.00	**265 CATHERINE STREET** **OTTAWA ON K1R 7S5**	HINC

External File Num:	FS INC 0810-06255
Fuel Occurrence Type:	Discovery of a Petroleum Product
Date of Occurrence:	10/19/2008
Fuel Type Involved:	Diesel
Status Desc:	Pending Root Cause Attribution Validation
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Commercial (e.g. restaurant, business unit, etc)
Service Interruptions:	No
Property Damage:	No
Fuel Life Cycle Stage:	Utilization
Root Cause:	Root Cause: Equipment/Material/Component:Yes Procedures:Yes Maintenance:No Design:No Training: No Management:Yes Human Factors:No
Reported Details:	Greyhound Ottawa Terminal
Fuel Category:	Liquid Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Ottawa
Approx. Quant. Rel:	700
Nearby body of water:	No
Enter Drainage Syst.:	Yes
Approx. Quant. Unit:	Liters
Environmental Impact:	product found in tank nest monitoring well and got into the onsite drainage system.

1	18 of 32	-/0.0	71.9 / 0.00	**VOYAGEUR COLONIAL LTD** **265 CATHERINE ST** **OTTAWA ON**	EXP

Instance No:	9413798
Instance ID:	386375
Instance Type:	FS Facility
Description:	Fuels Safety Private Fuel Outlet - Self Serve
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

1	19 of 32	-/0.0	71.9 / 0.00	**Greyhound Canada Transportation Corp.** **265 Catherine Street** **Ottawa ON K1R 7S5**	GEN

Generator No:	ON5820251	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2009	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	485990		
SIC Description:	Other Transit and Ground Passenger Transportation		

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

Detail(s)

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

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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1 ***20 of 32*** ***-/0.0*** ***71.9 / 0.00*** ***Greyhound Canada Transportation Corp.***
265 Catherine Street
Ottawa ON K1R 7S5 ***GEN***

Generator No: ON5820251
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 485990
SIC Description: Other Transit and Ground Passenger Transportation

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

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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

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1 ***21 of 32*** ***-/0.0*** ***71.9 / 0.00*** ***Greyhound Canada ULC***
265 Catherine Street
Ottawa ON K1R 7S5 ***GEN***

Generator No: ON5820251
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 485990
SIC Description: Other Transit and Ground Passenger Transportation

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

Detail(s)

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

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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1 ***22 of 32*** ***-/0.0*** ***71.9 / 0.00*** ***VOYAGEUR CORP***
265 CATHERINE ST
OTTAWA ON K1R 7S5 ***FST***

Instance No: 10902117
Cont Name:
Instance Type: FS Liquid Fuel Tank
Fuel Type: Diesel
Status: Active
Capacity: 38000
Tank Material: Steel
Corrosion Protection: Impressed Current

Tank Type: Single Wall UST
Install Year: 1990
Parent Facility Type: FS Gasoline Station - Full Serve
Facility Type: FS Liquid Fuel Tank

---

1 **23 of 32** **-/0.0** **71.9 / 0.00** **Greyhound Canada ULC** **GEN**
265 Catherine Street
Ottawa ON K1R 7S5

Generator No: ON5820251
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 485990
SIC Description: Other Transit and Ground Passenger Transportation

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

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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

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1 **24 of 32** **-/0.0** **71.9 / 0.00** **Greyhound Canada ULC** **GEN**
265 Catherine Street
Ottawa ON

Generator No: ON5820251
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 485990
SIC Description:

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

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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

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1 **25 of 32** **-/0.0** **71.9 / 0.00** **Greyhound Canada ULC** **GEN**
265 Catherine Street
Ottawa ON K1R 7S5

Generator No: ON5820251
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 485990
SIC Description: 485990

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Jennifer Fortuna
Phone No Admin: 289-288-4359 Ext.1243

Detail(s)

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

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

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1 | **26 of 32** | **-/0.0** | **71.9 / 0.00**

Greyhound Canada ULC
265 Catherine Street
Ottawa ON K1R 7S5

GEN

Generator No: ON5820251
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 485990
SIC Description: 485990

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Jennifer Fortuna
Phone No Admin: 289-288-4359 Ext.1243

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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

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1 | **27 of 32** | **-/0.0** | **71.9 / 0.00**

Greyhound Canada ULC
265 Catherine Street
Ottawa ON K1R 7S5

GEN

Generator No: ON5820251
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 485990
SIC Description: 485990

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Jennifer Fortuna
Phone No Admin: 289-288-4359 Ext.

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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

---

1 | **28 of 32** | **-/0.0** | **71.9 / 0.00**

Greyhound Canada ULC
265 Catherine Street
Ottawa ON K1R 7S5

GEN

Generator No: ON5820251
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	29 of 32	-/0.0	71.9 / 0.00	Greyhound Lines Inc 265 Catherine Street, Ottawa CITY OF OTTAWA ON	EBR

EBR Registry No: 013-3737
Ministry Ref No: SR 2390102
Notice Type: Instrument Decision
Notice Stage:
Notice Date: October 15, 2018
Proposal Date: September 11, 2018
Year: 2018
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: Liquid Fuels Handling Code Section - Liquid Fuels Handling Code
Off Instrument Name:
Posted By:
Company Name: Greyhound Lines Inc(Liquid Fuels Handling Code) - Liquid Fuels Handling Code Section
Site Address:
Location Other:
Proponent Name: Greyhound Lines Inc
Proponent Address: 600 Vine Street
Cincinatti OHIO
USA 45202
Comment Period:
URL: http://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTM2MDM4&statusId=MjA3NzA0&language=en

Site Location Details:

265 Catherine Street, Ottawa
CITY OF OTTAWA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	30 of 32	-/0.0	71.9 / 0.00	Greyhound Canada ULC 265 Catherine Street Ottawa ON K1R 7S5	GEN

Generator No: ON5820251
Status: Registered
Approval Years: As of Apr 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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

Waste Class: 221 I
Waste Class Desc: Light fuels

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	31 of 32	-/0.0	71.9 / 0.00	VOYAGEUR CORP 265 CATHERINE ST,,OTTAWA,ON,K1R 7S5,CA ON	INC

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

Incident No:	673468	**Any Health Impact:**	
Incident ID:		**Any Enviro Impact:**	
Instance No:	9569160	**Service Interrupted:**	
Status Code:		**Was Prop Damaged:**	
Attribute Category:	FS-Incident	**Reside App. Type:**	
Context:	FS Facility	**Commer App. Type:**	
Date of Occurrence:	10/17/2011	**Indus App. Type:**	
Time of Occurrence:		**Institut App. Type:**	
Incident Created On:	10/17/2011	**Venting Type:**	
Instance Creation Dt:	2/19/1999	**Vent Conn Mater:**	
Instance Install Dt:	2/19/1999	**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: 265 CATHERINE ST,,OTTAWA,ON,K1R 7S5,CA
Occurence Narrative:
Operation Type Involved:
Item: FS GASOLINE STATION - FULL SERVE
Item Description: FS Gasoline Station - Full Serve
Device Installed Location: 265 CATHERINE ST OTTAWA K1R 7S5 ON CA

1	32 of 32	-/0.0	71.9 / 0.00	**VOYAGEUR CORP** **265 CATHERINE ST,,OTTAWA,ON,K1R 7S5,CA** **ON**	INC

Incident No:	673220	**Any Health Impact:**	
Incident ID:		**Any Enviro Impact:**	
Instance No:	9569160	**Service Interrupted:**	
Status Code:		**Was Prop Damaged:**	
Attribute Category:	FS-Incident	**Reside App. Type:**	
Context:	FS Facility	**Commer App. Type:**	
Date of Occurrence:	10/17/2011	**Indus App. Type:**	
Time of Occurrence:		**Institut App. Type:**	
Incident Created On:	10/17/2011	**Venting Type:**	
Instance Creation Dt:	2/19/1999	**Vent Conn Mater:**	
Instance Install Dt:	2/19/1999	**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: 265 CATHERINE ST,,OTTAWA,ON,K1R 7S5,CA
Occurence Narrative:
Operation Type Involved:
Item: FS GASOLINE STATION - FULL SERVE
Item Description: FS Gasoline Station - Full Serve
Device Installed Location: 265 CATHERINE ST OTTAWA K1R 7S5 ON CA

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2 **1 of 1** **SW/68.5** **72.0 / 0.08** **ON** **BORE**

Borehole ID:	613176	**Inclin FLG:**	No
OGF ID:	215514479	**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:**	45.408281
Total Depth m:	-999	**Longitude DD:**	-75.695551
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445571
Drill Method:		**Northing:**	5028542
Orig Ground Elev m:	71.6	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	67.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218394024	**Mat Consistency:**	Dense
Top Depth:	7.9	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	Fine
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:			

Stratum Description: BEDROCK. HARD. SAND. 00860060003NE. DENSE. SAND-FINE. VERY DENSE. SAND. DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	218394019	**Mat Consistency:**	Firm
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.4	**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. FIRM.

Geology Stratum ID: 218394020
Top Depth: 2.4
Bottom Depth: 4.6
Material Color:
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. COMPACT.

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

Geology Stratum ID: 218394021
Top Depth: 4.6
Bottom Depth: 6.1
Material Color:
Material 1: Sand
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND. COMPACT.

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

Geology Stratum ID: 218394023
Top Depth: 7
Bottom Depth: 7.9
Material Color:
Material 1: Sand
Material 2: Gravel
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND.

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

Geology Stratum ID: 218394022
Top Depth: 6.1
Bottom Depth: 7
Material Color:
Material 1: Sand
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND. LOOSE.

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

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: H
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 056840 NTS_Sheet: 31G05G
Confiden 1: Logged by professional. Exact and complete description of material and properties.

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

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
3	1 of 1	WNW/77.2	73.4 / 1.51	107 Arlington Ave Ottawa ON K1R5S4	EHS

Order No:	20170922013	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	28-SEP-17	**Search Radius (km):**	.25
Date Received:	22-SEP-17	**X:**	-75.695797
Previous Site Name:		**Y:**	45.409025
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 12	ESE/81.2	71.9 / 0.00	MINUTE CAR WASH OTTAWA LTD 270 CATHERINE ST OTTAWA ON K1R5T3	PRT

Location ID:	10910
Type:	retail
Expiry Date:	1995-05-31
Capacity (L):	90800
Licence #:	0019603001

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	2 of 12	ESE/81.2	71.9 / 0.00	MINUTE CAR WASH (OTTAWA) LTD. 270 CATHERINE STREET OTTAWA ON K1R 5T3	GEN

Generator No:	ON2336400	**PO Box No:**	
Status:		**Country:**	
Approval Years:	97,98,99,00,01,02,03,04	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	6391		
SIC Description:	CAR WASHES		

Detail(s)

Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	3 of 12	ESE/81.2	71.9 / 0.00	MINUTE CAR WASH OTTAWA LTD 270 CATHERINE ST OTTAWA ON K1R 5T3	EXP

Instance No:	9527914
Instance ID:	
Instance Type:	FS Facility
Description:	
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	5/17/1994

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	4 of 12	ESE/81.2	71.9 / 0.00	MINUTE CAR WASH OTTAWA LTD 270 CATHERINE ST	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				OTTAWA ON K1R 5T3	

Instance No: 11328947
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 5/17/1994

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	5 of 12	ESE/81.2	71.9 / 0.00	MINUTE CAR WASH OTTAWA LTD 270 CATHERINE ST OTTAWA ON K1R 5T3	EXP

Instance No: 11328928
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 5/17/1994

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	6 of 12	ESE/81.2	71.9 / 0.00	MINUTE CAR WASH OTTAWA LTD 270 CATHERINE ST OTTAWA ON K1R 5T3	EXP

Instance No: 11328969
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 5/17/1994

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	7 of 12	ESE/81.2	71.9 / 0.00	MINUTE CAR WASH OTTAWA LTD 270 CATHERINE ST OTTAWA ON K1R 5T3	EXP

Instance No: 10902127
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 5/17/1994

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	8 of 12	ESE/81.2	71.9 / 0.00	MINUTE CAR WASH OTTAWA LTD 270 CATHERINE ST OTTAWA ON	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance No:		11328988			
Instance ID:		78385			
Instance Type:		FS Piping			
Description:		FS Piping			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
4	9 of 12	ESE/81.2	71.9 / 0.00	MINUTE CAR WASH OTTAWA LTD 270 CATHERINE ST OTTAWA ON K1R 5T3	EXP
Instance No:		11328969			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:		FS Gasoline Station - Self Serve			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:		FS Liquid Fuel Tank			
Expired Date:		5/17/1994			
4	10 of 12	ESE/81.2	71.9 / 0.00	MINUTE CAR WASH OTTAWA LTD 270 CATHERINE ST OTTAWA ON K1R 5T3	EXP
Instance No:		10902127			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:		FS Gasoline Station - Self Serve			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:		FS Liquid Fuel Tank			
Expired Date:		5/17/1994			
4	11 of 12	ESE/81.2	71.9 / 0.00	MINUTE CAR WASH OTTAWA LTD 270 CATHERINE ST OTTAWA ON K1R 5T3	EXP
Instance No:		11328947			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:		FS Gasoline Station - Self Serve			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:		FS Liquid Fuel Tank			
Expired Date:		5/17/1994			
4	12 of 12	ESE/81.2	71.9 / 0.00	MINUTE CAR WASH OTTAWA LTD 270 CATHERINE ST OTTAWA ON K1R 5T3	EXP
Instance No:		11328928			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			

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

Description: FS Gasoline Station - Self Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 5/17/1994

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5 | **1 of 1** | **NNE/83.5** | **72.9 / 1.03** | **506 Kent Street Ottawa ON K2P 2B9** | **EHS**

Order No: 20180719035
Status: C
Report Type: Standard Report
Report Date: 24-JUL-18
Date Received: 19-JUL-18
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): .25
X: -75.694498
Y: 45.409399

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6 | **1 of 1** | **S/87.6** | **70.9 / -1.00** | **ON** | **BORE**

Borehole ID: 613170
OGF ID: 215514473
Status:
Type: Borehole
Use:
Completion Date: AUG-1971
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 5.6
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 68.2
Elev Reliabil Note:
DEM Ground Elev m: 70.3
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: 45.407926
Longitude DD: -75.69478
UTM Zone: 18
Easting: 445631
Northing: 5028502
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218393995
Top Depth: 0
Bottom Depth: 1.8
Material Color:
Material 1:
Material 2: Sand
Material 3: Humus
Material 4: Gravel
Gsc Material Description:
Stratum Description: ARTIFICIAL.

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

Geology Stratum ID: 218393997
Top Depth: 3.3
Bottom Depth: 3.5
Material Color: Grey
Material 1: Clay

Mat Consistency: Soft
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:

Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. GREY,SOFT.		

Geology Stratum ID:	218393998	**Mat Consistency:**	Dense
Top Depth:	3.5	**Material Moisture:**	
Bottom Depth:	5.6	**Material Texture:**	Fine
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. STIFF,FISSURED. 00000 045 00060 034 0000000400060003NE. DENSE. SAND-FINE. V **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218393996	**Mat Consistency:**	
Top Depth:	1.8	**Material Moisture:**	
Bottom Depth:	3.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:		**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	Humus	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	ARTIFICIAL.		

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: 056780 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		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 1	ENE/87.8	73.0 / 1.15	CATHERINE & KENT ST. OTTAWA ON	WWIS

Well ID:	7215437	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	1/27/2014
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	4875
Casing Material:		**Form Version:**	7
Audit No:	Z163817	**Owner:**	
Tag:	A142277	**Street Name:**	CATHERINE & KENT ST.
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP

Elevation Reliability:		**Site Info:**	GAL BH 13-232
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\7215437.pdf

Bore Hole Information

Bore Hole ID:	1004698478	**Elevation:**	69.519653
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445696
Code OB Desc:		**North83:**	5028634
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/28/2013	**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:	1005038140
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.44
Formation End Depth:	12.81
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005038139
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	2.44
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005038141
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.81
Formation End Depth:	29.89
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005038175
Layer:	1
Plug From:	0
Plug To:	13.72
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1005038174
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1005038137
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005038146
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	0
Depth To:	13.72
Casing Diameter:	15.88
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Casing

Casing ID:	1005038145
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0

Depth To:	3
Casing Diameter:	25.4
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005038147
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1005038138
Pump Set At:	27.5
Static Level:	5.11
Final Level After Pumping:	27.1
Recommended Pump Depth:	
Pumping Rate:	19
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	3
Water State After Test:	OTHER
Pumping Test Method:	0
Pumping Duration HR:	0
Pumping Duration MIN:	19
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	1005038164
Test Type:	Draw Down
Test Duration:	25
Test Level:	0
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1005038149
Test Type:	Recovery
Test Duration:	1
Test Level:	27.42
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1005038169
Test Type:	Draw Down
Test Duration:	50
Test Level:	0
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID: 1005038152
Test Type: Draw Down
Test Duration: 3
Test Level: 9.23
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038162
Test Type: Draw Down
Test Duration: 20
Test Level: 27.1
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038170
Test Type: Recovery
Test Duration: 50
Test Level: 22.68
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038167
Test Type: Draw Down
Test Duration: 40
Test Level: 0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038172
Test Type: Recovery
Test Duration: 60
Test Level: 26.67
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038148
Test Type: Draw Down
Test Duration: 1
Test Level: 6.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038156
Test Type: Draw Down
Test Duration: 5
Test Level: 11.52
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038166
Test Type: Recovery
Test Duration: 30

Test Level: 24.81
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038151
Test Type: Recovery
Test Duration: 2
Test Level: 27.26
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038155
Test Type: Recovery
Test Duration: 4
Test Level: 27.06
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038154
Test Type: Draw Down
Test Duration: 4
Test Level: 10.42
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038161
Test Type: Recovery
Test Duration: 15
Test Level: 25.96
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038165
Test Type: Draw Down
Test Duration: 30
Test Level: 0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038158
Test Type: Draw Down
Test Duration: 10
Test Level: 17.09
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038153
Test Type: Recovery
Test Duration: 3
Test Level: 27.16
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038168
Test Type: Recovery
Test Duration: 40
Test Level: 23.58
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038159
Test Type: Recovery
Test Duration: 10
Test Level: 26.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038150
Test Type: Draw Down
Test Duration: 2
Test Level: 8.06
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038157
Test Type: Recovery
Test Duration: 5
Test Level: 26.97
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038171
Test Type: Draw Down
Test Duration: 60
Test Level: 0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038160
Test Type: Draw Down
Test Duration: 15
Test Level: 21.6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005038163
Test Type: Recovery
Test Duration: 20
Test Level: 25.65
Test Level UOM: m

Water Details

Water ID: 1005038144
Layer: 1

Kind Code:
Kind:
Water Found Depth: 16
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005038143
Diameter: 15.24
Depth From: 13.72
Depth To: 29.89
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1005038142
Diameter: 22.86
Depth From: 0
Depth To: 13.72
Hole Depth UOM: m
Hole Diameter UOM: cm

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8 | **1 of 1** | **E/88.4** | **73.9 / 2.00** | **Tomlinson<UNOFFICIAL>**
Kent Street and Catherine Street
Ottawa ON | **SPL**

Ref No: 4002-BEVVGG
Site No: NA
Incident Dt: 8/9/2019
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 44
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Land
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/9/2019
Dt Document Closed:
Incident Reason: Operator/Human Error
Site Name: pit on the east side of Kent<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Tomlinson: ~ 60m3 of raw sewage to pit, cntd, clnup ongng
Contaminant Qty: 60 m³

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type:
Sector Type: Miscellaneous Communal
Agency Involved:
Nearest Watercourse:
Site Address: Kent Street and Catherine Street
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: 5028620
Easting: 445717
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills
Source Type: Sewer (Private or Municipal)

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9 | **1 of 1** | **E/90.5** | **73.9 / 2.00** | **ON** | **BORE**

Borehole ID: 613185
OGF ID: 215514488
Status:
Type: Borehole
Use:
Completion Date: JAN-1965

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:

Static Water Level:	10.4	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.408652
Total Depth m:	-999	**Longitude DD:**	-75.693766
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445711
Drill Method:		**Northing:**	5028582
Orig Ground Elev m:	68.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	68.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218394063	**Mat Consistency:**	Compact
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.5	**Material Texture:**	
Material Color:	Brown	**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. BROWN,COMPACT.		

Geology Stratum ID:	218394066	**Mat Consistency:**	Dense
Top Depth:	11.4	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE, SHALE. GREY,FOSSILIFEROUS. SPECIFIED. VERY DENSE. BEDROCK. 00010 016 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218394064	**Mat Consistency:**	Stiff
Top Depth:	1.5	**Material Moisture:**	
Bottom Depth:	10.8	**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:	218394065	**Mat Consistency:**	Compact
Top Depth:	10.8	**Material Moisture:**	
Bottom Depth:	11.4	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	TILL. GREY,COMPACT, WATER STABLE AT 191.7 FEET.		

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:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 056930 NTS_Sheet: 31G05G		
Confiden 1:			

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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10 ***1 of 5*** ***SSW/95.1*** ***70.9 / -1.00*** ***tannis food distributors***
288 catherine st
ottawa ON K1R 5T3 ***GEN***

Generator No:	ON8385791	**PO Box No:**	
Status:		**Country:**	
Approval Years:	06	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	413310		
SIC Description:	Cigarette and Tobacco Product Wholesaler-Distribut		

Detail(s)

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

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10 ***2 of 5*** ***SSW/95.1*** ***70.9 / -1.00*** ***tannis trading***
288 catherine st
ottawa ON K1R 5T3 ***GEN***

Generator No:	ON3308352	**PO Box No:**	
Status:		**Country:**	
Approval Years:	07,08	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	413310		
SIC Description:	Cigarette and Tobacco Product Wholesaler-Distributors		

Detail(s)

Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES

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10 ***3 of 5*** ***SSW/95.1*** ***70.9 / -1.00*** ***tannis trading***
288 catherine st
ottawa ON K1R 5T3 ***GEN***

Generator No:	ON3308352	**PO Box No:**	
Status:		**Country:**	

Approval Years:	2009	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	413310		
SIC Description:	Cigarette and Tobacco Product Wholesaler-Distributors		

Detail(s)

Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES

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10 | ***4 of 5*** | ***SSW/95.1*** | ***70.9 / -1.00*** | ***tannis trading
288 catherine st
ottawa ON K1R 5T3*** | ***GEN***

Generator No:	ON3308352	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2010	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	413310		
SIC Description:	Cigarette and Tobacco Product Wholesaler-Distributors		

Detail(s)

Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS

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10 | ***5 of 5*** | ***SSW/95.1*** | ***70.9 / -1.00*** | ***tannis trading
288 catherine st
ottawa ON K1R 5T3*** | ***GEN***

Generator No:	ON3308352	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2011	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	413310		
SIC Description:	Cigarette and Tobacco Product Wholesaler-Distributors		

Detail(s)

Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS

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11 | ***1 of 1*** | ***ENE/105.5*** | ***73.9 / 2.00*** | ***ON*** | ***BORE***

Borehole ID:	613193	**Inclin FLG:**	No
OGF ID:	215514496	**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:**	45.409013
Total Depth m:	-999	**Longitude DD:**	-75.693643
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445721
Drill Method:		**Northing:**	5028622
Orig Ground Elev m:	71.6	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	69.2		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218394090	**Mat Consistency:**	Dense
Top Depth:	10.4	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Grey	**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. FIRM. CK,LIMESTONE, SHALE. GREY,FOSSILIFEROUS. SPECIFIED. VERY DENSE. BEDROCK. 00
**Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	218394085	**Mat Consistency:**	Firm
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.9	**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. FIRM.

Geology Stratum ID:	218394086	**Mat Consistency:**	Firm
Top Depth:	.9	**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. FIRM.

Geology Stratum ID:	218394088	**Mat Consistency:**	Soft
Top Depth:	5.5	**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. SOFT.

Geology Stratum ID:	218394089	**Mat Consistency:**	Soft

Top Depth:	7.6	**Material Moisture:**	
Bottom Depth:	10.4	**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. VERY SOFT.		

Geology Stratum ID:	218394087	**Mat Consistency:**	Firm
Top Depth:	1.8	**Material Moisture:**	
Bottom Depth:	5.5	**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.		

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: 057010 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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12 | ***1 of 1*** | ***SE/107.3*** | ***71.6 / -0.31*** | ***ON*** | ***BORE***

Borehole ID:	847407	**Inclin FLG:**	No
OGF ID:	215589070	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	12-JAN-1962	**Municipality:**	
Static Water Level:	1.9	**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408037
Total Depth m:	15.4	**Longitude DD:**	-75.693934
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445697
Drill Method:	Diamond Drill	**Northing:**	5028514
Orig Ground Elev m:	68.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 100 metres
DEM Ground Elev m:	72.3		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			

Comments:

Borehole Geology Stratum

Geology Stratum ID:	6557386	***Mat Consistency:***	Stiff
Top Depth:	2.6	***Material Moisture:***	
Bottom Depth:	5.1	***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 GRAY FISSURED HIGH PLASTICITY STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557389	***Mat Consistency:***	Dense
Top Depth:	8.1	***Material Moisture:***	
Bottom Depth:	9.9	***Material Texture:***	Medium
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:	MEDIUM DENSE FINE SAND WITH A LOOSE LAYER **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557390	***Mat Consistency:***	Loose
Top Depth:	9.9	***Material Moisture:***	
Bottom Depth:	10.7	***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:	LOOSE TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557391	***Mat Consistency:***	Dense
Top Depth:	10.7	***Material Moisture:***	
Bottom Depth:	11.3	***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:	DENSE TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557392	***Mat Consistency:***	
Top Depth:	11.3	***Material Moisture:***	
Bottom Depth:	13.2	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Limestone	***Geologic Formation:***	
Material 2:	Shale	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SHALEY LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557387	***Mat Consistency:***	Stiff
Top Depth:	5.1	***Material Moisture:***	
Bottom Depth:	7.6	***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 GRAY HIGH PLASTICITY STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557384	**Mat Consistency:**	Dense
Top Depth:	1.5	**Material Moisture:**	
Bottom Depth:	2	**Material Texture:**	Medium
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: MEDIUM DENSE FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557388	**Mat Consistency:**	Dense
Top Depth:	7.6	**Material Moisture:**	
Bottom Depth:	8.1	**Material Texture:**	Medium
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: MEDIUM DENSE SANDY SILT WITH A LITTLE CLAY AND GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557383	**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:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Clay	**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: FILL (SILT, SAND, CLAY AND A FEW PIECES OF COAL) **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557393	**Mat Consistency:**	
Top Depth:	13.2	**Material Moisture:**	
Bottom Depth:	13.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: SHALEY LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557394	**Mat Consistency:**	
Top Depth:	13.9	**Material Moisture:**	
Bottom Depth:	15.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: SHALEY LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 6557385
Top Depth: 2
Bottom Depth: 2.6
Material Color:
Material 1: Silt
Material 2: Sand
Material 3: Clay
Material 4:
Gsc Material Description:
Mat Consistency: Loose
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Stratum Description: LOOSE SANDY SILT WITH A LAYER OF FISSURED CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.

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13 | 1 of 1 | W/110.1 | 74.9 / 3.00 | ON | BORE

Borehole ID: 613186
OGF ID: 215514489
Status:
Type: Borehole
Use:
Completion Date:
Static Water Level: 10.1
Primary Water Use:
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 68.6
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: 45.408637
Longitude DD: -75.696322
UTM Zone: 18
Easting: 445511
Northing: 5028582
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218394069
Top Depth: 7.6
Bottom Depth: 9.1
Material Color:
Material 1: Gravel
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: GRAVEL.
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218394067
Top Depth: 0
Bottom Depth: 2.4
Material Color:
Material 1: Sand
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND.
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218394068
Mat Consistency:

Top Depth:	2.4	**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.		

Geology Stratum ID:	218394070	**Mat Consistency:**	Compact
Top Depth:	9.1	**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. . TILL. GREY,COMPACT, WATER STABLE AT 191.7 FEET.BEDROCK,LIMESTONE, SHALE. GREY, FO **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: 056940 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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14 ***1 of 1*** ***SE/110.1*** ***71.6 / -0.31*** ***ON*** ***BORE***

Borehole ID:	847405	**Inclin FLG:**	No
OGF ID:	215589068	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	27-NOV-1961	**Municipality:**	
Static Water Level:	2.4	**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.407938
Total Depth m:	14.8	**Longitude DD:**	-75.694035
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445689
Drill Method:	Diamond Drill	**Northing:**	5028503
Orig Ground Elev m:	68.1	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 100 metres
DEM Ground Elev m:	72.5		
Concession:	BROKEN FRONT C		
Location D:			

Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID: 6557362
Top Depth: 2.4
Bottom Depth: 6.2
Material Color: Grey
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY GRAY FISSURED HIGH PLASTICITY VERY STIFF TO MEDIUM SOFT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency: Very Stiff
Material Moisture:
Material Texture: Medium
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 6557367
Top Depth: 10.8
Bottom Depth: 11.9
Material Color:
Material 1: Till
Material 2: Shale
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: MEDIUM DENSE SHALEY TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID: 6557366
Top Depth: 9.9
Bottom Depth: 10.8
Material Color:
Material 1: Till
Material 2: Silt
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: MEDIUM DENSE SILTY TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID: 6557363
Top Depth: 6.2
Bottom Depth: 7.6
Material Color: Grey
Material 1: Clay
Material 2: Stones
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: GRAY SILTY CLAY WITH SMALL STONES MEDIUM PLASTICITY MEDIUM SOFT TO STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID: 6557364
Top Depth: 7.6
Bottom Depth: 8.4
Material Color:
Material 1: Silt
Material 2: Sand
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SANDY 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:

Geology Stratum ID: 6557361

Mat Consistency: Dense

Top Depth:	.8	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	Medium
Material Color:		**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:	MEDIUM DENSE SILTY FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557368	**Mat Consistency:**	
Top Depth:	11.9	**Material Moisture:**	
Bottom Depth:	12.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Boulders	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557360	**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:		**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.		

Geology Stratum ID:	6557365	**Mat Consistency:**	Loose
Top Depth:	8.4	**Material Moisture:**	
Bottom Depth:	9.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LOOSE SILTY TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557369	**Mat Consistency:**	
Top Depth:	12.5	**Material Moisture:**	
Bottom Depth:	13.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SHALEY LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557370	**Mat Consistency:**	
Top Depth:	13.8	**Material Moisture:**	
Bottom Depth:	14.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SHALEY LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description]		

field.

15 **1 of 1** **ESE/110.7** **72.2 / 0.31** **ON** **BORE**

Borehole ID:	613177	**Inclin FLG:**	No
OGF ID:	215514480	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	AUG-1971	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.408293
Total Depth m:	14.1	**Longitude DD:**	-75.693634
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445721
Drill Method:		**Northing:**	5028542
Orig Ground Elev m:	69.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	69.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218394025	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:		**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Stones	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	ARTIFICIAL.		

Geology Stratum ID:	218394031	**Mat Consistency:**	Dense
Top Depth:	9.9	**Material Moisture:**	
Bottom Depth:	12.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT. DENSE.		

Geology Stratum ID:	218394028	**Mat Consistency:**	Stiff
Top Depth:	3.5	**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:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. GREY,STIFF,FISSURED.		

Geology Stratum ID:	218394027	**Mat Consistency:**	Soft
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	3.5	**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,SOFT.		

Geology Stratum ID:	218394030	**Mat Consistency:**	Stiff
Top Depth:	8.4	**Material Moisture:**	
Bottom Depth:	9.9	**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,FISSURED.		

Geology Stratum ID:	218394032	**Mat Consistency:**	Dense
Top Depth:	12.2	**Material Moisture:**	
Bottom Depth:	12.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:	Till	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED. VERY DENSE.		

Geology Stratum ID:	218394026	**Mat Consistency:**	Dense
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	
Material Color:		**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. DENSE.		

Geology Stratum ID:	218394029	**Mat Consistency:**	Soft
Top Depth:	6.9	**Material Moisture:**	
Bottom Depth:	8.4	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. GREY,SOFT.		

Geology Stratum ID:	218394033	**Mat Consistency:**	
Top Depth:	12.6	**Material Moisture:**	
Bottom Depth:	14.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. 00010 016 00100 075 00115 068 00225 038 00275 033 00325 020 00400 **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: 056850 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		

16 ***1 of 11*** ***N/110.8*** ***72.9 / 1.00*** ***SAFETY VERMIN CONTROL*** ***PES***
504A KENT ST
OTTAWA ON K2P 2B9

Detail Licence No:		**Operator Box:**	
Licence No:		**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:		**Oper Area Code:**	
Licence Type:	Operator	**Oper Phone No:**	
Licence Type Code:		**Operator Ext:**	
Licence Class:		**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF Link:			

16 ***2 of 11*** ***N/110.8*** ***72.9 / 1.00*** ***SAFETY VERMIN CONTROL MARETH LTD.*** ***PES***
504A KENT STREET
OTTAWA ON K2P 2B9

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:**	
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:

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16 | ***3 of 11*** | ***N/110.8*** | ***72.9 / 1.00*** | ***SAFETY VERMIN CONTROL / MARETH LTD.*** | ***PES***

504-A KENT STREET
OTTAWA ON K2P2B9

Detail Licence No:	23-01-06189-0	***Operator Box:***	
Licence No:	06189	***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:***	2323080
Licence Type Code:	23	***Operator Ext:***	
Licence Class:	01	***Operator Lot:***	
Licence Control:	0	***Oper Concession:***	
Latitude:		***Operator Region:***	4
Longitude:		***Operator District:***	2
Lot:		***Operator County:***	15
Concession:		***Op Municipality:***	
Region:		***Post Office Box:***	
District:		***MOE District:***	
County:		***SWP Area Name:***	
Trade Name:			
PDF Link:			

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16 | ***4 of 11*** | ***N/110.8*** | ***72.9 / 1.00*** | ***SAFETY VERMIN CONTROL*** | ***GEN***

504-A Kent Street
Ottawa ON K2P 2B9

Generator No:	ON1926332	***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:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

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16 | ***5 of 11*** | ***N/110.8*** | ***72.9 / 1.00*** | ***SAFETY VERMIN CONTROL*** | ***PES***

504-A KENT ST
OTTAWA ON K2P 2B9

Detail Licence No:		***Operator Box:***	
Licence No:		***Operator Class:***	
Status:		***Operator No:***	
Approval Date:		***Operator Type:***	
Report Source:		***Oper Area Code:***	
Licence Type:	Operator	***Oper Phone No:***	
Licence Type Code:	02	***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:***	

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

District:
County:
Trade Name:
PDF Link:
MOE District:
SWP Area Name:

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16 | **6 of 11** | **N/110.8** | **72.9 / 1.00** | **504 A Kent Street Ottawa ON K2P 2B9** | **EHS**

Order No: 20071207011
Status: C
Report Type: CAN - Site Report
Report Date: 12/11/2007
Date Received: 12/7/2007
Previous Site Name:
Lot/Building Size: 11.7m x 30.2m
Additional Info Ordered:
Nearest Intersection: Arlington Avenue
Municipality: Ottawa
Client Prov/State:
Search Radius (km): 0.25
X: -75.694892
Y: 45.40964

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16 | **7 of 11** | **N/110.8** | **72.9 / 1.00** | **504 Kent Street Ottawa ON** | **EHS**

Order No: 20130205020
Status: C
Report Type: Custom Report
Report Date: 12-FEB-13
Date Received: 05-FEB-13
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: 0
Y: 0

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16 | **8 of 11** | **N/110.8** | **72.9 / 1.00** | **504A Kent Street in Ottawa Ottawa ON** | **SPL**

Ref No: 2683-ANMNFC
Site No:
Incident Dt: 6/24/2017
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:
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/24/2017
Dt Document Closed:
Incident Reason: Operator/Human Error
Site Name: Whale Bone<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TSSA FSB: 1" steel LP service, not made safe
Contaminant Qty: 0 other - see incident description
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type:
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address: 504A Kent Street in Ottawa
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: Valve/Fitting/Piping

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	9 of 11	N/110.8	72.9 / 1.00	SAFETY VERMIN CONTROL 504-A KENT ST OTTAWA ON K2P2B9	PES

Detail Licence No:		Operator Box:	
Licence No:	00572	Operator Class:	
Status:		Operator No:	
Approval Date:		Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)	Oper Area Code:	613
Licence Type:	Operator	Oper Phone No:	2323080
Licence Type Code:	01	Operator Ext:	
Licence Class:	05	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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	10 of 11	N/110.8	72.9 / 1.00	SAFETY VERMIN CONTROL 504-A KENT ST OTTAWA ON K2P2B9	PES

Detail Licence No:		Operator Box:	
Licence No:	00572	Operator Class:	
Status:		Operator No:	
Approval Date:		Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)	Oper Area Code:	613
Licence Type:	Operator	Oper Phone No:	2323080
Licence Type Code:	02	Operator Ext:	
Licence Class:	01	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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	11 of 11	N/110.8	72.9 / 1.00	SAFETY VERMIN CONTROL / MARETH LTD. 504-A KENT STREET OTTAWA ON K2P2B9	PES

Detail Licence No:		Operator Box:	
Licence No:	06189	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:	2323080
Licence Type Code:	21	Operator Ext:	
Licence Class:	03	Operator Lot:	
Licence Control:		Oper Concession:	
Latitude:		Operator Region:	
Longitude:		Operator District:	
Lot:		Operator County:	

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

Concession:
Region:
District:
County:
Trade Name:
PDF Link:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

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17 | 1 of 3 | NE/111.6 | 72.8 / 0.97 | 511 Kent Street Ottawa Ontario Ottawa ON K2P 2B8 | EHS

Order No: 20191209178
Status: C
Report Type: Standard Report
Report Date: 12-DEC-19
Date Received: 09-DEC-19
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): .25
X: -75.6942412
Y: 45.4095923

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17 | 2 of 3 | NE/111.6 | 72.8 / 0.97 | 511 Kent Street Ottawa Ontario Ottawa ON K2P 2B8 | EHS

Order No: 20191209178
Status: C
Report Type: Standard Report
Report Date: 12-DEC-19
Date Received: 09-DEC-19
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): .25
X: -75.6942412
Y: 45.4095923

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17 | 3 of 3 | NE/111.6 | 72.8 / 0.97 | 511 Kent Street Ottawa Ontario Ottawa ON K2P 2B8 | EHS

Order No: 20191209178
Status: C
Report Type: Standard Report
Report Date: 12-DEC-19
Date Received: 09-DEC-19
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): .25
X: -75.6942412
Y: 45.4095923

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18 | 1 of 1 | SSE/113.8 | 70.6 / -1.24 | ON | BORE

Borehole ID: 847474
OGF ID: 215589132
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 16-AUG-1961
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 2.1
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Power auger
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: LOT F
Township: NEPEAN
Latitude DD: 45.407765
Longitude DD: -75.694352
UTM Zone: 18
Easting: 445664
Northing: 5028484

Orig Ground Elev m:	68.6	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	72.5		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557666	**Mat Consistency:**	
Top Depth:	1.7	**Material Moisture:**	
Bottom Depth:	2.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Organic	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAYEY SANDY SILT WITH AN ORGANIC POCKET **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557665	**Mat Consistency:**	
Top Depth:	.8	**Material Moisture:**	
Bottom Depth:	1.7	**Material Texture:**	Fine
Material Color:		**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:	SILTY FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557664	**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 SOME GRAVEL AND A LITTLE CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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19 | ***1 of 1*** | ***ESE/114.6*** | ***71.9 / 0.00*** | ***ON*** | ***BORE***

Borehole ID:	847411	**Inclin FLG:**	No
OGF ID:	215589074	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	08-FEB-1962	**Municipality:**	
Static Water Level:		**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408038
Total Depth m:	3.7	**Longitude DD:**	-75.693806
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445707
Drill Method:	Diamond Drill	**Northing:**	5028514
Orig Ground Elev m:	68.9	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	72.5		

Concession: BROKEN FRONT C
Location D:
Survey D:
Comments: NO INFORMATION ON THE STATIC WATER LEVEL

Borehole Geology Stratum

Geology Stratum ID:	6557417	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.8	**Material Texture:**	Fine
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	

Gsc Material Description:
Stratum Description: FILL FINE SAND WITH SOME SILT AND A LITTLE GRAVEL AND A THIN CLAYEY LAYER **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557419	**Mat Consistency:**	Soft
Top Depth:	3.4	**Material Moisture:**	
Bottom Depth:	3.7	**Material Texture:**	Medium
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: MEDIUM SOFT SILTY GRAY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557418	**Mat Consistency:**	Dense
Top Depth:	1.8	**Material Moisture:**	
Bottom Depth:	3.4	**Material Texture:**	Medium
Material Color:		**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: MEDIUM DENSE SILTY SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.

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20 | ***1 of 1*** | ***ESE/116.2*** | ***72.2 / 0.31*** | ***ON*** | ***BORE***

Borehole ID:	847412	**Inclin FLG:**	No
OGF ID:	215589075	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	07-FEB-1962	**Municipality:**	
Static Water Level:		**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408147
Total Depth m:	3.2	**Longitude DD:**	-75.693667
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445718
Drill Method:	Diamond Drill	**Northing:**	5028526
Orig Ground Elev m:	68.9	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	71.7		

Concession: BROKEN FRONT C
Location D:

Survey D:
Comments: NO INFORMATION ON THE STATIC WATER LEVEL

Borehole Geology Stratum

Geology Stratum ID:	6557420	**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 SOME GRAVEL AND CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557421	**Mat Consistency:**	Dense
Top Depth:	.8	**Material Moisture:**	
Bottom Depth:	3.1	**Material Texture:**	Medium
Material Color:		**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: MEDIUM DENSE SILTY SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557422	**Mat Consistency:**	Stiff
Top Depth:	3.1	**Material Moisture:**	
Bottom Depth:	3.2	**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: STIFF SILTY GRAY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.

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21 **1 of 1** **SE/116.5** **71.9 / 0.00** **ON** **BORE**

Borehole ID:	847473	**Inclin FLG:**	No
OGF ID:	215589131	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	16-AUG-1961	**Municipality:**	
Static Water Level:		**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.407975
Total Depth m:	2.9	**Longitude DD:**	-75.693856
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445703
Drill Method:	Power auger	**Northing:**	5028507
Orig Ground Elev m:	68.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	72.6		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557662	***Mat Consistency:***	
Top Depth:	2	***Material Moisture:***	
Bottom Depth:	2.7	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Fine Sand	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SILT AND FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557661	***Mat Consistency:***	
Top Depth:	1.7	***Material Moisture:***	
Bottom Depth:	2	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Clay	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAYEY SILT WITH SOME SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557663	***Mat Consistency:***	
Top Depth:	2.7	***Material Moisture:***	
Bottom Depth:	2.9	***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:	6557660	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.7	***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, SAND, SILT, SOME CINDERS AND A LITTLE CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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22 ***1 of 1*** ***E/116.5*** ***74.2 / 2.31*** ***240 CATHERINE STREET OTTAWA ON*** ***WWIS***

Well ID:	7269210	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	8/17/2016
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z233007	***Owner:***	
Tag:	A191027	***Street Name:***	240 CATHERINE STREET
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP

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

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

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006216991	***Elevation:***	68.658782
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	445737
Code OB Desc:		***North83:***	5028591
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/23/2016	***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:	1006231681
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0
Formation End Depth:	.61
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006231683
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	2.13
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006231682
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	.61
Formation End Depth:	2.13
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006231692
Layer:	2
Plug From:	0.31
Plug To:	1.22
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006231693
Layer:	3
Plug From:	1.22
Plug To:	4.57
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006231691
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006231690
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1006231680
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006231686
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.5
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006231687
Layer:	1
Slot:	10
Screen Top Depth:	1.5
Screen End Depth:	4.57
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03

Water Details

Water ID:	1006231685
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006231684
Diameter:	20.32
Depth From:	0
Depth To:	4.57
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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23 ***1 of 1*** ***ESE/123.5*** ***73.1 / 1.20*** ***ON*** ***BORE***

Borehole ID:	847409	***Inclin FLG:***	No
OGF ID:	215589072	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	09-JAN-1962	***Municipality:***	
Static Water Level:	2.9	***Lot:***	LOT F
Primary Water Use:		***Township:***	NEPEAN
Sec. Water Use:		***Latitude DD:***	45.40822
Total Depth m:	14.7	***Longitude DD:***	-75.693502
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	445731
Drill Method:	Diamond Drill	***Northing:***	5028534
Orig Ground Elev m:	68.9	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 100 metres
DEM Ground Elev m:	70.6		
Concession:	BROKEN FRONT C		

Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID: 6557412
Top Depth: 11.5
Bottom Depth: 13.1
Material Color:
Material 1: Limestone
Material 2: Shale
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SHALEY LIMESTONE **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: 6557408
Top Depth: 7.6
Bottom Depth: 9.1
Material Color: Grey
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY GRAY MEDIUM PLASTICITY STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID: 6557409
Top Depth: 9.1
Bottom Depth: 9.6
Material Color: Grey
Material 1: Clay
Material 2: Silt
Material 3: Layered
Material 4:
Gsc Material Description:
Stratum Description: MEDIUM SOFT GRAY CLAY AND SILT IN 1/4 LAYERS **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID: 6557407
Top Depth: 3
Bottom Depth: 7.6
Material Color: Grey
Material 1: Clay
Material 2: Layered
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY GRAY HIGH PLASTICITY STIFF WITH MEDIUM SOFT LAYERS **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID: 6557405
Top Depth: 0
Bottom Depth: 1.5
Material Color:
Material 1: Fill
Material 2: Sand
Material 3: Silt
Material 4: Cinders
Gsc Material Description:
Stratum Description: FILL SILTY FINE SAND WITH CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID:	6557411	**Mat Consistency:**	Dense
Top Depth:	10.7	**Material Moisture:**	
Bottom Depth:	11.5	**Material Texture:**	Medium
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: MEDIUM DENSE SANDY TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557406	**Mat Consistency:**	Dense
Top Depth:	1.5	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	Medium
Material Color:		**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: MEDIUM DENSE SILTY FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557413	**Mat Consistency:**	
Top Depth:	13.1	**Material Moisture:**	
Bottom Depth:	14.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: SHALEY LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557410	**Mat Consistency:**	Loose
Top Depth:	9.6	**Material Moisture:**	
Bottom Depth:	10.7	**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: LOOSE SANDY TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

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24 | **1 of 1** | **E/127.9** | **74.8 / 2.95** | **n/a**
Ottawa ON K2P2G8 | **EHS**

Order No:	20160706134	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	13-JUL-16	**Search Radius (km):**	.25
Date Received:	06-JUL-16	**X:**	-75.69329
Previous Site Name:	Ministry of Transport	**Y:**	45.408622
Lot/Building Size:	951 m^2		
Additional Info Ordered:			

---

25 | **1 of 1** | **E/128.5** | **74.3 / 2.39** | **240 CATHERINE STREET**
Ottawa ON | **WWIS**

Well ID:	7269211	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	8/17/2016
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z233005	**Owner:**	
Tag:	A191028	**Street Name:**	240 CATHERINE STREET
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006216994	**Elevation:**	69.126976
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445748
Code OB Desc:		**North83:**	5028573
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/23/2016	**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:	1006231723
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	.61
Formation End Depth:	2.13
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006231722

Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0
Formation End Depth:	.61
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006231724
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	2.13
Formation End Depth:	4.57
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006231734
Layer:	3
Plug From:	1.22
Plug To:	4.57
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006231733
Layer:	2
Plug From:	0.31
Plug To:	1.22
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006231732
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006231731
Method Construction Code:	2

Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1006231721
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006231727
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.5
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006231728
Layer: 1
Slot: 10
Screen Top Depth: 1.5
Screen End Depth: 4.57
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03

Water Details

Water ID: 1006231726
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006231725
Diameter: 20.32
Depth From: 0
Depth To: 4.57
Hole Depth UOM: m
Hole Diameter UOM: cm

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26 ***1 of 1*** ***S/129.2*** ***70.0 / -1.85*** ***ON*** ***BORE***

Borehole ID: 847475
OGF ID: 215589133
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 16-AUG-1961
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:

Static Water Level:		**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.407546
Total Depth m:	2.7	**Longitude DD:**	-75.694861
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445624
Drill Method:	Power auger	**Northing:**	5028460
Orig Ground Elev m:	68.6	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	72.3		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557668	**Mat Consistency:**	
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:	2.3	**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:	6557669	**Mat Consistency:**	
Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAYEY SILT WITH SOME SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557667	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.1	**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:	Boulders	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FILL SAND WITH SOME GRAVEL A FEW BOULDERS AND CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.		

27	1 of 1	S/129.4	70.0 / -1.85	506 KENT ST Ottawa ON	WWIS

Well ID:	7321561	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	11/1/2018
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z290531	**Owner:**	

Tag:	A254692	***Street Name:***	506 KENT 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):

Bore Hole Information

Bore Hole ID:	1007305640	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	445614
Code OB Desc:		***North83:***	5028460
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	8/23/2018	***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:	1007568796
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	1.5
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007568795
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	01
Mat2 Desc:	FILL
Mat3:	85
Mat3 Desc:	SOFT

Formation Top Depth: 0
Formation End Depth: 1.5
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007568804
Layer: 2
Plug From: 0.31
Plug To: 1.22
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007568805
Layer: 3
Plug From: 1.22
Plug To: 4.57
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007568803
Layer: 1
Plug From: 0
Plug To: 0.31
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1007568802
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1007568794
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007568799
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.5
Casing Diameter: 4
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID:	1007568800
Layer:	1
Slot:	10
Screen Top Depth:	1.5
Screen End Depth:	4.57
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1007568798
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007568797
Diameter:	8.25
Depth From:	0
Depth To:	4.57
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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28 | **1 of 1** | **S/130.4** | **70.6 / -1.31** | **506 KENT ST Ottawa ON** | **WWIS**

Well ID:	7321562	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	11/1/2018
Sec. Water Use:	Monitoring	**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z229636	**Owner:**	
Tag:	A254681	**Street Name:**	506 KENT 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):

Bore Hole Information

Bore Hole ID:	1007305643	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445613
Code OB Desc:		**North83:**	5028459
Open Hole:		**Org CS:**	UTM83

Cluster Kind:		**UTMRC:**	4
Date Completed:	8/23/2018	**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:	1007568808
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.5
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007568807
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	01
Mat2 Desc:	FILL
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0
Formation End Depth:	1.5
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007568818
Layer:	3
Plug From:	1.22
Plug To:	4.57
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007568817
Layer:	2
Plug From:	0.31
Plug To:	1.22
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007568816
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1007568815
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1007568806
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007568811
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.5
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1007568812
Layer:	1
Slot:	10
Screen Top Depth:	1.5
Screen End Depth:	4.57
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1007568810
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007568809
Diameter:	8.25

Depth From:	0
Depth To:	4.57
Hole Depth UOM:	m
Hole Diameter UOM:	cm

29 **1 of 1** **WSW/132.2** **75.3 / 3.39** **1030089 Ontario Limited** **ECA**
138-148 Arlington Avenue
Ottawa ON K2A 0E7

Approval No:	0363-5ATQAY	**MOE District:**	
Approval Date:	2002-08-02	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	
SWP Area Name:		**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	138-148 Arlington Avenue		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3884-5AJT7R-14.pdf		

30 **1 of 1** **E/132.6** **74.8 / 2.95** **ON** **BORE**

Borehole ID:	847496	**Inclin FLG:**	No
OGF ID:	215589154	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	21-AUG-1961	**Municipality:**	
Static Water Level:		**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408672
Total Depth m:	2.7	**Longitude DD:**	-75.693226
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445753
Drill Method:	Power auger	**Northing:**	5028584
Orig Ground Elev m:	69.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	69.1		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557738	**Mat Consistency:**	
Top Depth:	1.1	**Material Moisture:**	
Bottom Depth:	2.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Fine Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT AND FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557739	**Mat Consistency:**	
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	

Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND WITH SOME GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557736	**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:	Brick fragments	**Geologic Group:**	
Material 3:	Wood Fragments	**Geologic Period:**	
Material 4:	Sand	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FILL BRICK LUMBER STEEL SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557737	**Mat Consistency:**	
Top Depth:	.6	**Material Moisture:**	
Bottom Depth:	1.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Fine Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FINE SAND FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557740	**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.		

Geology Stratum ID:	6557735	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Gravel	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CRUSHED STONE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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31 **1 of 1** **SE/134.7** **70.5 / -1.39** **ON** **BORE**

Borehole ID:	847500	**Inclin FLG:**	No
OGF ID:	215589158	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	21-AUG-1961	**Municipality:**	
Static Water Level:		**Lot:**	LOT G
Primary Water Use:		**Township:**	NEPEAN

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

Sec. Water Use:		**Latitude DD:**	45.407723
Total Depth m:	2.9	**Longitude DD:**	-75.693917
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445698
Drill Method:	Power auger	**Northing:**	5028479
Orig Ground Elev m:	68.2	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	71.6		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557754	**Mat Consistency:**	
Top Depth:	2	**Material Moisture:**	
Bottom Depth:	2.3	**Material Texture:**	Fine
Material Color:		**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:	FINE SAND SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557753	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2	**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:	Silt	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FILL SAND CINDERS SILT CLAY GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557755	**Mat Consistency:**	
Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	2.9	**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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32 ***1 of 1*** ***ESE/135.1*** ***73.1 / 1.20*** ***ON*** ***BORE***

Borehole ID:	847472	**Inclin FLG:**	No
OGF ID:	215589130	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	16-AUG-1961	**Municipality:**	
Static Water Level:		**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408185
Total Depth m:	2.7	**Longitude DD:**	-75.693361
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445742

Drill Method:	Power auger	**Northing:**	5028530
Orig Ground Elev m:	69	**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:	6557658	**Mat Consistency:**	
Top Depth:	1.1	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	
Material Color:		**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:	SILTY SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557657	**Mat Consistency:**	
Top Depth:	0	**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:	Cinders	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FILL SAND WITH SOME CINDERS AND GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557659	**Mat Consistency:**	
Top Depth:	2.4	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	
Material Color:		**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 AND SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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33 | ***1 of 1*** | ***SW/136.2*** | ***71.7 / -0.22*** | ***ON*** | ***BORE***

Borehole ID:	613167	**Inclin FLG:**	No
OGF ID:	215514470	**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:**	45.40765
Total Depth m:	-999	**Longitude DD:**	-75.695799
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445551
Drill Method:		**Northing:**	5028472
Orig Ground Elev m:	68.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	68.8		

Concession:
Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID: 218393982
Top Depth: 5.2
Bottom Depth: 6.7
Material Color:
Material 1: Sand
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND.

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

Geology Stratum ID: 218393980
Top Depth: 0
Bottom Depth: 2.4
Material Color: Yellow
Material 1: Sand
Material 2: Clay
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND. YELLOW.

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

Geology Stratum ID: 218393981
Top Depth: 2.4
Bottom Depth: 5.2
Material Color: Blue
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. BLUE.

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

Geology Stratum ID: 218393983
Top Depth: 6.7
Bottom Depth:
Material Color: Grey
Material 1: Sand
Material 2: Gravel
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND. COMPACT. Y,VERY SOFT. FF. SILT. SOFT. CLAY. GREY,STIFF. SAND-FINE. DENSE. 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:

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: H
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 056750 NTS_Sheet: 31G05G
Confiden 1: Logged by professional. Exact and complete description of material and properties.

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

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		

34 ***1 of 1*** ***SSE/139.8*** ***69.9 / -2.00*** ***ON*** ***BORE***

Borehole ID:	847503	***Inclin FLG:***	No
OGF ID:	215589160	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	21-AUG-1961	***Municipality:***	
Static Water Level:		***Lot:***	LOT G
Primary Water Use:		***Township:***	NEPEAN
Sec. Water Use:		***Latitude DD:***	45.407494
Total Depth m:	2.7	***Longitude DD:***	-75.694451
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	445656
Drill Method:	Power auger	***Northing:***	5028454
Orig Ground Elev m:	67.4	***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:	6557762	***Mat Consistency:***	
Top Depth:	1.4	***Material Moisture:***	
Bottom Depth:	2	***Material Texture:***	
Material Color:		***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:	SANDY SILT WITH A LITTLE CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557760	***Mat Consistency:***	
Top Depth:	0	***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:	Cinders	***Geologic Period:***	
Material 4:	Gravel	***Depositional Gen:***	
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:	6557761	***Mat Consistency:***	
Top Depth:	1.1	***Material Moisture:***	
Bottom Depth:	1.4	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	

Material 2:	Fine Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT AND FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557764	**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.		

Geology Stratum ID:	6557763	**Mat Consistency:**	
Top Depth:	2	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND AND GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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35 | **1 of 1** | **WSW/140.7** | **75.2 / 3.33** | **138-148 Arlington Avenue Ottawa ON K1R 5S7** | **CA**

Certificate #:	0363-5ATQAY
Application Year:	02
Issue Date:	8/2/02
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	1030089 Ontario Limited
Client Address:	3-371A Richmond Road
Client City:	Ottawa
Client Postal Code:	K2A 0E7
Project Description:	Stormwater management facility to be constructed to service a 40 unit 4 storey apartment building connected to a combined sewer with flow restricted by the Municipality.
Contaminants:	
Emission Control:	

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36 | **1 of 1** | **S/141.2** | **69.9 / -2.01** | **506 KENT ST Ottawa ON** | **WWIS**

Well ID:	7321627	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	11/1/2018
Sec. Water Use:	Monitoring	**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z290532	**Owner:**	
Tag:	A254693	**Street Name:**	506 KENT ST
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	

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

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

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1007305838
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 8/23/2018
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 445623
North83: 5028448
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1007570708
Layer: 2
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 05
Mat2 Desc: CLAY
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 1.5
Formation End Depth: 4.57
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1007570707
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
Formation End Depth: 1.5
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID:	1007570716
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007570717
Layer:	2
Plug From:	0.31
Plug To:	1.22
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007570718
Layer:	3
Plug From:	1.22
Plug To:	4.57
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1007570715
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1007570706
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007570711
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.5
Casing Diameter:	4
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1007570712
Layer:	1
Slot:	10
Screen Top Depth:	1.5

Screen End Depth:	4.57
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1007570710
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007570709
Diameter:	8.25
Depth From:	0
Depth To:	4.57
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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37 **1 of 1** **SE/141.3** **70.5 / -1.39** **ON** **BORE**

Borehole ID:	847406	**Inclin FLG:**	No
OGF ID:	215589069	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	17-JAN-1962	**Municipality:**	
Static Water Level:	1.4	**Lot:**	LOT G
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.407651
Total Depth m:	13.7	**Longitude DD:**	-75.693916
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445698
Drill Method:	Diamond Drill	**Northing:**	5028471
Orig Ground Elev m:	67.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	70.7		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557372	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.7	**Material Texture:**	Fine to Coarse
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Organic	**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: FILL (FINE SAND WITH SOME COARSE SAND AND GRAVEL AND A LITTLE ORGANIC **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557379	**Mat Consistency:**	
Top Depth:	9.9	**Material Moisture:**	
Bottom Depth:	11.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: SHALEY LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557374	**Mat Consistency:**	Stiff
Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	5.8	**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 GRAY STIFF HIGH PLASTICITY **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557376	**Mat Consistency:**	Dense
Top Depth:	6	**Material Moisture:**	
Bottom Depth:	6.9	**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: MEDIUM DENSE FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557380	**Mat Consistency:**	
Top Depth:	11.2	**Material Moisture:**	
Bottom Depth:	12.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: SHALEY LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557377	**Mat Consistency:**	Loose
Top Depth:	6.9	**Material Moisture:**	
Bottom Depth:	7.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: LOOSE SILTY TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557375	**Mat Consistency:**	
Top Depth:	5.8	**Material Moisture:**	
Bottom Depth:	6	**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 GRAY HIGH PLASTICITY WITH LAYERS OF SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 6557381
Top Depth: 12.2
Bottom Depth: 12.7
Material Color:
Material 1: Limestone
Material 2: Shale
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SHALEY LIMESTONE **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: 6557373
Top Depth: 1.7
Bottom Depth: 2.3
Material Color: Brown-Grey
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY BROWNISH GRAY FISSURED VERY STIFF HIGH PLASTICITY **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID: 6557378
Top Depth: 7.6
Bottom Depth: 9.9
Material Color:
Material 1: Till
Material 2: Sand
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: LOOSE TO MEDIUM DENSE SANDY TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID: 6557382
Top Depth: 12.7
Bottom Depth: 13.7
Material Color:
Material 1: Limestone
Material 2: Shale
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SHALEY LIMESTONE **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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38 **1 of 1** **ESE/141.9** **71.8 / -0.03** **ON** **BORE**

Borehole ID: 847499
OGF ID: 215589157
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 21-AUG-1961
Static Water Level:
Primary Water Use:
Sec. Water Use:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: LOT F
Township: NEPEAN
Latitude DD: 45.40795

Total Depth m:	2.6	**Longitude DD:**	-75.69346
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445734
Drill Method:	Power auger	**Northing:**	5028504
Orig Ground Elev m:	68.5	**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:	6557751	**Mat Consistency:**	
Top Depth:	1.4	**Material Moisture:**	
Bottom Depth:	2.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Fine Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557752	**Mat Consistency:**	
Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	2.6	**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 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557749	**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:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FILL CINDER AND SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557750	**Mat Consistency:**	
Top Depth:	.6	**Material Moisture:**	
Bottom Depth:	1.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Fine Sand	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	Topsoil	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FILL FINE SAND WITH A SILT AND FINE SAND LAYER A FEW SPOTS OF TOP SOIL **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
39	1 of 1	E/143.9	74.3 / 2.39	ON	BORE

Borehole ID:	847404	**Inclin FLG:**	No

OGF ID:	215589067	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	12-JAN-1960	***Municipality:***	
Static Water Level:	2.2	***Lot:***	LOT F
Primary Water Use:		***Township:***	NEPEAN
Sec. Water Use:		***Latitude DD:***	45.408402
Total Depth m:	15.8	***Longitude DD:***	-75.693133
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	445760
Drill Method:	Diamond Drill	***Northing:***	5028554
Orig Ground Elev m:	69.3	***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:	6557356	***Mat Consistency:***	Soft
Top Depth:	3	***Material Moisture:***	
Bottom Depth:	10.2	***Material Texture:***	Medium
Material Color:	Grey	***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 GRAY WITH A LITTLE SAND HIGHT PLASTICITY MEDIUM SOFT TO STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557358	***Mat Consistency:***	Dense
Top Depth:	11.9	***Material Moisture:***	
Bottom Depth:	13	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Till	***Geologic Formation:***	
Material 2:	Shale	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	DENSE TILL WITH SOME SHALE PARTICLES **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557354	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	2.1	***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.		

Geology Stratum ID:	6557355	***Mat Consistency:***	
Top Depth:	2.1	***Material Moisture:***	
Bottom Depth:	3	***Material Texture:***	Fine
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: Fine Sand **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557357	**Mat Consistency:**	Dense
Top Depth:	10.2	**Material Moisture:**	
Bottom Depth:	11.9	**Material Texture:**	
Material Color:		**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: DENSE SANDY SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557359	**Mat Consistency:**	
Top Depth:	13	**Material Moisture:**	
Bottom Depth:	14.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: SHALEY LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557371	**Mat Consistency:**	
Top Depth:	14.3	**Material Moisture:**	
Bottom Depth:	15.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: SHALEY LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.

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40 **1 of 1** **ESE/145.1** **71.8 / -0.03** **ON** **BORE**

Borehole ID:	847410	**Inclin FLG:**	No
OGF ID:	215589073	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	08-FEB-1962	**Municipality:**	
Static Water Level:		**Lot:**	LOT G
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.40786
Total Depth m:	3.7	**Longitude DD:**	-75.69351
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445730
Drill Method:	Diamond Drill	**Northing:**	5028494
Orig Ground Elev m:	68.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 100 metres
DEM Ground Elev m:	69.1		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:	NO INFORMATION ON THE STATIC WATER LEVEL		

Borehole Geology Stratum

Geology Stratum ID:	6557416	**Mat Consistency:**	Stiff
Top Depth:	3.2	**Material Moisture:**	
Bottom Depth:	3.7	**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:	STIFF SILTY GRAY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557414	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.8	**Material Texture:**	Fine
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 FINE SAND WITH SOME GRAVEL AND A FEW CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557415	**Mat Consistency:**	Dense
Top Depth:	1.8	**Material Moisture:**	
Bottom Depth:	3.2	**Material Texture:**	Medium
Material Color:		**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:	MEDIUM DENSE SILTY SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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41 **1 of 11** **ENE/148.1** **75.5 / 3.61** **Ottawa-Carleton District School Board** **GEN**
Glashan PS 28 Arlington Ave.
Ottawa ON K2P 1C2

Generator No:	ON4363413	**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:	243
Waste Class Desc:	PCB'S

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41 **2 of 11** **ENE/148.1** **75.5 / 3.61** **Ottawa-Carleton District School Board** **GEN**
28 Arlington Avenue
Ottawa ON K2P 1C2

Generator No:	ON2829633	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2009	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	611110		

SIC Description: Elementary and Secondary Schools

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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

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41 ***3 of 11*** ***ENE/148.1*** ***75.5 / 3.61*** ***Ottawa-Carleton District School Board***
28 Arlington Avenue
Ottawa ON K2P 1C2
GEN

Generator No: ON2829633
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 611110
SIC Description: Elementary and Secondary Schools

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

Detail(s)

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: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

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

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41 ***4 of 11*** ***ENE/148.1*** ***75.5 / 3.61*** ***Ottawa-Carleton District School Board***
28 Arlington Avenue
Ottawa ON K2P 1C2
GEN

Generator No: ON2829633
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:

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

SIC Code: 611110
SIC Description: Elementary and Secondary Schools

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

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41 | ***5 of 11*** | ***ENE/148.1*** | ***75.5 / 3.61*** | ***Ottawa-Carleton District School Board***
28 Arlington Avenue
Ottawa ON K2P 1C2 | ***GEN***

Generator No: ON2829633
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 611110
SIC Description: Elementary and Secondary Schools

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

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41 | ***6 of 11*** | ***ENE/148.1*** | ***75.5 / 3.61*** | ***Ottawa-Carleton District School Board***
28 Arlington Avenue
Ottawa ON | ***GEN***

Generator No: ON2829633
Status:
Approval Years: 2013
Contam. Facility:

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

MHSW Facility: ***Phone No Admin:***
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

Detail(s)

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

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

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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41 ***7 of 11*** ***ENE/148.1*** ***75.5 / 3.61*** ***Ottawa-Carleton District School Board***
28 Arlington Avenue
Ottawa ON K2P 1C2 ***GEN***

Generator No: ON2829633 ***PO Box No:***
Status: ***Country:*** Canada
Approval Years: 2015 ***Choice of Contact:*** CO_OFFICIAL
Contam. Facility: No ***Co Admin:*** Greg Benson
MHSW Facility: No ***Phone No Admin:*** 613-596-8211 Ext.8549
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

Detail(s)

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	8 of 11	ENE/148.1	75.5 / 3.61	Ottawa-Carleton District School Board 28 Arlington Avenue Ottawa ON K2P 1C2	GEN

Generator No: ON2829633
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Greg Benson
Phone No Admin: 613-596-8211 Ext.8549

Detail(s)

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	9 of 11	ENE/148.1	75.5 / 3.61	Ottawa-Carleton District School Board 28 Arlington Avenue Ottawa ON K2P 1C2	GEN

Generator No: ON2829633
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Greg Benson
Phone No Admin: 613-596-8211 Ext.8549

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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41 | **10 of 11** | **ENE/148.1** | **75.5 / 3.61** | **Ottawa-Carleton District School Board Health & Safety**
28 Arlington Avenue
Ottawa ON K2P 1C2 | **GEN**

Generator No: ON2829633
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

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

Waste Class: 121 C
Waste Class Desc: Alkaline slutions - containing heavy metals

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

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

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

Waste Class: 221 I
Waste Class Desc: Light fuels

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

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

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

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41 | **11 of 11** | **ENE/148.1** | **75.5 / 3.61** | **Ottawa-Carleton District School Board Health & Safety** | **GEN**

28 Arlington Avenue
Ottawa ON K2P 1C2

Generator No:	ON2829633	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Apr 2020	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	148 C
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	146 T
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	221 I
Waste Class Desc:	Light fuels
Waste Class:	213 I
Waste Class Desc:	Petroleum distillates
Waste Class:	263 I
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	145 I
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:	331 I
Waste Class Desc:	Waste compressed gases including cylinders
Waste Class:	146 R
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	146 C
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	263 B
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	121 C
Waste Class Desc:	Alkaline slutions - containing heavy metals

42 ***1 of 1*** ***SSE/148.2*** ***69.8 / -2.06*** ***ON*** ***BORE***

Borehole ID:	847501	**Inclin FLG:**	No
OGF ID:	215589159	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	18-AUG-1961	**Municipality:**	
Static Water Level:		**Lot:**	LOT G
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.407487
Total Depth m:	2.4	**Longitude DD:**	-75.694157
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445679

Drill Method:	Power auger	**Northing:**	5028453
Orig Ground Elev m:	67.2	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	69.4		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557759	**Mat Consistency:**	
Top Depth:	1.7	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Cobbles	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY SILT AND SAND WITH COBBLES **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557758	**Mat Consistency:**	
Top Depth:	1.4	**Material Moisture:**	
Bottom Depth:	1.7	**Material Texture:**	Fine
Material Color:		**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:	SILTY FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557757	**Mat Consistency:**	
Top Depth:	1.1	**Material Moisture:**	
Bottom Depth:	1.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	organic material	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SANDY SILT WITH A LITTLE ORGANIC MATERIAL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557756	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Cinder Ash
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Cinders	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	organic material	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FILL CINDERS SAND ASHES, ORGANIC MATERIAL SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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43 | ***1 of 1*** | ***SSW/150.1*** | ***71.2 / -0.69*** | ***ON*** | ***BORE***

Borehole ID:	847507	**Inclin FLG:**	No
OGF ID:	215589164	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No

Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	21-AUG-1961	***Municipality:***	
Static Water Level:		***Lot:***	LOT F
Primary Water Use:		***Township:***	NEPEAN
Sec. Water Use:		***Latitude DD:***	45.40746
Total Depth m:	3	***Longitude DD:***	-75.695652
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	445562
Drill Method:	Power auger	***Northing:***	5028451
Orig Ground Elev m:	68.4	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	70.2		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557779	***Mat Consistency:***	
Top Depth:	2.7	***Material Moisture:***	
Bottom Depth:	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:	6557775	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.9	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	Brick
Material 1:	Fill	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Cinders	***Geologic Period:***	
Material 4:	Wood Fragments	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	FILL SAND CINDERS BRICK WOOD **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557777	***Mat Consistency:***	
Top Depth:	1.5	***Material Moisture:***	
Bottom Depth:	2.4	***Material Texture:***	Fine
Material Color:		***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:	SILT AND FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557776	***Mat Consistency:***	
Top Depth:	.9	***Material Moisture:***	
Bottom Depth:	1.5	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Fill	***Geologic Formation:***	
Material 2:	Fine Sand	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:	Topsoil	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	FILL SILTY FINE SAND WITH SMALL TOP SOIL POCKETS **Note: Many records provided by the department		

have a truncated [Stratum Description] field.

Geology Stratum ID:	6557778	**Mat Consistency:**	
Top Depth:	2.4	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND WITH SOME GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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44 | **1 of 1** | **E/151.6** | **75.9 / 4.00** | **240 CATHERINE STREET Ottawa ON** | **WWIS**

Well ID:	7269212	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	8/17/2016
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z233006	**Owner:**	
Tag:	A191029	**Street Name:**	240 CATHERINE STREET
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006216997	**Elevation:**	70.356307
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445772
Code OB Desc:		**North83:**	5028584
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/23/2016	**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:	1006231738
Layer:	3

Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	2.79
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006231737
Layer:	2
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	.61
Formation End Depth:	2.79
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006231736
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0
Formation End Depth:	.61
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006231747
Layer:	2
Plug From:	0.31
Plug To:	1.22
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006231748
Layer:	3
Plug From:	1.22
Plug To:	4.57

Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006231746
Layer: 1
Plug From: 0
Plug To: 0.31
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006231745
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1006231735
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006231741
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.5
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006231742
Layer: 1
Slot: 10
Screen Top Depth: 1.5
Screen End Depth: 4.57
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03

Water Details

Water ID: 1006231740
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

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

Hole ID: 1006231739
Diameter: 20.32
Depth From: 0
Depth To: 4.57
Hole Depth UOM: m
Hole Diameter UOM: cm

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45 | **1 of 2** | **WSW/151.6** | **75.3 / 3.39** | **327-331 Catherine Street Ottawa ON K1R 5T4** | **EHS**

Order No: 20200319012
Status: C
Report Type: Standard Report
Report Date: 24-MAR-20
Date Received: 19-MAR-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.6965322
Y: 45.4079518

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45 | **2 of 2** | **WSW/151.6** | **75.3 / 3.39** | **327-331 Catherine Street Ottawa ON K1R 5T4** | **EHS**

Order No: 20200319012
Status: C
Report Type: Standard Report
Report Date: 24-MAR-20
Date Received: 19-MAR-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.6965322
Y: 45.4079518

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46 | **1 of 1** | **S/153.6** | **69.8 / -2.06** | **506 KENT ST Ottawa ON** | **WWIS**

Well ID: 7321563
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: 0
Water Type:
Casing Material:
Audit No: Z290533
Tag: A254694
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 11/1/2018
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 506 KENT ST
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1007305646
Elevation:

DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445609
Code OB Desc:		**North83:**	5028436
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	8/23/2018	**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:	1007568821
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.5
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007568820
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	01
Mat2 Desc:	FILL
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0
Formation End Depth:	1.5
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007568829
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007568830

Layer:	2
Plug From:	0.31
Plug To:	1.22
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007568831
Layer:	3
Plug From:	1.22
Plug To:	4.57
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1007568828
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1007568819
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007568824
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.5
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1007568825
Layer:	1
Slot:	10
Screen Top Depth:	1.5
Screen End Depth:	4.57
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1007568823
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID: 1007568822
Diameter: 8.25
Depth From: 0
Depth To: 4.57
Hole Depth UOM: m
Hole Diameter UOM: cm

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47 | ***1 of 1*** | ***SW/156.1*** | ***72.5 / 0.59*** | ***320 Catharine St Ottawa ON K1R5T5*** | ***EHS***

Order No: 20171219152
Status: C
Report Type: Site Report
Report Date: 21-DEC-17
Date Received: 19-DEC-17
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: OH
Search Radius (km): .001
X: -75.696033
Y: 45.407543

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48 | ***1 of 7*** | ***SW/156.1*** | ***72.5 / 0.59*** | ***320 Catherine Street Ottawa ON K1R 5T5*** | ***EHS***

Order No: 20000718005
Status: C
Report Type: Complete Report
Report Date: 7/26/00
Date Received: 7/18/00
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.696184
Y: 45.407736

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48 | ***2 of 7*** | ***SW/156.1*** | ***72.5 / 0.59*** | ***320 Catherine Street Ottawa ON K1R 5T5*** | ***EHS***

Order No: 20000718006
Status: C
Report Type: Custom Report
Report Date: 7/26/00
Date Received: 7/18/00
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.80
X: -75.696184
Y: 45.407736

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48 | ***3 of 7*** | ***SW/156.1*** | ***72.5 / 0.59*** | ***320 Catherine Street Ottawa ON K1R 5T5*** | ***EHS***

Order No: 20000718007
Status: C
Report Type: Custom Report
Report Date: 7/26/00
Date Received: 7/18/00
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 1.60
X: -75.696184
Y: 45.407736

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
48	4 of 7	SW/156.1	72.5 / 0.59	320 Catherine Street Ottawa ON K1R 5T5	EHS

Order No:	20020904002	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Complete Report	**Client Prov/State:**	ON
Report Date:	9/12/02	**Search Radius (km):**	0.25
Date Received:	9/4/02	**X:**	-75.695931
Previous Site Name:		**Y:**	45.407813
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
48	5 of 7	SW/156.1	72.5 / 0.59	RENTALEX LTD. 320 CATHERINE STREET OTTAWA ON K1R 5T5	GEN

Generator No:	ON1079703	**PO Box No:**	
Status:		**Country:**	
Approval Years:	98	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	9911		
SIC Description:	IND. MACH. RENTAL		

Detail(s)

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
48	6 of 7	SW/156.1	72.5 / 0.59	RENTALEX LIMITED 320 CATHERINE STREET OTTAWA ON K1R 5T5	GEN

Generator No:	ON1079703	**PO Box No:**	
Status:		**Country:**	
Approval Years:	99	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	9911		
SIC Description:	IND. MACH. RENTAL		

Detail(s)

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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48 | ***7 of 7*** | ***SW/156.1*** | ***72.5 / 0.59*** | ***RENTAL SERVICE CORPORATION OF CANADA LTD***
320 CATHERINE STREET
OTTAWA ON K1R 5T5 | ***GEN***

Generator No: ON1079703
Status:
Approval Years: 00,01,02,03,04
Contam. Facility:
MHSW Facility:
SIC Code: 9911
SIC Description: IND. MACH. RENTAL

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

Detail(s)

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: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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49 | ***1 of 1*** | ***SSW/156.2*** | ***70.2 / -1.69*** | ***ON*** | ***BORE***

Borehole ID: 847476
OGF ID: 215589134
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 16-AUG-1961
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 3
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Power auger
Orig Ground Elev m: 68.5
Elev Reliabil Note:
DEM Ground Elev m: 72.2
Concession: BROKEN FRONT C
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: LOT F
Township: NEPEAN
Latitude DD: 45.407336
Longitude DD: -75.695356
UTM Zone: 18
Easting: 445585
Northing: 5028437
Location Accuracy:
Accuracy: Within 10 metres

Borehole Geology Stratum

Geology Stratum ID:	6557673	***Mat Consistency:***	
Top Depth:	2.7	***Material Moisture:***	
Bottom Depth:	3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Boulders	***Geologic Period:***	
Material 4:	organic material	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SANDY SILT WITH SOME BOULDERS, AND A FEW SMALL POCKETS OF ORGANIC MATERIAL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557671	***Mat Consistency:***	
Top Depth:	0	***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 WITH SOME GRAVEL A FEW POCKETS OF CLAY AND CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557672	***Mat Consistency:***	
Top Depth:	1.4	***Material Moisture:***	
Bottom Depth:	2.7	***Material Texture:***	Fine
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	FINE SAND WITH A LITTLE SITL AND A TRACE OF GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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50 ***1 of 1*** ***S/158.3*** ***69.9 / -2.01*** ***ON*** ***BORE***

Borehole ID:	847504	***Inclin FLG:***	No
OGF ID:	215589161	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	18-AUG-1961	***Municipality:***	
Static Water Level:		***Lot:***	LOT G
Primary Water Use:		***Township:***	NEPEAN
Sec. Water Use:		***Latitude DD:***	45.407284
Total Depth m:	3.7	***Longitude DD:***	-75.69496
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	445616
Drill Method:	Power auger	***Northing:***	5028431
Orig Ground Elev m:	67.9	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	72.1		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557765	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.8	**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 GRAVEL CINDERS CLAY AND COBBLES **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557766	**Mat Consistency:**	
Top Depth:	1.8	**Material Moisture:**	
Bottom Depth:	3.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Fine Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: SILT AND FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.

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51 | **1 of 1** | **SW/158.9** | **73.9 / 2.00** | **340 CATHERINE ST Ottawa ON** | **WWIS**

Well ID:	7300807	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	12/5/2017
Sec. Water Use:	Monitoring	**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z270221	**Owner:**	
Tag:	A192262	**Street Name:**	340 CATHERINE 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):

Bore Hole Information

Bore Hole ID:	1006856479	**Elevation:**	67.76651
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445510
Code OB Desc:		**North83:**	5028475
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/13/2017	**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:	1007049699
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007049700
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	1
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007049701
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	5
Formation End Depth:	15
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007049710
Layer:	2
Plug From:	1
Plug To:	4

Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007049711
Layer: 3
Plug From: 4
Plug To: 15
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007049712
Layer: 4
Plug From:
Plug To:
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007049709
Layer: 1
Plug From: 0
Plug To: 1
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007049708
Method Construction Code: E
Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1007049698
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007049704
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 5
Casing Diameter: 1.5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007049705
Layer: 1

Slot:	10
Screen Top Depth:	5
Screen End Depth:	15
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID:	1007049703
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1007049702
Diameter:	4
Depth From:	0
Depth To:	15
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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52 | ***1 of 1*** | ***WNW/159.8*** | ***75.8 / 3.89*** | ***ULTRAMAR ON THE ROAD AT THE CORNER OF LION & FLORA STREETS TANK TRUCK (CARGO) OTTAWA CITY ON*** | ***SPL***

Ref No:	122675	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	1/18/1996	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CONTAINER LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	NOT ANTICIPATED	**Site Municipality:**	20101
Nature of Impact:	Other	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	CITY OF OTTAWA
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	1/18/1996	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	EQUIPMENT FAILURE	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ULTRAMAR -45 L OF FURNACEOIL TO ROAD FROM TANKER DELIVERY TRUCK. .		
Contaminant Qty:			

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53 | ***1 of 1*** | ***W/164.0*** | ***76.9 / 5.00*** | ***143 Arlington Ave Ottawa ON K1R5S6*** | ***EHS***

Order No:	20160301021	**Nearest Intersection:**	
Status:	C	**Municipality:**	

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

Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	07-MAR-16	**Search Radius (km):**	.25
Date Received:	01-MAR-16	**X:**	-75.696999
Previous Site Name:		**Y:**	45.408523
Lot/Building Size:			
Additional Info Ordered:	City Directory		

54 *1 of 1* *W/164.1* *76.9 / 5.00* ***Centretown Citizens Ottawa Corporation*** ***ECA***
143 Arlington Ave
Ottawa ON K2P 2M8

Approval No:	8094-AS8K8V	**MOE District:**	
Approval Date:	2017-10-27	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	
SWP Area Name:		**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	143 Arlington Ave		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6514-AR6L47-14.pdf		

55 *1 of 1* *ESE/166.5* *74.2 / 2.36* ***BORE***
ON

Borehole ID:	847498	**Inclin FLG:**	No
OGF ID:	215589156	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	21-AUG-1961	**Municipality:**	
Static Water Level:		**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408161
Total Depth m:	2.7	**Longitude DD:**	-75.692939
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445775
Drill Method:	Power auger	**Northing:**	5028527
Orig Ground Elev m:	68.9	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	73		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557747	**Mat Consistency:**	
Top Depth:	1.5	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Fine Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT AND FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557748	**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.		

Geology Stratum ID:	6557745	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Cinder Ash
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Brick fragments	**Geologic Group:**	
Material 3:	Cinders	**Geologic Period:**	
Material 4:	Sand	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FILL ASHES BRICK CINDERS SAND LUMBER **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557746	**Mat Consistency:**	
Top Depth:	.9	**Material Moisture:**	
Bottom Depth:	1.5	**Material Texture:**	Fine
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:	FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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56 **1 of 1** **E/166.7** **75.6 / 3.73** **ON** **BORE**

Borehole ID:	847471	**Inclin FLG:**	No
OGF ID:	215589129	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	16-AUG-1961	**Municipality:**	
Static Water Level:		**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408386
Total Depth m:	2.7	**Longitude DD:**	-75.692839
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445783
Drill Method:	Power auger	**Northing:**	5028552
Orig Ground Elev m:	69.3	**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:	6557656	**Mat Consistency:**	
Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	Fine
Material Color:		**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:	FINE SAND WITH SOME SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.		
Geology Stratum ID:	6557655	**Mat Consistency:**	
Top Depth:	1.4	**Material Moisture:**	
Bottom Depth:	2.3	**Material Texture:**	
Material Color:		**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:	SANDY SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.		
Geology Stratum ID:	6557654	**Mat Consistency:**	
Top Depth:	0	**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:	Boulders	**Geologic Period:**	
Material 4:	Cinders	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FILL SAND WITH A FEW BOULDERS A LITTLE CINDERS AND SOME RUBBLE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

57 **1 of 1** **ESE/167.3** **72.9 / 1.00** **ON** **BORE**

Borehole ID:	847408	**Inclin FLG:**	No
OGF ID:	215589071	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	04-JAN-1962	**Municipality:**	
Static Water Level:	3.5	**Lot:**	LOT G
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408043
Total Depth m:	11.1	**Longitude DD:**	-75.693001
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445770
Drill Method:	Diamond Drill	**Northing:**	5028514
Orig Ground Elev m:	68.7	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 100 metres
DEM Ground Elev m:	72.3		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:	LOTS OF THE STRATUM DESCRIPTION WERE HARD TO READ SOME ILLEGIBLE.		

Borehole Geology Stratum

Geology Stratum ID:	6557396	**Mat Consistency:**	Loose
Top Depth:	.8	**Material Moisture:**	
Bottom Depth:	1.1	**Material Texture:**	
Material Color:		**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:	LOOSE FINE SAND WITH A LITTLE SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557400	***Mat Consistency:***	Soft
Top Depth:	8.4	***Material Moisture:***	
Bottom Depth:	8.7	***Material Texture:***	Medium
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 GRAY MEDIUM PLASTICITY MEDIUM SOFT AND SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557397	***Mat Consistency:***	Dense
Top Depth:	1.1	***Material Moisture:***	
Bottom Depth:	2.3	***Material Texture:***	Medium
Material Color:		***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:	MEDIUM DENSE FINE SAND WITH A LITTLE SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557398	***Mat Consistency:***	Stiff
Top Depth:	2.3	***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 GRAY HIGH PLASTICITY STIFF TO MEDIUM SOFT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557399	***Mat Consistency:***	Soft
Top Depth:	6.1	***Material Moisture:***	
Bottom Depth:	8.4	***Material Texture:***	Medium
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 GRAY MEDIUM PLASTICITY MEDIUM SOFT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557395	***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:		***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.		

Geology Stratum ID:	6557401	***Mat Consistency:***	Dense
Top Depth:	8.7	***Material Moisture:***	

Bottom Depth:	9.6	**Material Texture:**	Medium
Material Color:		**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:	MEDIUM DENSE SANDY SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557403	**Mat Consistency:**	Loose
Top Depth:	10.2	**Material Moisture:**	
Bottom Depth:	11	**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:	LOOSE SANDY TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557402	**Mat Consistency:**	Loose
Top Depth:	9.6	**Material Moisture:**	
Bottom Depth:	10.2	**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:	LOOSE SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557404	**Mat Consistency:**	Dense
Top Depth:	11	**Material Moisture:**	
Bottom Depth:	11.1	**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:	DENSE SANDY TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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58 **1 of 1** **E/171.5** **77.3 / 5.39** **ON** **BORE**

Borehole ID:	847550	**Inclin FLG:**	No
OGF ID:	215589207	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	24-FEB-1962	**Municipality:**	
Static Water Level:	2.6	**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408702
Total Depth m:	17.5	**Longitude DD:**	-75.692728
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445792
Drill Method:	Diamond Drill	**Northing:**	5028587
Orig Ground Elev m:	69.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	71.8		
Concession:	BROKEN FRONT C		

Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID: 6557936
Top Depth: 0
Bottom Depth: 1.8
Material Color:
Material 1: Fill
Material 2: Fine Sand
Material 3: Silt
Material 4: Topsoil
Gsc Material Description:
Stratum Description: FILL SILTY FINE SAND AND A TOPSOIL POCKET **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: 6557941
Top Depth: 9.8
Bottom Depth: 11.3
Material Color: Grey
Material 1: Clay
Material 2: Silt
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY GREY SILTY STIFF **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: 6557943
Top Depth: 11.7
Bottom Depth: 12
Material Color:
Material 1: Silt
Material 2: Fine Sand
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SILT WITH SOME FINE 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:

Geology Stratum ID: 6557944
Top Depth: 12
Bottom Depth: 13.9
Material Color:
Material 1: Till
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: DENSE TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID: 6557937
Top Depth: 1.8
Bottom Depth: 3.1
Material Color:
Material 1: Sand
Material 2: Silt
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: MEDIUM DENSE FINE SAND WITH SOME SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID:	6557940	**Mat Consistency:**	
Top Depth:	8.2	**Material Moisture:**	
Bottom Depth:	9.8	**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 MEDIUM PLASTICITY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557945	**Mat Consistency:**	
Top Depth:	13.9	**Material Moisture:**	
Bottom Depth:	15.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SHALEY LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557938	**Mat Consistency:**	Stiff
Top Depth:	3.1	**Material Moisture:**	
Bottom Depth:	5.6	**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 WITH SOME FISSRUES HIGH PLASTICITY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557942	**Mat Consistency:**	Soft
Top Depth:	11.3	**Material Moisture:**	
Bottom Depth:	11.7	**Material Texture:**	Medium
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:	MEDIUM SOFT GREY CLAY AND SILT LAYERS **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557939	**Mat Consistency:**	Stiff
Top Depth:	5.6	**Material Moisture:**	
Bottom Depth:	8.2	**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 **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	NE/172.3	75.0 / 3.08	R.M. OF OTTAWA-CARLETON ARLINGTON ST./KENT ST./BANK ST OTTAWA CITY ON	CA

Certificate #: 7-0052-99-

Application Year:	99
Issue Date:	3/2/1999
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

60 **1 of 1** **E/172.5** **77.3 / 5.39** **ON** **BORE**

Borehole ID:	847495	**Inclin FLG:**	No
OGF ID:	215589153	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	21-AUG-1961	**Municipality:**	
Static Water Level:		**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408693
Total Depth m:	3.4	**Longitude DD:**	-75.692715
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445793
Drill Method:	Power auger	**Northing:**	5028586
Orig Ground Elev m:	69.4	**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:	6557733	**Mat Consistency:**	
Top Depth:	.9	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	Fine
Material Color:		**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:	SILTY FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557734	**Mat Consistency:**	
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	3.4	**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:	6557731	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	

Bottom Depth:	.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Asphalt
Material 1:	Asphalt	**Geologic Formation:**	
Material 2:	crushed gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: ASPHALT, CRUSHED STONE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557732	**Mat Consistency:**	
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Cinder Ash
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Cinders	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: FILL SAND WITH CINDERS ASHES **Note: Many records provided by the department have a truncated [Stratum Description] field.

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61 | ***1 of 3*** | ***SE/174.0*** | ***71.1 / -0.81*** | ***R.W. Tomlinson/CSST***
Kent St and Chamberlain Ave
Ottawa ON K1S 1V9 | ***GEN***

Generator No:	ON9824798	**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

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

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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61 | ***2 of 3*** | ***SE/174.0*** | ***71.1 / -0.81*** | ***R.W. Tomlinson Limited***
Corner of Kent St. and Chamberlain Ave. (at the Y)
Ottawa ON | ***SPL***

Ref No:	8556-AU6TMJ	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2017/12/16	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	Corporation
Incident Cause:		**Sector Type:**	Miscellaneous Industrial
Incident Event:	Operator/Human error	**Agency Involved:**	
Contaminant Code:	15	**Nearest Watercourse:**	
Contaminant Name:	HYDRAULIC OIL	**Site Address:**	Corner of Kent St. and Chamberlain Ave. (at the Y)
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	n/a	**Site Region:**	Eastern
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	

Receiving Medium:		**Site Conc:**	
Receiving Env:	Land; Source Water Zone	**Northing:**	5028474.28
MOE Response:	No	**Easting:**	445749.65
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2017/12/18	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Land Spills
Incident Reason:	Operator/Human Error	**Source Type:**	Valve/Fitting/Piping

Site Name: CSST Project: City of Ottawa Mine Shaft<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: CSST Project: Site 10A mineshaft: 250 L hydr oil to rock ground, clnd
Contaminant Qty: 250 L

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61 | ***3 of 3*** | ***SE/174.0*** | ***71.1 / -0.81*** | ***R.W. Tomlinson/CSST Kent St and Chamberlain Ave Ottawa ON K1S 1V9*** | ***GEN***

Generator No:	ON9824798	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Apr 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

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

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

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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62 | ***1 of 2*** | ***NW/176.2*** | ***75.9 / 4.03*** | ***452 MCLEOD STREET, OTTAWA ON*** | ***PINC***

Incident ID:		**Health Impact:**	
Incident No:	1926390	**Environment Impact:**	
Type:	FS-Pipeline Incident	**Property Damage:**	No
Status Code:	Pipeline Damage Reason Est	**Service Interupt:**	
Fuel Occurrence Tp:		**Enforce Policy:**	Yes
Fuel Type:		**Public Relation:**	
Tank Status:	RC Established	**Pipeline System:**	
Task No:	6294644	**Depth:**	
Spills Action Centre:		**Pipe Material:**	
Method Details:	E-mail	**PSIG:**	
Fuel Category:	Natural Gas	**Attribute Category:**	FS-Perform P-line Inc Invest
Date of Occurrence:		**Regulator Location:**	
Occurrence Start Date:	2016/08/23		
Operation Type:			
Pipeline Type:			
Regulator Type:			

Summary: 452 MCLEOD STREET, OTTAWA - PIPELINE HIT - 1 ¼"
Reported By: Shawn Clost - ENBRIDGE
Affiliation:

Occurrence Desc:
Damage Reason: Excavation practices not sufficient
Notes:

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62 **2 of 2** **NW/176.2** **75.9 / 4.03** **452 Mcleod Street Ottawa ON** **SPL**

Ref No:	1307-ACY26K	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	8/18/2016	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Industrial
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	452 Mcleod Street
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:	Air	**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	8/18/2016	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	

Site Name: Private Residence<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TSSA- 1" 1/4 steel, line strike, made safe, Ottawa
Contaminant Qty: 0 other - see incident description

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63 **1 of 2** **NNW/177.2** **74.2 / 2.31** **436 MCLEOD STREET, OTTAWA ON** **PINC**

Incident ID:		**Health Impact:**	
Incident No:	1954620	**Environment Impact:**	
Type:	FS-Pipeline Incident	**Property Damage:**	Yes
Status Code:	Pipeline Damage Reason Est	**Service Interupt:**	
Fuel Occurrence Tp:		**Enforce Policy:**	Yes
Fuel Type:		**Public Relation:**	
Tank Status:	RC Established	**Pipeline System:**	
Task No:	6371841	**Depth:**	
Spills Action Centre:		**Pipe Material:**	
Method Details:	E-mail	**PSIG:**	
Fuel Category:	Natural Gas	**Attribute Category:**	FS-Perform P-line Inc Invest
Date of Occurrence:		**Regulator Location:**	
Occurrence Start Date:	2016/10/05		
Operation Type:			
Pipeline Type:			
Regulator Type:			

Summary: 436 MCLEOD STREET, OTTAWA - PIPELINE HIT - 1 ¼"
Reported By: Bernie Monette - ENBRIDGE
Affiliation:
Occurrence Desc:
Damage Reason: Facility marking or location not sufficient
Notes:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
63	2 of 2	NNW/177.2	74.2 / 2.31	Enbridge Gas Distribution Inc. 436 McLeod Street Ottawa ON	SPL

Ref No:	3083-AEFK3R	Discharger Report:	
Site No:	NA	Material Group:	
Incident Dt:	10/5/2016	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:		Sector Type:	Miscellaneous Industrial
Incident Event:	Leak/Break	Agency Involved:	
Contaminant Code:	35	Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)	Site Address:	436 McLeod Street
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:	Air	Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	10/5/2016	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	Source Type:	
Site Name:	Residential<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA: 1 1/4" plastic service line damage, made safe		
Contaminant Qty:	0 other - see incident description		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
64	1 of 1	N/178.0	73.9 / 2.00	PRIVATE RESIDENCE 477 KENT STREET FURNACE OIL TANK OTTAWA CITY ON K2P 2B6	SPL

Ref No:	139852	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	4/23/1997	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	ABOVE-GROUND 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:	NOT ANTICIPATED	Site Municipality:	20101
Nature of Impact:	Other	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:	4/23/1997	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	CORROSION	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	PRIVATE RESIDENCE: 1/4 L FURNACE OIL TO CONCRETE PATIO STONES, TANK LEAK.		
Contaminant Qty:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
65	1 of 1	ENE/178.2	78.3 / 6.39	ON	BORE

Borehole ID:	613200	**Inclin FLG:**	No
OGF ID:	215514503	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	APR-1971	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.409198
Total Depth m:	7.3	**Longitude DD:**	-75.692751
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445791
Drill Method:		**Northing:**	5028642
Orig Ground Elev m:	68	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	68.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218394114	**Mat Consistency:**	Soft
Top Depth:	1.4	**Material Moisture:**	
Bottom Depth:	5.3	**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,SOFT,STIFF,FISSURED.		

Geology Stratum ID:	218394113	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:		**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:	Silt	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	ARTIFICIAL.		

Geology Stratum ID:	218394115	**Mat Consistency:**	Compact
Top Depth:	5.3	**Material Moisture:**	
Bottom Depth:	7.3	**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,STIFF. 00000005 SAND. LOOSE TO COMPACT. UNSPECIFIED. DENSE. SAND. VERY DENSE.		

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: 057080 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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66 | ***1 of 15*** | ***E/178.3*** | ***77.5 / 5.60*** | ***THE CANADA CHINA NEWS***
240 CATHERINE ST SUITE 201
OTTAWA ON K2P 2G8 | ***SCT***

Established:	1995
Plant Size (ft²):	0
Employment:	6

--Details--

Description:	Newspaper Publishers
SIC/NAICS Code:	511110

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66 | ***2 of 15*** | ***E/178.3*** | ***77.5 / 5.60*** | ***THE PRINTING HOUSE LTD***
240 CATHERINE ST SUITE 105
OTTAWA ON K2P 2G8 | ***SCT***

Established:	1963
Plant Size (ft²):	1000
Employment:	6

--Details--

Description:	MISCELLANEOUS PUBLISHING
SIC/NAICS Code:	2741
Description:	COMMERCIAL PRINTING, LITHOGRAPHIC
SIC/NAICS Code:	2752
Description:	COMMERCIAL PRINTING, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code:	2759

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66 | ***3 of 15*** | ***E/178.3*** | ***77.5 / 5.60*** | ***THE PRINTING HOUSE LTD.***
240 Catherine St Suite 105
Ottawa ON K2P 2G8 | ***SCT***

Established:	1963
Plant Size (ft²):	1000
Employment:	5

--Details--

Description:	Other Printing
SIC/NAICS Code:	323119

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
66	4 of 15	E/178.3	77.5 / 5.60	ALPHATEXT RONALDS PRINTING 240 CATHERING ST OTTAWA ON K2P 2G8	GEN

Generator No: ON0591400
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 2821
SIC Description: PLATEMAKING, ETC.

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
66	5 of 15	E/178.3	77.5 / 5.60	ALPHATEXT RONALDS PRINTING 02-115 240 CATHERING ST OTTAWA ON K2P 2G8	GEN

Generator No: ON0591400
Status:
Approval Years: 92,93,94,95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 2821
SIC Description: PLATEMAKING, ETC.

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
66	6 of 15	E/178.3	77.5 / 5.60	PRINTING HOUSE LTD. 240 CATHERINE STREET OTTAWA ON K2P 2G8	GEN

Generator No: ON1855503
Status:
Approval Years: 96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 2811
SIC Description: BUSINESS FORMS PRINT.

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
66	7 of 15	E/178.3	77.5 / 5.60	PRINTING HOUSE LTD., THE 240 CATHERINE STREET OTTAWA ON K2P 2G8	GEN

Generator No: ON1855503
Status:
Approval Years: 99,00,01,03
Contam. Facility:
MHSW Facility:

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

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

SIC Code: 2811
SIC Description: BUSINESS FORMS PRINT.

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

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66 **8 of 15** **E/178.3** **77.5 / 5.60** **Maninvest Inc.** **GEN**
240 Catherine
Ottawa ON K2P 2G8

Generator No: ON1381032
Status:
Approval Years: 02,03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

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

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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66 **9 of 15** **E/178.3** **77.5 / 5.60** **PRINTING HOUSE LTD., THE** **GEN**
240 CATHERINE STREET
OTTAWA ON K2P 2G8

Generator No: ON1855503
Status:
Approval Years: 02
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

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66 **10 of 15** **E/178.3** **77.5 / 5.60** **PRINTING HOUSE LTD., THE** **GEN**
240 CATHERINE STREET
OTTAWA ON K2P 2G8

Generator No: ON1855503
Status:
Approval Years: 04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

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66 **11 of 15** **E/178.3** **77.5 / 5.60** **Corporate Express Office** **SCT**
240 rue Catherine Suite 103
Ottawa ON K2P 2G8

Established: 1990
Plant Size (ft²):
Employment: 13

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

--Details--
Description: Office and Store Machinery and Equipment Wholesaler-Distributors
SIC/NAICS Code: 417910

Description: Stationery and Office Supplies Wholesaler-Distributors
SIC/NAICS Code: 418210

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66 ***12 of 15*** ***E/178.3*** ***77.5 / 5.60*** ***240 Catherine Street Ottawa ON K2P 2G8*** ***EHS***

Order No:	20070515018	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	CAN - Custom Report	***Client Prov/State:***	
Report Date:	5/25/2007	***Search Radius (km):***	0.25
Date Received:	5/15/2007	***X:***	-75.692598
Previous Site Name:		***Y:***	45.408926
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps And /or Site Plans

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66 ***13 of 15*** ***E/178.3*** ***77.5 / 5.60*** ***Cima Canada Inc 240 Catherine St Suite 110 Ottawa ON K2P 2G8*** ***GEN***

Generator No:	ON2842682	***PO Box No:***	
Status:		***Country:***	Canada
Approval Years:	2015	***Choice of Contact:***	CO_ADMIN
Contam. Facility:	No	***Co Admin:***	Jason Lavallee
MHSW Facility:	No	***Phone No Admin:***	6138602462 Ext.6629
SIC Code:	541330		
SIC Description:	ENGINEERING SERVICES		

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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66 ***14 of 15*** ***E/178.3*** ***77.5 / 5.60*** ***240 Catherine Street Inc. 240 Catherine Street Ottawa ON K2P 2G8*** ***GEN***

Generator No:	ON3237061	***PO Box No:***	
Status:		***Country:***	Canada
Approval Years:	2014	***Choice of Contact:***	CO_ADMIN
Contam. Facility:	No	***Co Admin:***	Dwight M Cheff
MHSW Facility:	No	***Phone No Admin:***	613-234-1211 Ext.
SIC Code:	531120		
SIC Description:	LESSORS OF NON-RESIDENTIAL BUILDINGS (EXCEPT MINI-WAREHOUSES)		

Detail(s)

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

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66 ***15 of 15*** ***E/178.3*** ***77.5 / 5.60*** ***GumDocs Dental Centre 240 Catherine Street Fourth Floor Ottawa ON K2P 2G8*** ***GEN***

Generator No:	ON9162153	***PO Box No:***	
Status:	Registered	***Country:***	Canada

Approval Years: As of Apr 2020
Choice of Contact:
Contam. Facility:
Co Admin:
MHSW Facility:
Phone No Admin:
SIC Code:
SIC Description:

Detail(s)

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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67 **1 of 2** **SW/178.3** **73.9 / 2.00** **340 Catherine St**
Ottawa ON K1R1C4 **EHS**

Order No: 20150423014
Status: C
Report Type: Custom Report
Report Date: 28-APR-15
Date Received: 23-APR-15
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.696228
Y: 45.407468

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67 **2 of 2** **SW/178.3** **73.9 / 2.00** **The Canadian Red Cross Society**
340 Catherine St
Ottawa ON K2P 2P2 **ECA**

Approval No: 9778-76JL42
Approval Date: 2007-10-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-AIR
Project Type: AIR
Address: 340 Catherine St
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5182-72YRUC-14.pdf
MOE District: Ottawa
City:
Longitude: -75.69628999999999
Latitude: 45.40735
Geometry X:
Geometry Y:

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68 **1 of 1** **SSW/179.8** **72.5 / 0.64** **ON** **BORE**

Borehole ID: 847561
OGF ID: 215589218
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 14-NOV-1961
Static Water Level: 3.1
Primary Water Use:
Sec. Water Use:
Total Depth m: 6.9
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Diamond Drill
Orig Ground Elev m: 68.3
Elev Reliabil Note:
DEM Ground Elev m: 71.4
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: LOT F
Township: NEPEAN
Latitude DD: 45.407234
Longitude DD: -75.695866
UTM Zone: 18
Easting: 445545
Northing: 5028426
Location Accuracy:
Accuracy: Within 10 metres

Concession: BROKEN FRONT C
Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID: 6557981
Top Depth: 0
Bottom Depth: .3
Material Color: Brown
Material 1: Fill
Material 2: Sand
Material 3: Cinders
Material 4:
Gsc Material Description:
Mat Consistency: Loose
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Stratum Description: LOOSE TO COMPACT BROWN CINDER AND SAND FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 6557982
Top Depth: .3
Bottom Depth: 6.6
Material Color: Grey-Brown
Material 1: Sand
Material 2: Gravel
Material 3: Silt
Material 4:
Gsc Material Description:
Mat Consistency: Loose
Material Moisture:
Material Texture: Fine
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Stratum Description: LOOSE TO COMPACT GREY BROWN TO GREY FINE SAND WITH SOME GRAVEL BECOMING SILTY FINE SAND BELOW ABOUT EL 213 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 6557983
Top Depth: 6.6
Bottom Depth: 6.9
Material Color:
Material 1: Sand
Material 2: Gravel
Material 3: Boulders
Material 4: Bedrock
Gsc Material Description:
Mat Consistency: Compact
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Stratum Description: PROBABLY COMPACT SAND AND GRAVEL THEN REFUSAL BOULDER OR BEDROCK **Note: Many records provided by the department have a truncated [Stratum Description] field.

69	1 of 1	ESE/180.5	72.9 / 1.00	CHAMBERLAN AVE & KENT STREET Ottawa ON	WWIS

Well ID: 7241181
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z191611
Tag: A156894
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Data Entry Status:
Data Src:
Date Received: 5/11/2015
Selected Flag: Yes
Abandonment Rec:
Contractor: 1844
Form Version: 7
Owner:
Street Name: CHAMBERLAN AVE & KENT STREET
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
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/724\7241181.pdf

Bore Hole Information

Bore Hole ID:	1005347533	**Elevation:**	70.282859
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445778
Code OB Desc:		**North83:**	5028501
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/10/2014	**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:	1005612324
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	06
Mat2 Desc:	SILT
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	.15
Formation End Depth:	2.28
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005612323
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	.15
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID: 1005612325

Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.28
Formation End Depth:	6.1
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005612332
Layer:	1
Plug From:	0
Plug To:	0.6
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005612333
Layer:	2
Plug From:	1.5
Plug To:	2.3
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1005612331
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	HSA

Pipe Information

Pipe ID:	1005612322
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005612328
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.8
Casing Diameter:	2.54
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005612329

Layer: 1
Slot:
Screen Top Depth: 2.8
Screen End Depth: 6.1
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 3.21

Water Details

Water ID: 1005612327
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005612326
Diameter: 20.3
Depth From: 0
Depth To: 6.1
Hole Depth UOM: m
Hole Diameter UOM: cm

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70 | **1 of 1** | **WSW/181.2** | **75.8 / 3.95** | **1470201 ONTARIO INC.**
335 CATHERINE ST
OTTAWA ON K1R 5T4 | **GEN**

Generator No: ON3235885
Status:
Approval Years: 04
Contam. Facility:
MHSW Facility:
SIC Code: 551114
SIC Description: Head Offices

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

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71 | **1 of 1** | **SSW/181.8** | **69.9 / -2.00** | **ON** | **BORE**

Borehole ID: 847506
OGF ID: 215589163
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 18-AUG-1961
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 3.4
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Power auger
Orig Ground Elev m: 68.3
Elev Reliabil Note:
DEM Ground Elev m: 72.7
Concession: BROKEN FRONT C
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: LOT F
Township: NEPEAN
Latitude DD: 45.407128
Longitude DD: -75.69552
UTM Zone: 18
Easting: 445572
Northing: 5028414
Location Accuracy:
Accuracy: Within 10 metres

Borehole Geology Stratum

Geology Stratum ID:	6557774	***Mat Consistency:***	
Top Depth:	2.7	***Material Moisture:***	
Bottom Depth:	3.4	***Material Texture:***	Fine
Material Color:		***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:	FINE SAND AND SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557773	***Mat Consistency:***	
Top Depth:	2.4	***Material Moisture:***	
Bottom Depth:	2.7	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Topsoil	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557771	***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:	Cinders	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	FILL CINDERS AND SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557772	***Mat Consistency:***	
Top Depth:	.8	***Material Moisture:***	
Bottom Depth:	2.4	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Fill	***Geologic Formation:***	
Material 2:	Fine Sand	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:	Cinders	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	FILL FINE SAND WITH SOME GRAVEL AND A FEW CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.		

72	***1 of 1***	***ESE/182.8***	***72.9 / 1.00***	***CHAMBERLAIN AVE & KENT ST Ottawa ON***	***WWIS***

Well ID:	7241180	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	5/11/2015
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	1844
Casing Material:		***Form Version:***	7
Audit No:	Z191610	***Owner:***	
Tag:	A156894	***Street Name:***	CHAMBERLAIN AVE & KENT ST
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	

Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/724\7241180.pdf

Bore Hole Information

Bore Hole ID:	1005347530	**Elevation:**	69.766044
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445779
Code OB Desc:		**North83:**	5028498
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/10/2014	**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:	1005612251
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.28
Formation End Depth:	8.23
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005612250
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	.15
Formation End Depth:	2.28
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005612252
Layer:	4
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	8.23
Formation End Depth:	12
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005612249
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	.15
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005612253
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Mat2 Desc:	
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	12
Formation End Depth:	30.28
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005612261
Layer:	1
Plug From:	10.7
Plug To:	17.8
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID: 1005612262
Layer: 2
Plug From: 23
Plug To: 30.28
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005612260
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: HSA

Pipe Information

Pipe ID: 1005612248
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005612257
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 18.5
Casing Diameter: 2.54
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005612258
Layer: 1
Slot: 10
Screen Top Depth: 18.5
Screen End Depth: 21.5
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 3.21

Water Details

Water ID: 1005612256
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005612254
Diameter: 20.3
Depth From: 0
Depth To: 12

Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1005612255
Diameter: 10.16
Depth From: 12.3
Depth To: 30.28
Hole Depth UOM: m
Hole Diameter UOM: cm

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73 | **1 of 1** | **SW/183.0** | **75.3 / 3.39** | **340 CATHERINE ST OTTAWA ON** | **WWIS**

Well ID: 7305583
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z277470
Tag: A215866
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: 2/13/2018
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 340 CATHERINE ST
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1006985643
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 1/17/2018
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 445493
North83: 5028458
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1007145649
Layer: 2
Color: 2

General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.83
Formation End Depth:	3.14
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007145648
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1.83
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007145650
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	3.14
Formation End Depth:	5.78
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007145658
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007145659
Layer:	2
Plug From:	0.31
Plug To:	2.44
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007145660
Layer:	3
Plug From:	2.44
Plug To:	5.78
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1007145657
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1007145647
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007145653
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.74
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1007145654
Layer:	1
Slot:	10
Screen Top Depth:	2.74
Screen End Depth:	5.78
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1007145652
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

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

Hole ID: 1007145651
Diameter: 8.25
Depth From: 0
Depth To: 5.78
Hole Depth UOM: m
Hole Diameter UOM: cm

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74 **1 of 2** **WSW/183.4** **75.8 / 3.95** **1225763 ONTARIO INC.** **GEN**
333 CATHERINE STREET, UNIT 101
OTTAWA ON K1R 5T4

Generator No: ON2412100
Status:
Approval Years: 98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 9999
SIC Description: OTHER SERVICES

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

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74 **2 of 2** **WSW/183.4** **75.8 / 3.95** **Enviro-Curb Manufacturing Inc.** **SCT**
333 Catherine St Suite 201
Ottawa ON K1R 5T4

Established: 01-AUG-92
Plant Size (ft²):
Employment:

--Details--
Description: Chemical (except Agricultural) and Allied Product Wholesaler-Distributors
SIC/NAICS Code: 418410

Description: Industrial Machinery, Equipment and Supplies Wholesaler-Distributors
SIC/NAICS Code: 417230

Description: Chemical (except Agricultural) and Allied Product Wholesaler-Distributors
SIC/NAICS Code: 418410

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75 **1 of 1** **WNW/184.9** **76.9 / 5.04** **Ultramar Limited** **SPL**
Florence Lackey, 462 McLeod Street
Ottawa ON K1R 5P6

Ref No: 4381-5LPHHU
Site No:
Incident Dt: 4/16/2003
Year:
Incident Cause: Pipe Or Hose Leak
Incident Event:
Contaminant Code: 13
Contaminant Name: FURNACE OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Soil Contamination
Receiving Medium: Land
Receiving Env:

Discharger Report:
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:

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

MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	4/17/2003	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Spill to Land
Incident Reason:	Corrosion - All forms of internal/external corrosion	**Source Type:**	
Site Name:	BASEMENT<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ottawa - furnace oil spill		
Contaminant Qty:			

76 **1 of 1** **SW/186.5** **72.5 / 0.64** **340 CATHERINE ST OTTAWA ON** **WWIS**

Well ID:	7300804	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	12/5/2017
Sec. Water Use:	Monitoring	**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z270222	**Owner:**	
Tag:	A221799	**Street Name:**	340 CATHERINE 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):

Bore Hole Information

Bore Hole ID:	1006856470	**Elevation:**	70.84526
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445532
Code OB Desc:		**North83:**	5028425
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/13/2017	**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:	1007049659
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:	5
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007049658
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007049667
Layer:	1
Plug From:	0
Plug To:	1
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007049668
Layer:	2
Plug From:	1
Plug To:	4
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007049669
Layer:	3
Plug From:	4
Plug To:	15
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007049666
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1007049657
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007049662
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	5
Casing Diameter:	1.5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007049663
Layer:	1
Slot:	10
Screen Top Depth:	5
Screen End Depth:	15
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID:	1007049661
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1007049660
Diameter:	4
Depth From:	0
Depth To:	15
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
77	1 of 2	WNW/187.2	76.9 / 5.04	466 MCLEOD ST, OTTAWA ON	PINC

Incident ID:		***Health Impact:***	
Incident No:	1902308	***Environment Impact:***	
Type:	FS-Pipeline Incident	***Property Damage:***	Yes
Status Code:	Pipeline Damage Reason Est	***Service Interupt:***	
Fuel Occurrence Tp:		***Enforce Policy:***	Yes
Fuel Type:		***Public Relation:***	
Tank Status:	RC Established	***Pipeline System:***	
Task No:	6247139	***Depth:***	

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

Spills Action Centre:		**Pipe Material:**	
Method Details:	E-mail	**PSIG:**	
Fuel Category:	Natural Gas	**Attribute Category:**	FS-Perform P-line Inc Invest
Date of Occurrence:		**Regulator Location:**	
Occurrence Start Date:	2016/09/23		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	466 MCLEOD ST, OTTAWA - PIPELINE HIT - 1 ¼"		
Reported By:	Tracy Penney - ENBRIDGE		
Affiliation:			
Occurrence Desc:			
Damage Reason:	Excavation practices not sufficient		
Notes:			

77	2 of 2	WNW/187.2	76.9 / 5.04	**Enbridge Gas Distribution Inc.** **466 Mcleod St** **Ottawa ON**	SPL

Ref No:	0306-ABTGPW	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2016/07/13	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Communal
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	466 Mcleod St
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2016/07/13	**Site Map Datum:**	
Dt Document Closed:	2016/08/16	**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	
Site Name:	residential<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA: 1.25" line strike -made safe-		
Contaminant Qty:	0 other - see incident description		

78	1 of 1	S/187.8	69.9 / -2.00	**ON**	BORE

Borehole ID:	847505	**Inclin FLG:**	No
OGF ID:	215589162	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	21-AUG-1961	**Municipality:**	
Static Water Level:		**Lot:**	LOT G
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.407022
Total Depth m:	3	**Longitude DD:**	-75.695084
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445606

Drill Method:	Power auger	**Northing:**	5028402
Orig Ground Elev m:	66.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	69.6		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557768	**Mat Consistency:**	
Top Depth:	.5	**Material Moisture:**	
Bottom Depth:	2.1	**Material Texture:**	Fine
Material Color:		**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:	SILTY FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557770	**Mat Consistency:**	
Top Depth:	2.7	**Material Moisture:**	
Bottom Depth:	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:	6557767	**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:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SANDY FILL WITH CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557769	**Mat Consistency:**	
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND AND GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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79 | ***1 of 1*** | ***E/188.5*** | ***77.3 / 5.39*** | ***ON*** | ***BORE***

Borehole ID:	847551	**Inclin FLG:**	No
OGF ID:	215589208	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No

Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	02-MAR-1962	**Municipality:**	
Static Water Level:	1.2	**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408748
Total Depth m:	2.7	**Longitude DD:**	-75.692511
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445809
Drill Method:	Diamond Drill	**Northing:**	5028592
Orig Ground Elev m:	68.1	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	72.2		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557948	**Mat Consistency:**	Hard
Top Depth:	2.4	**Material Moisture:**	
Bottom Depth:	2.7	**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:	HARD FISSURED GREY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557947	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Cinder Ash
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Fine Sand	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	Organic	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FILL FINE SAND SILT ORGANIC MATERIAL ASHES COAL AND WOOD **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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80 | ***1 of 1*** | ***SW/190.0*** | ***75.3 / 3.39*** | ***340 CATHERINE ST OTTAWA ON*** | ***WWIS***

Well ID:	7305584	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	2/13/2018
Sec. Water Use:	Monitoring	**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z277469	**Owner:**	
Tag:	A215867	**Street Name:**	340 CATHERINE 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:
Clear/Cloudy:

UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1006985646
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 1/19/2018
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 445484
North83: 5028457
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1007145662
Layer: 1
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 1.83
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007145664
Layer: 3
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 91
Mat3 Desc: WATER-BEARING
Formation Top Depth: 3.1
Formation End Depth: 5.79
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007145663
Layer: 2

Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.83
Formation End Depth:	3.1
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007145672
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007145674
Layer:	3
Plug From:	2.44
Plug To:	5.79
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007145673
Layer:	2
Plug From:	0.31
Plug To:	2.44
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007145671
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1007145661
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007145667
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0

Depth To:	2.74
Casing Diameter:	4.03
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007145668
Layer:	1
Slot:	10
Screen Top Depth:	2.74
Screen End Depth:	5.79
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	4.82

Water Details

Water ID:	1007145666
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1007145665
Diameter:	8.25
Depth From:	0
Depth To:	5.79
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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81 *1 of 1* *SSW/191.7* *72.5 / 0.64* *ON* ***BORE***

Borehole ID:	847477	**Inclin FLG:**	No
OGF ID:	215589135	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	16-AUG-1961	**Municipality:**	
Static Water Level:		**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.407117
Total Depth m:	2.9	**Longitude DD:**	-75.695865
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445545
Drill Method:	Power auger	**Northing:**	5028413
Orig Ground Elev m:	68.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	72.3		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557676	**Mat Consistency:**	

Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	organic material	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: ORGANIC MATERIAL AND SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557675	**Mat Consistency:**	
Top Depth:	1.5	**Material Moisture:**	
Bottom Depth:	2.3	**Material Texture:**	Fine
Material Color:		**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: FINE SAND AND SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557674	**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:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Cinders	**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: FILL SAND WITH A LITTLE GRAVEL CINDERS AND A FEW CLAY POCKETS **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557677	**Mat Consistency:**	
Top Depth:	2.4	**Material Moisture:**	
Bottom Depth:	2.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Fine Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Clay	**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: SILT WITH FINE SAND AND GRAVEL AND A TRACE OF CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.

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82 | **1 of 1** | **SW/193.7** | **75.3 / 3.39** | **340 CATHERINE ST OTTAWA ON** | **WWIS**

Well ID:	7305585	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	2/13/2018
Sec. Water Use:	Monitoring	**Selected Flag:**	Yes
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z277468	**Owner:**	
Tag:	A215865	**Street Name:**	340 CATHERINE 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:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006985649	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	445489
Code OB Desc:		***North83:***	5028447
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	1/19/2018	***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:	1007145815
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.83
Formation End Depth:	3.1
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007145814
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1.83
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID: 1007145816
Layer: 3
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 3.1
Formation End Depth: 5.79
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007145825
Layer: 2
Plug From: 0.31
Plug To: 2.44
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007145824
Layer: 1
Plug From: 0
Plug To: 0.31
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007145826
Layer: 3
Plug From: 2.44
Plug To: 5.39
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1007145823
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1007145813
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007145819
Layer: 1

Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.74
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1007145820
Layer:	1
Slot:	10
Screen Top Depth:	2.74
Screen End Depth:	5.79
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1007145818
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007145817
Diameter:	8.25
Depth From:	0
Depth To:	5.79
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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83 **1 of 1** **ENE/193.9** **78.2 / 6.36** **ON** **BORE**

Borehole ID:	613203	**Inclin FLG:**	No
OGF ID:	215514506	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	APR-1971	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.409558
Total Depth m:	7.3	**Longitude DD:**	-75.692755
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445791
Drill Method:		**Northing:**	5028682
Orig Ground Elev m:	69.1	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	67.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218394122	***Mat Consistency:***	Stiff
Top Depth:	2.2	***Material Moisture:***	
Bottom Depth:	2.7	***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,GREY,STIFF,FISSURED.		

Geology Stratum ID:	218394121	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	2.2	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:		***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:	Gravel	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	ARTIFICIAL.		

Geology Stratum ID:	218394125	***Mat Consistency:***	Stiff
Top Depth:	5.3	***Material Moisture:***	
Bottom Depth:	7.3	***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,STIFF,FISSURED. 00000 015 00073 075 00090 065 00125 050 00175 065 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218394123	***Mat Consistency:***	Stiff
Top Depth:	2.7	***Material Moisture:***	
Bottom Depth:	3.8	***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,GREY,STIFF,FISSURED.		

Geology Stratum ID:	218394124	***Mat Consistency:***	Soft
Top Depth:	3.8	***Material Moisture:***	
Bottom Depth:	5.3	***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,SOFT,STIFF,FISSURED.		

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: 057110 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

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84 | **1 of 1** | **WNW/194.1** | **76.9 / 5.00** | **497 Lyon Street Ottawa ON** | **SPL**

Ref No: 3737-ABYLDP
Site No: NA
Incident Dt: 2016/07/18
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Land
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2016/07/18
Dt Document Closed:
Incident Reason: Material Failure - Poor Design/Substandard Material
Site Name: spill<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Hydraulic oil spill to ground, cleaning 479 Lyon St
Contaminant Qty: 100 L
Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address: 497 Lyon Street
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:

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85 | **1 of 1** | **SW/197.3** | **75.3 / 3.39** | **340 CATHERINE ST OTTAWA ON** | **WWIS**

Well ID: 7300806
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z270224
Tag: A192263
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Data Entry Status:
Data Src:
Date Received: 12/5/2017
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 340 CATHERINE ST
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:

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

Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006856476	***Elevation:***	68.354423
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	445488
Code OB Desc:		***North83:***	5028443
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	10/13/2017	***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:	1007049685
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	1
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007049684
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007049687
Layer:	4
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15
Formation End Depth:	
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007049686
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	5
Formation End Depth:	15
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007049695
Layer:	1
Plug From:	0
Plug To:	1
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007049697
Layer:	3
Plug From:	4
Plug To:	15
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007049696
Layer:	2
Plug From:	1
Plug To:	4
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007049694

Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1007049683
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007049690
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	5
Casing Diameter:	1.5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007049691
Layer:	1
Slot:	10
Screen Top Depth:	5
Screen End Depth:	15
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID:	1007049689
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1007049688
Diameter:	4
Depth From:	0
Depth To:	15
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

86 ***1 of 1*** ***E/197.4*** ***77.3 / 5.43*** ***ON*** ***BORE***

Borehole ID:	847497	**Inclin FLG:**	No
OGF ID:	215589155	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	

Completion Date:	21-AUG-1961	**Municipality:**	
Static Water Level:		**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408416
Total Depth m:	2.4	**Longitude DD:**	-75.692431
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445815
Drill Method:	Power auger	**Northing:**	5028555
Orig Ground Elev m:	68.9	**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:	6557744	**Mat Consistency:**	
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:	2.4	**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:	6557741	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Cinders	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CINDERS WITH SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557742	**Mat Consistency:**	
Top Depth:	.3	**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:	Topsoil	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FILL SAND WITH POCKETS OF TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557743	**Mat Consistency:**	
Top Depth:	1.2	**Material Moisture:**	
Bottom Depth:	2.1	**Material Texture:**	Fine
Material Color:		**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:	SILTY FINE 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
87	1 of 2	SE/198.1	69.9 / -2.00	Enbridge Gas Distribution Inc. 62 Chamberlaine Ave Ottawa ON	SPL

Ref No:	0330-98GMRN	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	08-JUN-13	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Unknown / N/A	Sector Type:	Pipeline/Components
Incident Event:		Agency Involved:	
Contaminant Code:	35	Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)	Site Address:	62 Chamberlaine Ave
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:	Air Pollution	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:	08-JUN-13	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Air Spills - Gases and Vapours
Incident Reason:	Unknown / N/A	Source Type:	
Site Name:	Commercial<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Enbridge, 2 inch strike, road closure		
Contaminant Qty:	0 other - see incident description		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
87	2 of 2	SE/198.1	69.9 / -2.00	62 CHAMBERLAIN AVE, OTTAWA ON	PINC

Incident ID:		Health Impact:	
Incident No:	1125264	Environment Impact:	
Type:	FS-Pipeline Incident	Property Damage:	Yes
Status Code:	Pipeline Damage Reason Est	Service Interupt:	
Fuel Occurrence Tp:		Enforce Policy:	Yes
Fuel Type:		Public Relation:	
Tank Status:	RC Established	Pipeline System:	
Task No:	4509424	Depth:	
Spills Action Centre:		Pipe Material:	
Method Details:	E-mail	PSIG:	
Fuel Category:	Natural Gas	Attribute Category:	FS-Perform P-line Inc Invest
Date of Occurrence:		Regulator Location:	
Occurrence Start Date:	2013/06/10		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	62 CHAMBERLAIN AVE, OTTAWA - PIPELINE HIT - 2"		
Reported By:	Peter Valiquet - Enbridge		
Affiliation:			
Occurrence Desc:			
Damage Reason:	Excavation practices not sufficient		
Notes:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
88	1 of 1	SSE/199.1	69.9 / -2.00	64 Chamberlain Ave Ottawa ON K1S1V9	EHS

Order No:	20160804011	Nearest Intersection:	
Status:	C	Municipality:	

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

Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	09-AUG-16	**Search Radius (km):**	.25
Date Received:	04-AUG-16	**X:**	-75.694156
Previous Site Name:		**Y:**	45.406999
Lot/Building Size:			
Additional Info Ordered:			

89 | **1 of 1** | **SSE/199.5** | **69.9 / -2.00** | **KRUG FURNITURE INC.**
68 CHAMBERLAIN AVE
OTTAWA ON K1S 1V9 | **SCT**

Established:	1875
Plant Size (ft²):	0
Employment:	300

--Details--

Description:	FURNITURE
SIC/NAICS Code:	5021

90 | **1 of 1** | **E/199.7** | **77.8 / 5.95** | **ON** | **BORE**

Borehole ID:	847552	**Inclin FLG:**	No
OGF ID:	215589209	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	02-MAR-1962	**Municipality:**	
Static Water Level:	2.3	**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408803
Total Depth m:	2.3	**Longitude DD:**	-75.692371
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445820
Drill Method:	Diamond Drill	**Northing:**	5028598
Orig Ground Elev m:	69.2	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	72.2		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557950	**Mat Consistency:**	Dense
Top Depth:	.9	**Material Moisture:**	
Bottom Depth:	1.8	**Material Texture:**	Medium
Material Color:		**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:	MEDIUM DENSE SILTY SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557949	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Brick

Material 1:	Fill	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	organic material	**Depositional Gen:**	

Gsc Material Description:
Stratum Description: FILL SILTY SAND BRICK ORGANIC MATERIAL FEW STONES **Note: Many records provided by the department have a truncated [Stratum Description] field.

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91 | **1 of 1** | **W/200.4** | **77.2 / 5.31** | **165 Arlington Avenue, Ottawa ON K1R 5S6** | **EHS**

Order No:	20180828066	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa
Report Type:	RSC Report (Urban)	**Client Prov/State:**	ON
Report Date:	04-SEP-18	**Search Radius (km):**	.3
Date Received:	28-AUG-18	**X:**	-75.697425
Previous Site Name:	La Caisse Populaire Laurier D'Ottawa Limitee	**Y:**	45.408336
Lot/Building Size:	0.075 acres		

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos

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92 | **1 of 3** | **ESE/200.9** | **70.2 / -1.73** | **The Clones Society Inc., 30 Chamberlain Ave, Ottawa ON K1S 1V9** | **SCT**

Established: 1990
Plant Size (ft²):
Employment: 9

--Details--
Description: Computer and Peripheral Equipment Manufacturing
SIC/NAICS Code: 334110

Description: Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing
SIC/NAICS Code: 334220

Description: Manufacturing and Reproducing Magnetic and Optical Media
SIC/NAICS Code: 334610

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92 | **2 of 3** | **ESE/200.9** | **70.2 / -1.73** | **30 Chamberlain Ave, Ottawa ON K1S 1V9** | **EHS**

Order No:	20200430035	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	05-MAY-20	**Search Radius (km):**	.25
Date Received:	30-APR-20	**X:**	-75.6930303
Previous Site Name:		**Y:**	45.4074839
Lot/Building Size:			

Additional Info Ordered:

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92 | **3 of 3** | **ESE/200.9** | **70.2 / -1.73** | **30 Chamberlain Ave, Ottawa ON K1S 1V9** | **EHS**

Order No:	20200430035	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	05-MAY-20	**Search Radius (km):**	.25
Date Received:	30-APR-20	**X:**	-75.6930303
Previous Site Name:		**Y:**	45.4074839

Lot/Building Size:
Additional Info Ordered:

93 **1 of 1** **E/202.0** **77.3 / 5.43** **ON** **BORE**

Borehole ID:	847470	**Inclin FLG:**	No
OGF ID:	215589128	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	16-AUG-1961	**Municipality:**	
Static Water Level:		**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408596
Total Depth m:	2.4	**Longitude DD:**	-75.692343
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445822
Drill Method:	Power auger	**Northing:**	5028575
Orig Ground Elev m:	69.6	**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:	6557651	**Mat Consistency:**	
Top Depth:	0	**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:	Cinders	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FILL SAND AND CINDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557653	**Mat Consistency:**	
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:	2.4	**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:	6557652	**Mat Consistency:**	
Top Depth:	1.4	**Material Moisture:**	
Bottom Depth:	2.1	**Material Texture:**	Fine
Material Color:		**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:	SILTY FINE 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
94	1 of 1	NW/202.6	76.7 / 4.80	McLeod Street & Lyon Street Ottawa ON	EHS

Order No:	20150501061	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	08-MAY-15	**Search Radius (km):**	.2
Date Received:	01-MAY-15	**X:**	-75.696711
Previous Site Name:		**Y:**	45.410025
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
95	1 of 1	SSE/202.6	69.9 / -2.00	72 Chamberlain Ave Ottawa ON K1S	EHS

Order No:	20180430015	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	07-MAY-18	**Search Radius (km):**	.25
Date Received:	30-APR-18	**X:**	-75.694211
Previous Site Name:		**Y:**	45.406954
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
96	1 of 1	SW/203.2	73.9 / 2.00	340 CATHERINE STREET Ottawa ON	WWIS

Well ID:	7338542	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	7/29/2019
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	1844
Casing Material:		**Form Version:**	7
Audit No:	Z191675	**Owner:**	
Tag:	A267520	**Street Name:**	340 CATHERINE STREET
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):

Bore Hole Information

Bore Hole ID:	1007565805	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445511
Code OB Desc:		**North83:**	5028418
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/14/2019	**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: 1008014627
Layer: 1
Color: 2
General Color: GREY
Mat1: 27
Most Common Material: OTHER
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 28
Mat3 Desc: SAND
Formation Top Depth: 0
Formation End Depth: .14
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1008014631
Layer: 5
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 3.66
Formation End Depth: 6.1
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1008014632
Layer: 6
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 06
Mat3 Desc: SILT
Formation Top Depth: 6.1
Formation End Depth: 7.1
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID:	1008014628
Layer:	2
Color:	2
General Color:	GREY
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	77
Mat2 Desc:	LOOSE
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	.14
Formation End Depth:	.46
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008014630
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	08
Mat2 Desc:	FINE SAND
Mat3:	74
Mat3 Desc:	LAYERED
Formation Top Depth:	2.74
Formation End Depth:	3.66
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008014629
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	.46
Formation End Depth:	2.74
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008015872
Layer:	1
Plug From:	0.35
Plug To:	2
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008015873
Layer:	2

Plug From:	5.5
Plug To:	7
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1008017400
Method Construction Code:	F
Method Construction:	H.S.A.
Other Method Construction:	

Pipe Information

Pipe ID:	1008013790
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008017565
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	2.18
Depth To:	
Casing Diameter:	3.18
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1008018010
Layer:	1
Slot:	10
Screen Top Depth:	2.18
Screen End Depth:	5.18
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	3.88

Results of Well Yield Testing

Pump Test ID:	1008018529
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Hole Diameter

Hole ID:	1008016643
Diameter:	20.3
Depth From:	0
Depth To:	7
Hole Depth UOM:	m
Hole Diameter UOM:	cm

97 ***1 of 1*** ***WNW/204.0*** ***76.9 / 5.00*** ***ON*** ***BORE***

Borehole ID:	613204	***Inclin FLG:***	No
OGF ID:	215514507	***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:***	45.409712
Total Depth m:	-999	***Longitude DD:***	-75.697102
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	445451
Drill Method:		***Northing:***	5028702
Orig Ground Elev m:	71	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	68.6		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218394126	***Mat Consistency:***	Loose
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.5	***Material Texture:***	
Material Color:	Black	***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. BLACK,LOOSE.		

Geology Stratum ID:	218394128	***Mat Consistency:***	Loose
Top Depth:	5.8	***Material Moisture:***	
Bottom Depth:	7	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Clay	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND. LOOSE.		

Geology Stratum ID:	218394130	***Mat Consistency:***	Soft
Top Depth:	7.6	***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. ED. CLAY. GREY,SOFT,STIFF,FISSURED. CLAY. GREY,STIFF,FISSURED. 00000 015 0007 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 218394129 ***Mat Consistency:*** Loose
Top Depth: 7 ***Material Moisture:***
Bottom Depth: 7.6 ***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.

Geology Stratum ID: 218394127 ***Mat Consistency:*** Soft
Top Depth: 1.5 ***Material Moisture:***
Bottom Depth: 5.8 ***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. SOFT.

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: 057120 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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98 ***1 of 1*** ***SW/204.2*** ***73.9 / 2.00*** ***340 CATHERINE ST OTTAWA ON*** ***WWIS***

Well ID: 7300805 ***Data Entry Status:***
Construction Date: ***Data Src:***
Primary Water Use: Test Hole ***Date Received:*** 12/5/2017
Sec. Water Use: Monitoring ***Selected Flag:*** Yes
Final Well Status: Test Hole ***Abandonment Rec:***
Water Type: ***Contractor:*** 7241
Casing Material: ***Form Version:*** 7
Audit No: Z270223 ***Owner:***
Tag: A221857 ***Street Name:*** 340 CATHERINE ST
Construction Method: ***County:*** OTTAWA
Elevation (m): ***Municipality:*** OTTAWA CITY
Elevation Reliability: ***Site Info:***

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

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

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1006856473
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/13/2017
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 69.913116
Elevrc:
Zone: 18
East83: 445514
North83: 5028415
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1007049671
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 28
Mat2 Desc: SAND
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0
Formation End Depth: 5
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007049672
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: 5
Formation End Depth: 15
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007049680
Layer: 1
Plug From: 0
Plug To: 1
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007049681
Layer: 2
Plug From: 1
Plug To: 4
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007049682
Layer: 3
Plug From: 4
Plug To: 15
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007049679
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1007049670
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007049675
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 5
Casing Diameter: 1.5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007049676
Layer: 1
Slot: 10
Screen Top Depth: 5

Screen End Depth:	15
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID:	1007049674
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1007049673
Diameter:	4
Depth From:	0
Depth To:	15
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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99 | ***1 of 1*** | ***SW/206.3*** | ***75.8 / 3.95*** | ***350 CATHERINE ST Ottawa ON*** | ***WWIS***

Well ID:	7313092	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	6/19/2018
Sec. Water Use:	Monitoring	**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z212319	**Owner:**	
Tag:	A182495	**Street Name:**	350 CATHERINE ST
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1007115218	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445471
Code OB Desc:		**North83:**	5028447
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	3/23/2018	**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: 1007372452
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: .61
Formation End Depth: 1.83
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1007372451
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: .61
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1007372453
Layer: 3
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 1.83
Formation End Depth: 6.1
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007372462
Layer: 2

Plug From:	0.31
Plug To:	2.74
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007372461
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007372463
Layer:	3
Plug From:	2.74
Plug To:	6.1
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1007372460
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1007372450
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007372456
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.1
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1007372457
Layer:	1
Slot:	10
Screen Top Depth:	3.1
Screen End Depth:	6.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

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

Water Details

Water ID:	1007372455
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007372454
Diameter:	8.25
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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100 ***1 of 33*** ***ENE/207.3*** ***78.2 / 6.36*** ***MACEWEN FUELS***
512 BANK STREET SERVICE STATION
OTTAWA CITY ON K2P 1Z6 ***SPL***

Ref No:	114568	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	6/17/1995	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	6/17/1995	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	EQUIPMENT FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: MACEWEN FUELS-30 LITERS GASOLINE TO GROUND,U/G TANK OVERFILLED.
Contaminant Qty:

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100 ***2 of 33*** ***ENE/207.3*** ***78.2 / 6.36*** ***MACEWEN PETROLEUM INC***
512 BANK ST
OTTAWA ON K2P 1Z6 ***PRT***

Location ID:	10833
Type:	retail
Expiry Date:	1995-07-31
Capacity (L):	77280
Licence #:	0076366590

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100 ***3 of 33*** ***ENE/207.3*** ***78.2 / 6.36*** ***MACEWEN PETROLEUM INC***
512A BANK ST ***PRT***

OTTAWA ON K2P1Z6

Location ID: 11142
Type: retail
Expiry Date: 1995-05-31
Capacity (L): 2000
Licence #: 0076420843

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100 | **4 of 33** | **ENE/207.3** | **78.2 / 6.36** | **MACEWEN FUELS**
512 A BANK STREET SERVICE STATION
OTTAWA CITY ON K2P 1Z6 | **SPL**

Ref No:	132331	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	9/25/1996	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	PIPE/HOSE LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	POSSIBLE	**Site Municipality:**	20101
Nature of Impact:	Soil contamination	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	MCCR
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	9/25/1996	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	UNKNOWN	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: MACEWEN FUELS-UKN QTY GASOLINE TO GRND,LINE LEAK AT DISPENSER.
Contaminant Qty:

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100 | **5 of 33** | **ENE/207.3** | **78.2 / 6.36** | **MACEWEN FUELS**
512 A BANK STREET SERVICE STATION
CUMBERLAND TOWNSHIP ON K2P 1Z6 | **SPL**

Ref No:	132622	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	10/2/1996	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	CONTAINER OVERFLOW	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	NOT ANTICIPATED	**Site Municipality:**	20601
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:	10/2/1996	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	ERROR	**Source Type:**	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:				MACEWEN FUELS-30L OF DIESEL FUEL TO ASPHALT DRIVE OFF	
Contaminant Qty:					

100	6 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC 512A BANK ST OTTAWA ON K2P1Z6	RST

Headcode:	1186800
Headcode Desc:	Service Stations-Gasoline, Oil & Natural Gas
Phone:	6132324420
List Name:	
Description:	

100	7 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLIUM 520 BANK OTTAWA ON K1S 3T3	RST

Headcode:	1186800
Headcode Desc:	Service Stations-Gasoline, Oil & Natural Gas
Phone:	6132356102
List Name:	
Description:	

100	8 of 33	ENE/207.3	78.2 / 6.36	ALLSPORT RENTALS & SALES 02-779 512 BANK ST. OTTAWA ON K2P 1Z6	GEN

Generator No:	ON1708300	PO Box No:	
Status:		Country:	
Approval Years:	93,94,95,96,97,98	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	6541		
SIC Description:	SPORTING GOODS STORE		

Detail(s)

Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES

100	9 of 33	ENE/207.3	78.2 / 6.36	ALLSPORT RENTALS & SALES 512 BANK STREET OTTAWA ON K2P 1Z6	GEN

Generator No:	ON1708300	PO Box No:	
Status:		Country:	
Approval Years:	99,00,01	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	6541		
SIC Description:	SPORTING GOODS STORE		

Detail(s)

Waste Class:	213

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PETROLEUM DISTILLATES			

100	10 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC 512 BANK ST OTTAWA ON K2P 1Z6	RST

Headcode: 01186800
Headcode Desc: SERVICE STATIONS-GASOLINE, OIL & NATURAL GAS
Phone:
List Name:
Description:

100	11 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512 BANK ST OTTAWA ON K2P 1Z6	FSTH

License Issue Date: 1/25/2002
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Retail Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 1989
Corrosion Protection:
Capacity: 31820
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1988
Corrosion Protection:
Capacity: 22730
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1988
Corrosion Protection:
Capacity: 22730
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

100	12 of 33	ENE/207.3	78.2 / 6.36	MacEwen Petroleum Inc 512-A Bank St, Ottawa, ON K2P 1Z6 CITY OF OTTAWA ON	EBR

EBR Registry No: 010-4785
Ministry Ref No: VAR 2008-000556
Notice Type: Instrument Decision
Notice Stage:
Notice Date: October 28, 2008
Proposal Date: September 26, 2008
Year: 2008
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (Liquid Fuels Handling Code) - Liquid Fuels Handling Code Section
Off Instrument Name:
Posted By:
Company Name: MacEwen Petroleum Inc
Site Address:
Location Other:
Proponent Name:
Proponent Address: 18 Adelaide Street, Post Office Box Delivery 100, Maxville Ontario, Canada K0C 1T0

Comment Period:
URL:

Site Location Details:

512-A Bank St, Ottawa, ON K2P 1Z6 CITY OF OTTAWA

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100 | ***13 of 33*** | ***ENE/207.3*** | ***78.2 / 6.36*** | ***MACEWEN PETROLEUM INC******
512A BANK ST
OTTAWA ON K2P 1Z6 | ***FSTH***

License Issue Date: 1/25/2002
Tank Status: Pending Renewal
Tank Status As Of: December 2008
Operation Type: Retail Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 1989
Corrosion Protection:
Capacity: 31820
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1988
Corrosion Protection:
Capacity: 22730
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1988
Corrosion Protection:
Capacity: 22730
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

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100 | ***14 of 33*** | ***ENE/207.3*** | ***78.2 / 6.36*** | ***MACEWEN PETROLEUM INC******
512A BANK ST
OTTAWA ON K2P 1Z6 | ***EXP***

Instance No: 10298983
Instance ID:
Instance Type: FS Facility
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 7/4/1992

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100 | ***15 of 33*** | ***ENE/207.3*** | ***78.2 / 6.36*** | ***MACEWEN PETROLEUM INC******
512A BANK ST
OTTAWA ON | ***EXP***

Instance No: 9656543
Instance ID: 392329
Instance Type: FS Facility
Description: FS Propane Refill Cntr - Cylr Fill
Status: EXPIRED

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					

100	16 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON K2P 1Z6	EXP

Instance No:	11607826
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	7/4/1992

100	17 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON	EXP

Instance No:	11607796
Instance ID:	93550
Instance Type:	FS Liquid Fuel Tank
Description:	FS Liquid Fuel Tank
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

100	18 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON	EXP

Instance No:	11607877
Instance ID:	93735
Instance Type:	FS Liquid Fuel Tank
Description:	FS Liquid Fuel Tank
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

100	19 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON	EXP

Instance No:	11607809
Instance ID:	93951
Instance Type:	FS Liquid Fuel Tank
Description:	FS Liquid Fuel Tank
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	

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

100	20 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON	EXP

Instance No:	11607839
Instance ID:	93854
Instance Type:	FS Piping
Description:	FS Piping
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

100	21 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON	EXP

Instance No:	11607884
Instance ID:	94252
Instance Type:	FS Piping
Description:	FS Piping
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

100	22 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON	EXP

Instance No:	10907867
Instance ID:	52813
Instance Type:	FS Propane Tank
Description:	FS Propane Tank
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

100	23 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON K2P 1Z6	FST

Instance No:	64492021
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active
Capacity:	35000
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Single Wall UST
Install Year:	1999
Parent Facility Type:	FS Gasoline Station - Self Serve

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Facility Type:		FS Liquid Fuel Tank			

100	24 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON K2P 1Z6	FST

Instance No:	62460487
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active
Capacity:	15000
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Double Wall UST
Install Year:	2008
Parent Facility Type:	FS Gasoline Station - Self Serve
Facility Type:	FS Liquid Fuel Tank

100	25 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON K2P 1Z6	FST

Instance No:	62460486
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active
Capacity:	15000
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Double Wall UST
Install Year:	2008
Parent Facility Type:	FS Gasoline Station - Self Serve
Facility Type:	FS Liquid Fuel Tank

100	26 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON K2P 1Z6	FST

Instance No:	11607851
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active
Capacity:	31800
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Single Wall UST
Install Year:	1989
Parent Facility Type:	FS Gasoline Station - Self Serve
Facility Type:	FS Liquid Fuel Tank

100	27 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON K2P 1Z6	FST

Instance No:	11607863
Cont Name:	

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

Instance Type: FS Liquid Fuel Tank
Fuel Type: Gasoline
Status: Active
Capacity: 22700
Tank Material: Fiberglass (FRP)
Corrosion Protection: Fiberglass
Tank Type: Single Wall UST
Install Year: 1989
Parent Facility Type: FS Gasoline Station - Self Serve
Facility Type: FS Liquid Fuel Tank

100	28 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC 512 BANK ST OTTAWA ON K2P1Z6	RST

Headcode: 01186800
Headcode Desc: SERVICE STATIONS GASOLINE OIL & NATURAL
Phone: 6132356102
List Name:
Description:

100	29 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON K2P 1Z6	EXP

Instance No: 11607809
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 7/4/1992

100	30 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON K2P 1Z6	EXP

Instance No: 11607826
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 7/4/1992

100	31 of 33	ENE/207.3	78.2 / 6.36	MACEWEN PETROLEUM INC*** 512A BANK ST OTTAWA ON K2P 1Z6	EXP

Instance No: 11607796
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:

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

Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 7/4/1992

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100 | **32 of 33** | **ENE/207.3** | **78.2 / 6.36** | **MACEWEN PETROLEUM INC*****
512A BANK ST
OTTAWA ON K2P 1Z6 | **EXP**

Instance No: 11607877
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Self Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 2/19/2010 2:09:05 PM

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100 | **33 of 33** | **ENE/207.3** | **78.2 / 6.36** | **MACEWEN PETROLEUM INC**
512 BANK ST
OTTAWA ON K2P1Z6 | **RST**

Headcode: 01186800
Headcode Desc: SERVICE STATIONS GASOLINE OIL & NATURAL GAS
Phone: 6132356102
List Name: INFO-DIRECT(TM) BUSINESS FILE
Description:

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101 | **1 of 1** | **SW/207.9** | **75.8 / 3.95** | **350 CATHERINE ST.**
OTTAWA ON | **WWIS**

Well ID: 7296639
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z258433
Tag: A211313
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: 10/5/2017
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 350 CATHERINE ST.
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1006759702
DP2BR:
Spatial Status:
Code OB:

Elevation: 68.49932
Elevrc:
Zone: 18
East83: 445481

Code OB Desc:		**North83:**	5028435
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	9/8/2017	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	cnrev
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006955542
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.5
Formation End Depth:	2.44
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006955541
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
Formation End Depth:	1.5
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006955543
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	2.44
Formation End Depth:	4.57
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID: 1006955553
Layer: 3
Plug From: 1.22
Plug To: 4.57
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006955552
Layer: 2
Plug From: 0.31
Plug To: 1.22
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006955551
Layer: 1
Plug From: 0
Plug To: 0.31
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006955550
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID: 1006955540
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006955546
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.5
Casing Diameter: 4.03
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006955547
Layer: 1
Slot: 10
Screen Top Depth: 1.5

Screen End Depth:	4.57
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1006955545
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006955544
Diameter:	8.3
Depth From:	0
Depth To:	4.57
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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102 **1 of 1** **N/208.7** **73.9 / 1.98** **ON** **WWIS**

Well ID:	7301137	**Data Entry Status:**	Yes
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	12/11/2017
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7543
Casing Material:		**Form Version:**	8
Audit No:	C39107	**Owner:**	
Tag:	A191626	**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006875861	**Elevation:**	69.521697
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445601
Code OB Desc:		**North83:**	5028797
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/6/2017	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			

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

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

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103 | **1 of 1** | **NE/209.4** | **75.1 / 3.18** | **17 Arlington St. Ottawa ON K2P 1C1** | **SPL**

Ref No:	6756-8N8MGW	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	11/2/2011	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Tank (Above Ground) Leak	**Sector Type:**	Other
Incident Event:		**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	FURNACE OIL	**Site Address:**	17 Arlington St.
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:	Other Impact(s)	**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:	11/2/2011	**Site Map Datum:**	
Dt Document Closed:	11/19/2011	**SAC Action Class:**	TSSA - Fuel Safety Branch
Incident Reason:	Spill	**Source Type:**	

Site Name: First Estate Realty Owned Property, Contact 613-878-2786<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TSSA, First Estate Realty: 3L Furnace Oil to Bsmt Floor
Contaminant Qty: 3 L

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104 | **1 of 1** | **E/211.0** | **77.8 / 5.95** | **ON** | **BORE**

Borehole ID:	847549	**Inclin FLG:**	No
OGF ID:	215589206	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	02-MAR-1962	**Municipality:**	
Static Water Level:	2.3	**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408858
Total Depth m:	15.2	**Longitude DD:**	-75.692231
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445831
Drill Method:	Diamond Drill	**Northing:**	5028604
Orig Ground Elev m:	69.4	**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:	6557933	**Mat Consistency:**	Stiff

Top Depth:	10.7	**Material Moisture:**	
Bottom Depth:	11.9	**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 SILTY STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557932	**Mat Consistency:**	Stiff
Top Depth:	8.1	**Material Moisture:**	
Bottom Depth:	10.7	**Material Texture:**	Medium
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 AND SILT GREY STIFF TO MEDIUM SOFT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557934	**Mat Consistency:**	Dense
Top Depth:	11.9	**Material Moisture:**	
Bottom Depth:	13.7	**Material Texture:**	Fine
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:	MEDIUM DENSE FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557931	**Mat Consistency:**	Stiff
Top Depth:	3.8	**Material Moisture:**	
Bottom Depth:	8.1	**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 SILTY STIFF SOME FISSURES **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557935	**Mat Consistency:**	Dense
Top Depth:	13.7	**Material Moisture:**	
Bottom Depth:	15.2	**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:	DENSE TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557930	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	3.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Brick
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Coal fragments	**Depositional Gen:**	

Gsc Material Description:
Stratum Description: FILL CLAY GRAVEL COAL SILT SAND AND BRICK **Note: Many records provided by the department have a truncated [Stratum Description] field.

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105 | 1 of 1 | WNW/212.5 | 76.9 / 5.04 | LYON & MCLEOD STREET Ottawa ON | WWIS

Well ID:	7270084	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	8/26/2016
Sec. Water Use:	Not Used	**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7260
Casing Material:		**Form Version:**	7
Audit No:	Z204236	**Owner:**	
Tag:	A172180	**Street Name:**	LYON & MCLEOD STREET
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/727\7270084.pdf

Bore Hole Information

Bore Hole ID:	1006226764	**Elevation:**	68.8591
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445465
Code OB Desc:		**North83:**	5028734
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	6/14/2016	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1006255239
Layer:	2
Plug From:	5
Plug To:	21.333
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006255240
Layer:	3

Plug From: 5
Plug To: 20.417
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006255238
Layer: 1
Plug From: 5
Plug To: 25
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006255241
Layer: 4
Plug From: 5
Plug To: 20.833
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1006255237
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006255229
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006255233
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006255234
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID:	1006255232
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006255231
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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106 ***1 of 1*** ***WNW/213.1*** ***76.9 / 5.00*** ***TAGGART CONSTRUCTION LIMITED*** ***EASR***
468 McLeod ST
Ottawa ON K1R 5P8

Approval No:	R-009-5111304828	***SWP Area Name:***	Rideau Valley
Status:	REGISTERED	***MOE District:***	Ottawa
Date:	2019-05-10	***Municipality:***	Ottawa
Record Type:	EASR	***Latitude:***	45.40944444
Link Source:	MOFA	***Longitude:***	-75.6975
Project Type:	Water Taking - Construction Dewatering	***Geometry X:***	
Full Address:		***Geometry Y:***	
Approval Type:	EASR-Water Taking - Construction Dewatering		
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2151594		

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107 ***1 of 1*** ***ENE/214.4*** ***79.6 / 7.73*** ***512 BANK STREET*** ***WWIS***
Ottawa ON

Well ID:	7122877	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	5/11/2009
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	1844
Casing Material:		***Form Version:***	5
Audit No:	M04549	***Owner:***	
Tag:	A074609	***Street Name:***	512 BANK STREET
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/712\7122877.pdf

Bore Hole Information

Bore Hole ID:	1002762256	***Elevation:***	67.148155

DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445819
Code OB Desc:		**North83:**	5028687
Open Hole:		**Org CS:**	UTM83
Cluster Kind:	This is a record from cluster log sheet	**UTMRC:**	3
Date Completed:	2/18/2009	**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:			

Annular Space/Abandonment Sealing Record

Plug ID:	1002762260
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1002762259
Method Construction Code:	
Method Construction:	
Other Method Construction:	DIRECT PUSH

Pipe Information

Pipe ID:	1002762261
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002762263
Layer:	
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	1.2
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002762262
Layer:	
Slot:	
Screen Top Depth:	1.2
Screen End Depth:	4.5
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1002762264
Pump Set At:	
Static Level:	3.9
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1002762258
Diameter:	20
Depth From:	
Depth To:	4.8
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Bore Hole Information

Bore Hole ID:	1002422695	***Elevation:***	67.069374
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	445825
Code OB Desc:		***North83:***	5028690
Open Hole:	No	***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	2/18/2009	***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:	1002762278
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	68
Mat3 Desc:	DRY
Formation Top Depth:	.6
Formation End Depth:	4.8

Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1002762277
Layer: 2
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 01
Mat2 Desc: FILL
Mat3: 09
Mat3 Desc: MEDIUM SAND
Formation Top Depth: .1
Formation End Depth: .6
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1002762276
Layer: 1
Color:
General Color:
Mat1: 27
Most Common Material: OTHER
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: .1
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002762280
Layer: 1
Plug From: 0
Plug To: 0.8
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1002762284
Method Construction Code: 9
Method Construction: Driving
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID: 1002762274
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1002762281
Layer: 1
Slot: 10
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 3.8

Results of Well Yield Testing

Pump Test ID: 1002762275
Pump Set At:
Static Level: 3.7
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM:
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002762279
Diameter: 20
Depth From: 0
Depth To: 4.8
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002762265
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 2/18/2009
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation: 66.972
Elevrc:
Zone: 18
East83: 445817
North83: 5028675
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002762269
Layer:

Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002762268
Method Construction Code:
Method Construction:
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID: 1002762270
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002762272
Layer:
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 1.2
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002762271
Layer:
Slot:
Screen Top Depth: 1.2
Screen End Depth: 4.5
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002762273
Pump Set At:
Static Level: 3.6
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID:	1002762267
Diameter:	20
Depth From:	
Depth To:	4.8
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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108 ***1 of 1*** ***N/214.7*** ***73.9 / 1.98*** ***R.W. Tomlinson Ltd.***
Kent Street at McLoed Street
Ottawa ON K1R5P6 ***GEN***

Generator No:	ON5792941	***PO Box No:***	
Status:	Registered	***Country:***	Canada
Approval Years:	As of Apr 2020	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:			
SIC Description:			

Detail(s)

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

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109 ***1 of 2*** ***E/217.9*** ***80.0 / 8.08*** ***Sonnett Realty (1986) Inc.***
534 Bank Street
Ottawa ON ***CA***

Certificate #:	7993-6GEPE3
Application Year:	2005
Issue Date:	10/7/2005
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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109 ***2 of 2*** ***E/217.9*** ***80.0 / 8.08*** ***Sonnett Realty (1986) Inc.***
534 Bank Street
Ottawa ON K2P 0A6 ***ECA***

Approval No:	7993-6GEPE3	***MOE District:***	Ottawa
Approval Date:	2005-10-07	***City:***	
Status:	Approved	***Longitude:***	-75.69221
Record Type:	ECA	***Latitude:***	45.409126
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		
Address:	534 Bank Street		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3235-6EPQZ4-14.pdf		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
110	1 of 1	NE/218.0	75.8 / 3.97	502 Bank Street Ottawa ON K2P 1Z4	SPL

Ref No:	8746-5UCSQ7	**Discharger Report:**	
Site No:		**Material Group:**	Oil
Incident Dt:	12/18/2003	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Other
Incident Event:		**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	FURNACE OIL	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	Eastern
Environment Impact:	Not Anticipated	**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:	Not Applicable	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	12/18/2003	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:		**Source Type:**	

Site Name: RESIDENTIAL BUILDING. M.C.R. SIGNS<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Residence: old leaking tank in basement
Contaminant Qty: 2 L

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
111	1 of 1	ENE/218.1	79.6 / 7.76	240 CATHEINE ST OTTAWA ON	WWIS

Well ID:	7048032	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	8/10/2007
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	3
Audit No:	Z74030	**Owner:**	
Tag:	A061570	**Street Name:**	240 CATHEINE 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/704\7048032.pdf

Bore Hole Information

Bore Hole ID:	23048032	**Elevation:**	67.756393
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445830
Code OB Desc:		**North83:**	5028650

Open Hole:
Cluster Kind:
Date Completed: 7/3/2007
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 30148032
Layer: 1
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0
Formation End Depth: .61
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 30248032
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 85
Mat2 Desc: SOFT
Mat3: 68
Mat3 Desc: DRY
Formation Top Depth: .61
Formation End Depth: 1.83
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 30548032
Layer: 5
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 4.27
Formation End Depth: 6.1
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID:	30348032
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.83
Formation End Depth:	3.35
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	30448032
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	3.35
Formation End Depth:	4.27
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	44003340
Layer:	3
Plug From:	2.74
Plug To:	6.1
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	44003341
Layer:	2
Plug From:	0.31
Plug To:	2.74
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	44003339
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Method of Construction & Well

Use

Method Construction ID:	25948032
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	

Pipe Information

Pipe ID:	29048032
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	42148032
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.1
Casing Diameter:	3.81
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	43148032
Layer:	1
Slot:	10
Screen Top Depth:	3.1
Screen End Depth:	6.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Hole Diameter

Hole ID:	46002324
Diameter:	8.89
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

112	*1 of 1*	*SSW/218.4*	*69.9 / -2.00*	***In front of 78 Cramberlaw Avenue Ottawa ON***	***WWIS***

Well ID:	7338540	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	7/29/2019
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	1844
Casing Material:		***Form Version:***	7
Audit No:	Z191677	***Owner:***	
Tag:	A242943	***Street Name:***	In front of 78 Cramberlaw Avenue
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	

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

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

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1007565767
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 5/9/2019
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 445578
North83: 5028375
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1008014616
Layer: 4
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3: 72
Mat3 Desc: GRAVELLY
Formation Top Depth: 1.22
Formation End Depth: 1.7
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1008014614
Layer: 2
Color:
General Color:
Mat1: 27
Most Common Material: OTHER
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: .1
Formation End Depth: .4
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID:	1008014619
Layer:	7
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	3.96
Formation End Depth:	6.71
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008014615
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	.4
Formation End Depth:	1.22
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008014613
Layer:	1
Color:	
General Color:	
Mat1:	27
Most Common Material:	OTHER
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	.1
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008014617
Layer:	5
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	01
Mat2 Desc:	FILL

Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	1.7
Formation End Depth:	2.5
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008014620
Layer:	8
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	17
Mat3 Desc:	SHALE
Formation Top Depth:	6.71
Formation End Depth:	7.47
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008014618
Layer:	6
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	84
Mat3 Desc:	SILTY
Formation Top Depth:	2.5
Formation End Depth:	3.96
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008015870
Layer:	2
Plug From:	0.15
Plug To:	4.85
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008015869
Layer:	1
Plug From:	4.85
Plug To:	5.45
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1008017187

Method Construction Code: B
Method Construction: Other Method
Other Method Construction: HSA

Pipe Information

Pipe ID: 1008013788
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1008017563
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: .1
Depth To: 5.97
Casing Diameter: 3.18
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1008018008
Layer: 1
Slot: 10
Screen Top Depth: 5.97
Screen End Depth: 7.47
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 3.88

Results of Well Yield Testing

Pump Test ID: 1008018527
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Water Details

Water ID: 1008018286
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth:
Water Found Depth UOM:

Hole Diameter

Hole ID:	1008016641
Diameter:	20.3
Depth From:	0
Depth To:	7.47
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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113 ***1 of 1*** ***SSW/221.9*** ***71.3 / -0.58*** ***ON*** ***BORE***

Borehole ID:	847509	***Inclin FLG:***	No
OGF ID:	215589166	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	18-AUG-1961	***Municipality:***	
Static Water Level:		***Lot:***	LOT G
Primary Water Use:		***Township:***	NEPEAN
Sec. Water Use:		***Latitude DD:***	45.406855
Total Depth m:	3	***Longitude DD:***	-75.695977
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	445536
Drill Method:	Power auger	***Northing:***	5028384
Orig Ground Elev m:	68.1	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	72.3		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557784	***Mat Consistency:***	
Top Depth:	.8	***Material Moisture:***	
Bottom Depth:	3	***Material Texture:***	Fine
Material Color:		***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:	SITLY FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557783	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.8	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	Fill-Misc
Material 1:	Fill	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Cinders	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	FILL SAND AND CINDERS PIECE OF STEEL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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114 ***1 of 1*** ***SW/222.4*** ***75.8 / 3.95*** ***350 CATHERINE ST Ottawa ON*** ***WWIS***

Well ID:	7313091	***Data Entry Status:***	

Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	6/19/2018
Sec. Water Use:	Monitoring	**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z212318	**Owner:**	
Tag:	A182496	**Street Name:**	350 CATHERINE ST
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1007115215	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445475
Code OB Desc:		**North83:**	5028421
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	3/23/2018	**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:	1007372437
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	77
Mat2 Desc:	LOOSE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1.5
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007372438
Layer:	2
Color:	2

General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.5
Formation End Depth:	3.1
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007372439
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	3.1
Formation End Depth:	5.49
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007372448
Layer:	2
Plug From:	0.31
Plug To:	2.13
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007372447
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007372449
Layer:	3
Plug From:	2.13
Plug To:	5.49
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1007372446
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1007372436
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007372442
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.44
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1007372443
Layer:	1
Slot:	10
Screen Top Depth:	2.44
Screen End Depth:	5.49
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1007372441
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007372440
Diameter:	8.25
Depth From:	0
Depth To:	5.49
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

115 ***1 of 1*** ***WNW/222.7*** ***76.9 / 5.00*** ***PRITCHARD ANDREWS***
461 MCCLEOD
OTTAWA ON K1R 5N8 ***GEN***

Generator No:	ON0770200	***PO Box No:***	
Status:		***Country:***	
Approval Years:	86,87,88,89,90,92,93,94	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	0000		
SIC Description:	*** NOT DEFINED ***		

116	1 of 1	SSE/223.1	68.8 / -3.08	CENTRAL PARK, NEAR LION ST. + CHAMBERLAIN AVE. OTTAWA ON	WWIS

Well ID:	7267674	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	7/25/2016
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	1844
Casing Material:		**Form Version:**	7
Audit No:	Z227948	**Owner:**	
Tag:	A183803	**Street Name:**	CENTRAL PARK, NEAR LION ST. + CHAMBERLAIN 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/726\7267674.pdf

Bore Hole Information

Bore Hole ID:	1006171911	**Elevation:**	66.228027
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445662
Code OB Desc:		**North83:**	5028370
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	12/15/2015	**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:	1006179170
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	.3
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006179171
Layer:	2
Color:	
General Color:	
Mat1:	04
Most Common Material:	PEAT
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	.3
Formation End Depth:	3.05
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006179178
Layer:	1
Plug From:	0
Plug To:	1.22
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006179177
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1006179169
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006179174
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.52
Casing Diameter:	3.18
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006179175
Layer:	1
Slot:	10
Screen Top Depth:	1.52
Screen End Depth:	3.05

Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	3.89

Water Details

Water ID:	1006179173
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	0.53
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006179172
Diameter:	8.84
Depth From:	1
Depth To:	3.05
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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117 | ***1 of 1*** | ***SW/223.1*** | ***75.3 / 3.39*** | ***350 CATHERINE ST. OTTAWA ON*** | ***WWIS***

Well ID:	7296640	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	10/5/2017
Sec. Water Use:	Monitoring	**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z258432	**Owner:**	
Tag:	A211319	**Street Name:**	350 CATHERINE 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):

Bore Hole Information

Bore Hole ID:	1006759705	**Elevation:**	70.309478
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445489
Code OB Desc:		**North83:**	5028409
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	9/8/2017	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	cnrev
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock Materials Interval

Formation ID: 1006955556
Layer: 2
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 28
Mat2 Desc: SAND
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 2.44
Formation End Depth: 4.57
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006955555
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
Formation End Depth: 2.44
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006955565
Layer: 2
Plug From: 0.31
Plug To: 1.22
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006955566
Layer: 3
Plug From: 1.22
Plug To: 4.57
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006955564
Layer: 1

Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006955563
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	DIRECT PUSH

Pipe Information

Pipe ID:	1006955554
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006955559
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.5
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006955560
Layer:	1
Slot:	10
Screen Top Depth:	1.5
Screen End Depth:	4.57
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1006955558
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006955557
Diameter:	8.25
Depth From:	0
Depth To:	4.57
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
118	1 of 1	E/224.7	80.0 / 8.08	ON	BORE

Borehole ID:	847548	**Inclin FLG:**	No
OGF ID:	215589205	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	01-MAR-1962	**Municipality:**	
Static Water Level:	6.4	**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408931
Total Depth m:	18	**Longitude DD:**	-75.692066
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445844
Drill Method:	Diamond Drill	**Northing:**	5028612
Orig Ground Elev m:	69.6	**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:	6557929	**Mat Consistency:**	
Top Depth:	16.2	**Material Moisture:**	
Bottom Depth:	18	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SHALEY LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557922	**Mat Consistency:**	Stiff
Top Depth:	9	**Material Moisture:**	
Bottom Depth:	10.2	**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 SITFF WITH SOME FISSRUES **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557923	**Mat Consistency:**	Stiff
Top Depth:	10.2	**Material Moisture:**	
Bottom Depth:	11.7	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAYEY SILT GREY WITH SOME SAND, STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557926	**Mat Consistency:**	Loose
Top Depth:	13.6	**Material Moisture:**	

Bottom Depth:	14	**Material Texture:**	
Material Color:		**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:	LOOSE SANDY SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557928	**Mat Consistency:**	Dense
Top Depth:	14.6	**Material Moisture:**	
Bottom Depth:	16.2	**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:	DENSE TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557925	**Mat Consistency:**	Stiff
Top Depth:	13.4	**Material Moisture:**	
Bottom Depth:	13.6	**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:	STIFF SILTY GREY CLAY WITH SILT LAYERS **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557927	**Mat Consistency:**	Very Loose
Top Depth:	14	**Material Moisture:**	
Bottom Depth:	14.6	**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:	VERY LOSSE SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557921	**Mat Consistency:**	Stiff
Top Depth:	4.1	**Material Moisture:**	
Bottom Depth:	9	**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 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557920	**Mat Consistency:**	Hard
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:	4.1	**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 HARD TO STIFF HIGH PLASTICITY **Note: Many records provided by the		

department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557924	**Mat Consistency:**	Stiff
Top Depth:	11.7	**Material Moisture:**	
Bottom Depth:	13.4	**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 WITH SOME FISSURES **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6557919	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Fine Sand	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	organic material	**Depositional Gen:**	

Gsc Material Description:
Stratum Description: FILL FINE SAND SILT ORGANIC MATERIAL AND GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.

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119 | **1 of 4** | **NW/224.9** | **76.7 / 4.80** | **PRINT ACTION LIMITED**
486 GLADSTONE AVE
OTTAWA ON K1R 5N8 | **SCT**

Established: 1980
Plant Size (ft²): 13000
Employment: 10

--Details--
Description: BOOK PRINTING
SIC/NAICS Code: 2732

Description: COMMERCIAL PRINTING, LITHOGRAPHIC
SIC/NAICS Code: 2752

Description: COMMERCIAL PRINTING, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 2759

Description: Quick Printing
SIC/NAICS Code: 323114

Description: Digital Printing
SIC/NAICS Code: 323115

Description: Other Printing
SIC/NAICS Code: 323119

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119 | **2 of 4** | **NW/224.9** | **76.7 / 4.80** | **PRINT ACTION LTD. 31-827**
486 GLADSTONE AVE.
OTTAWA ON K1R 5N8 | **GEN**

Generator No:	ON1726000	**PO Box No:**	
Status:		**Country:**	
Approval Years:	93,94,95,96,97,98	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	

SIC Code: 2819
SIC Description: OTHER COMM. PRINTING

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

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119 | ***3 of 4*** | ***NW/224.9*** | ***76.7 / 4.80*** | ***PRINT ACTION LIMITED*** ***486 GLADSTONE AVENUE*** ***OTTAWA ON K1R 5N8*** | ***GEN***

Generator No: ON1726000
Status:
Approval Years: 99,00,01,02,03,04
Contam. Facility:
MHSW Facility:
SIC Code: 2819
SIC Description: OTHER COMM. PRINTING
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

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119 | ***4 of 4*** | ***NW/224.9*** | ***76.7 / 4.80*** | ***Dwell by Domicile Inc.*** ***486 GLADSTONE AVE, OTTAWA, ON, K1R 5N8*** ***Ottawa ON K1R 5N8*** | ***RSC***

RSC ID: 2304
RA No:
RSC Type:
Curr Property Use: Commercial
Ministry District: OTTAWA
Filing Date: 29-Sep-05
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686: No
Cert Date: 29-Nov-04
Cert Prop Use No: No CPU
Intended Prop Use: Residential
Qual Person Name: Mr. Rick Morris
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N): Yes
Accuracy Estimate: 6 to 10 meters
Telephone: 613-7280388x224
Fax: 613-7280046
Email: rick@domicile.on.ca
Asmt Roll No: 042-201-04400-0000
Prop ID No (PIN): 04120-0403 LT
Property Municipal Address: 486 GLADSTONE AVE, OTTAWA, ON, K1R 5N8
Mailing Address: Suite 1, 371A RICHMOND RD, OTTAWA, ON, K2A 0E7
Latitude & Latitude: 45.41044790N 75.69719660W (converted from UTM)
UTM Coordinates: NAD83 18-445444-5028784
Consultant:
Legal Desc: Part of Lot 25, PLan 30, North McLeod Street; Part Lot 26, Plan30, South Gladstone Avenue; Lots 26 and 27 Plan 30, North McLeod Street, all as in N573878 except Part 1 Plan 5R 7058; Ottawa
Measurement Method: Global Positioning System
Applicable Standards: Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use
RSC PDF:

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120 | ***1 of 1*** | ***WNW/226.0*** | ***76.9 / 5.07*** | ***City of Ottawa*** ***Lyon Street and McLeod Street*** ***Ottawa ON K2G 6J8*** | ***ECA***

Approval No:	6812-A6KQFY	**MOE District:**	
Approval Date:	2016-02-23	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	
SWP Area Name:		**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Lyon Street and McLeod Street		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1790-A54MGL-14.pdf		

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121 | **1 of 1** | **NNW/226.5** | **74.4 / 2.55** | **429 MCLEOD ST , OTTAWA ON** | **PINC**

Incident ID:		**Health Impact:**	
Incident No:	1298880	**Environment Impact:**	
Type:	FS-Pipeline Incident	**Property Damage:**	Yes
Status Code:	Pipeline Damage Reason Est	**Service Interupt:**	
Fuel Occurrence Tp:		**Enforce Policy:**	Yes
Fuel Type:		**Public Relation:**	
Tank Status:	RC Established	**Pipeline System:**	
Task No:	4740401	**Depth:**	
Spills Action Centre:		**Pipe Material:**	
Method Details:	E-mail	**PSIG:**	
Fuel Category:	Natural Gas	**Attribute Category:**	FS-Perform P-line Inc Invest
Date of Occurrence:		**Regulator Location:**	
Occurrence Start Date:	2013/12/10		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	429 MCLEOD ST , OTTAWA - 1 1/4" PIPELINE HIT		
Reported By:	DAN GAUTHIER - ENBRIDGE GAS		
Affiliation:			
Occurrence Desc:			
Damage Reason:	Excavation practices not sufficient		
Notes:			

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122 | **1 of 1** | **NE/227.3** | **75.8 / 3.97** | **510 BANKL ST OTTAWA ON** | **WWIS**

Well ID:	1536050	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	11/30/2005
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	1844
Casing Material:		**Form Version:**	3
Audit No:	Z31608	**Owner:**	
Tag:	A029529	**Street Name:**	510 BANKL 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/153\1536050.pdf

Bore Hole Information

Bore Hole ID:	11316589	***Elevation:***	68.810165
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	445776
Code OB Desc:	Overburden	***North83:***	5028755
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	6/28/2005	***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:	932997886
Layer:	1
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	.2
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	932997889
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.4
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	932997888
Layer:	3
Color:	6

General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	08
Mat2 Desc:	FINE SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.5
Formation End Depth:	2.4
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	932997887
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	.2
Formation End Depth:	1.5
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933282076
Layer:	1
Plug From:	0.7
Plug To:	1
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	961536050
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	

Pipe Information

Pipe ID:	11331444
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930856130
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	.7
Depth To:	1
Casing Diameter:	50
Casing Diameter UOM:	cm

Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933415723
Layer: 1
Slot: 10
Screen Top Depth: 1
Screen End Depth: 4.57
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 58

Hole Diameter

Hole ID: 11534224
Diameter: 20
Depth From: 0
Depth To: 4.57
Hole Depth UOM: m
Hole Diameter UOM: cm

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123 | **1 of 1** | **SW/229.7** | **73.9 / 2.00** | **ON** | **BORE**

Borehole ID: 847478
OGF ID: 215589136
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 16-AUG-1961
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 3.2
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Power auger
Orig Ground Elev m: 68.3
Elev Reliabil Note:
DEM Ground Elev m: 72.5
Concession: BROKEN FRONT C
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: LOT F
Township: NEPEAN
Latitude DD: 45.406907
Longitude DD: -75.696361
UTM Zone: 18
Easting: 445506
Northing: 5028390
Location Accuracy:
Accuracy: Within 10 metres

Borehole Geology Stratum

Geology Stratum ID: 6557678
Top Depth: 0
Bottom Depth: .9
Material Color:
Material 1: Fill
Material 2: Fine Sand
Material 3: Clay
Material 4: Cinders
Gsc Material Description:
Stratum Description: FILL FINE SAND WITH A FEW CLAY POCKETS AND A FEW 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: 6557681
Mat Consistency:

Top Depth:	2.6	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Wood Fragments	**Geologic Formation:**	
Material 2:	Organic	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	OLD LUMBER, ORGANIC AND SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557679	**Mat Consistency:**	
Top Depth:	.9	**Material Moisture:**	
Bottom Depth:	1.8	**Material Texture:**	Fine
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:	FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557682	**Mat Consistency:**	
Top Depth:	2.7	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Boulders	**Geologic Formation:**	
Material 2:	Fine Sand	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BOULDERS IN SILTY FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557680	**Mat Consistency:**	
Top Depth:	1.8	**Material Moisture:**	
Bottom Depth:	2.6	**Material Texture:**	Fine
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	organic material	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FINE SAND WITH LARGE POCKETS OF ORGANIC MATERIAL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557683	**Mat Consistency:**	
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	3.2	**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:	SILTY GREY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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124 | ***1 of 1*** | ***SSW/229.8*** | ***70.7 / -1.21*** | ***ON*** | ***BORE***

Borehole ID:	847508	**Inclin FLG:**	No
OGF ID:	215589165	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	

Completion Date:	21-AUG-1961	**Municipality:**	
Static Water Level:		**Lot:**	LOT G
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.406713
Total Depth m:	3.4	**Longitude DD:**	-75.695694
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445558
Drill Method:	Power auger	**Northing:**	5028368
Orig Ground Elev m:	66.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	69.2		
Concession:	BROKEN FRONT C		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6557780	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Brick
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Wood Fragments	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Organic	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FILL ASHES WOOD SAND BRICK ORGANIC **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557781	**Mat Consistency:**	
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	Fine
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	organic material	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FINE SAND WITH ORGANIC MATERIAL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557782	**Mat Consistency:**	
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	3.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Fine Sand	**Geologic Group:**	
Material 3:	Boulders	**Geologic Period:**	
Material 4:	Rock	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT AND FINE SAND BOULDER OR ROCK **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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125 | ***1 of 1*** | ***E/230.8*** | ***77.5 / 5.64*** | ***ON*** | ***BORE***

Borehole ID:	613182	**Inclin FLG:**	No
OGF ID:	215514485	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	1900	**Municipality:**	
Static Water Level:		**Lot:**	

Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.408573
Total Depth m:	-999	**Longitude DD:**	-75.691976
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445851
Drill Method:		**Northing:**	5028572
Orig Ground Elev m:	69.3	**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:	218394050	**Mat Consistency:**	Firm
Top Depth:	9.1	**Material Moisture:**	
Bottom Depth:	9.9	**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,FIRM.		

Geology Stratum ID:	218394052	**Mat Consistency:**	
Top Depth:	13.7	**Material Moisture:**	
Bottom Depth:	15.2	**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:	218394053	**Mat Consistency:**	Dense
Top Depth:	15.2	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Red	**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. URED. SILT. DENSE. UNSPECIFIED. VERY DENSE. BEDROCK. 00010 016 00100 075 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218394046	**Mat Consistency:**	
Top Depth:	.7	**Material Moisture:**	
Bottom Depth:	1.6	**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:	218394047	**Mat Consistency:**	Firm
Top Depth:	1.6	**Material Moisture:**	
Bottom Depth:	2	**Material Texture:**	
Material Color:		**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. FIRM.		

Geology Stratum ID:	218394051	**Mat Consistency:**	
Top Depth:	9.9	**Material Moisture:**	
Bottom Depth:	13.7	**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:	218394045	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.7	**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:	218394048	**Mat Consistency:**	Soft
Top Depth:	2	**Material Moisture:**	
Bottom Depth:	2.3	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Boulders	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. GREY,SOFT.		

Geology Stratum ID:	218394049	**Mat Consistency:**	Firm
Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	9.1	**Material Texture:**	
Material Color:	Brown	**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. BROWN,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: 056900 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		

126 **1 of 1** **SW/232.6** **75.2 / 3.36** **ON** **BORE**

Borehole ID:	847560	**Inclin FLG:**	No
OGF ID:	215589217	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	13-NOV-1961	**Municipality:**	
Static Water Level:	2.6	**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.406942
Total Depth m:	5.7	**Longitude DD:**	-75.696514
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445494
Drill Method:	Diamond Drill	**Northing:**	5028394
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:	6557978	**Mat Consistency:**	Loose
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.3	**Material Texture:**	
Material Color:	Dark	**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Cinders	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LOOSE DARK BROWN CINDER AND SAND FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557979	**Mat Consistency:**	Loose
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	4.2	**Material Texture:**	Fine
Material Color:	Grey-Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:	Organic	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LOOSE GREY-BROWN TO GREY SILTY FINE SAND TRACE OF CLAY AND ORGANIC MATTER WITH DEPTH **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557980	**Mat Consistency:**	Compact
Top Depth:	4.2	**Material Moisture:**	
Bottom Depth:	5.7	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	

Material 4:	Clay	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	COMPACT GREY SILTY SAND WITH GRAVEL TRACE OF CLAY THEN REFUSAL BOULDER OR BEDROCK **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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127 | **1 of 1** | **WNW/232.7** | **76.8 / 4.89** | **482 MCLEOD ST., OTTTAWA ON** | **PINC**

Incident ID:		**Health Impact:**	
Incident No:	1247862	**Environment Impact:**	
Type:	FS-Pipeline Incident	**Property Damage:**	Yes
Status Code:	Pipeline Damage Reason Est	**Service Interupt:**	
Fuel Occurrence Tp:		**Enforce Policy:**	Yes
Fuel Type:		**Public Relation:**	
Tank Status:	RC Established	**Pipeline System:**	
Task No:	4652465	**Depth:**	
Spills Action Centre:		**Pipe Material:**	
Method Details:	E-mail	**PSIG:**	
Fuel Category:	Natural Gas	**Attribute Category:**	FS-Perform P-line Inc Invest
Date of Occurrence:		**Regulator Location:**	
Occurrence Start Date:	2013/09/17		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	482 MCLEOD ST., OTTTAWA - PIPELINE HIT 1 1/4"		
Reported By:	Jeff.Stiles@enbridge.com		
Affiliation:			
Occurrence Desc:			
Damage Reason:	Facility was not located or marked		
Notes:			

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128 | **1 of 1** | **SE/233.9** | **69.9 / -2.00** | **47 ROSEBERY AVE, OTTAWA ON** | **INC**

Incident No:	1805372	**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:	2016/02/10 00:00:00	**Indus App. Type:**	
Time of Occurrence:	10:56:00	**Institut App. Type:**	
Incident Created On:		**Venting Type:**	
Instance Creation Dt:		**Vent Conn Mater:**	
Instance Install Dt:		**Vent Chimney Mater:**	
Occur Insp Start Date:	2016/02/11 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:	6047731	**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: 47 ROSEBERY AVE, OTTAWA - CO RELEASE
Occurence Narrative: Carbon Monoxide release from natural draft gas boiler.
Operation Type Involved: Private Dwelling
Item:
Item Description:
Device Installed Location:

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129 | **1 of 1** | **SE/235.1** | **69.9 / -2.00** | **ESSO PETROLEUM CANADA**
45 ROSEBERG TANK TRUCK (CARGO)
OTTAWA CITY ON | **SPL**

Ref No: 35195
Site No:
Incident Dt: 1/18/1990
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:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 1/18/1990
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: BACKENTRY-ESSO -2 L. FURNACE OIL TO GROUND DURING HOME DELIVERY.
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:

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130 | **1 of 2** | **N/236.0** | **73.9 / 1.98** | **CHSS International Investment & Management Ltd.**
423-425 McLeod Street Ottawa, ON K2P 1A5
Canada
ON | **EBR**

EBR Registry No: 013-5318
Ministry Ref No: 7382-BAPM3A
Notice Type: Instrument
Notice Stage: Decision
Notice Date:
Proposal Date: June 19, 2019
Year: 2019
Instrument Type: Environmental Compliance Approval (sewage)
Off Instrument Name: Environmental Compliance Approval (sewage) (OWRA s.53)
Posted By: Ministry of the Environment, Conservation and Parks
Company Name:
Site Address: 423-425 McLeod Street
Ottawa,
ON
K2P 1A5
Canada
Location Other:
Proponent Name: CHSS International Investment & Management Ltd.

Decision Posted: March 2, 2020
Exception Posted:
Section: Part II.1 (20.3 or 20.5)
Act 1: Environmental Protection Act, R.S.O. 1990
Act 2: Environmental Protection Act
Site Location Map: 45.410755,-75.695149

Proponent Address: 904 Mooney Avenue
Ottawa,
ON
K2A 3A1
Canada
Comment Period: June 19, 2019 - August 3, 2019 (45 days) Closed
URL: https://ero.ontario.ca/notice/013-5318

Site Location Details:

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130 **2 of 2** **N/236.0** **73.9 / 1.98** **CHSS International Investment & Management Ltd.**
423-425 McLeod Street 443-447 Kent Street
Ottawa ON K2A 3A1 **ECA**

Approval No: 0029-BLYPMZ
Approval Date: 2020-02-25
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
Address: 423-425 McLeod Street 443-447 Kent Street
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7382-BAPM3A-14.pdf
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

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131 **1 of 2** **ENE/237.3** **79.9 / 8.00** **OTTAWA-CARLETON TRANSPORT**
BANK ST, NORTHBOUND AT CORNER OF CATHERINE ST
OTTAWA CITY ON **SPL**

Ref No: 222666
Site No:
Incident Dt: 3/6/2002
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: Soil contamination
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/6/2002
Dt Document Closed:
Incident Reason: MATERIAL FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC TRANSPO: BUS LEAKED TRANSMISSION OIL TO ASPH-ALT. CLEANED.
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:

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131 **2 of 2** **ENE/237.3** **79.9 / 8.00** **INTERSECTION OF BANK STREET &** **HINC**

CATHERINE STREET
OTTAWA ON

External File Num:	FS INC 0612-04500
Fuel Occurrence Type:	Discovery of a Petroleum Product
Date of Occurrence:	12/12/2006
Fuel Type Involved:	Gasoline
Status Desc:	Completed - No Action Required
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Other-Specify
Service Interruptions:	No
Property Damage:	No
Fuel Life Cycle Stage:	Other-specify
Root Cause:	
Reported Details:	Bell Canada technician reports evidence of a hydrocarbon odour emanating from a Bell manhole.
Fuel Category:	Unknown
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Ottawa
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

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132 **1 of 1** **E/237.5** **80.0 / 8.08** **BORE**

ON

Borehole ID:	847542	**Inclin FLG:**	No
OGF ID:	215589199	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	10-MAY-1961	**Municipality:**	
Static Water Level:	5.4	**Lot:**	LOT F
Primary Water Use:		**Township:**	NEPEAN
Sec. Water Use:		**Latitude DD:**	45.408698
Total Depth m:	19.7	**Longitude DD:**	-75.691884
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445858
Drill Method:	Diamond Drill	**Northing:**	5028586
Orig Ground Elev m:	69.3	**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:	6557881	**Mat Consistency:**	Soft
Top Depth:	10.2	**Material Moisture:**	
Bottom Depth:	12.5	**Material Texture:**	Medium
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY WITH SOME SILT AND A LITTLE SAND GREY STIFF WITH A MEDIUM SOFT LAYER MEDIUM TO LOW PLASTICITY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557878	**Mat Consistency:**	Hard
Top Depth:	1.8	**Material Moisture:**	
Bottom Depth:	3.4	**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:	CLAYEY SILT BROWNISH GREY FISSURED HARD HIGH PLASTICITY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557879	**Mat Consistency:**	Stiff
Top Depth:	3.4	**Material Moisture:**	
Bottom Depth:	6.1	**Material Texture:**	Medium
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 WITH A LITTLE SILT GREY FISSURED STIFF WITH A MEDIUM SOFT LAYER HIGH PLASTICITY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557882	**Mat Consistency:**	Loose
Top Depth:	12.5	**Material Moisture:**	
Bottom Depth:	13.7	**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:	LOOSE TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557876	**Mat Consistency:**	Loose
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.2	**Material Texture:**	Fine
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	organic material	**Geologic Period:**	
Material 4:	Fill	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FINE SAND WITH A LITTLE SILT AND A TRACE OF ORGANIC MATERIAL LOOSE (FILL) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557877	**Mat Consistency:**	Loose
Top Depth:	1.2	**Material Moisture:**	
Bottom Depth:	1.8	**Material Texture:**	Fine
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILTY FINE SAND WITH A LITTLE GRAVEL LOOSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6557883	**Mat Consistency:**	Dense
Top Depth:	13.7	**Material Moisture:**	
Bottom Depth:	16.2	**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: DENSE SANDY TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 6557884
Top Depth: 16.2
Bottom Depth: 18
Material Color:
Material 1: Limestone
Material 2: Shale
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SHALEY LIMESTONE **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: 6557880
Top Depth: 6.1
Bottom Depth: 10.2
Material Color: Grey
Material 1: Clay
Material 2: Silt
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY WITH SOME SILT GREY STIFF WITH A VERY STIFF LAYER HIGH PLASTICITY **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

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133 **1 of 2** **ESE/238.9** **74.9 / 3.00** **Your Credit Union Limited**
14 Chamberlain Avenue
Ottawa ON K1S 1V9 **CA**

Certificate #: 3899-65ZJV5
Application Year: 2004
Issue Date: 11/3/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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133 **2 of 2** **ESE/238.9** **74.9 / 3.00** **Your Credit Union Limited**
14 Chamberlain Avenue
Ottawa ON K1S 1V9 **ECA**

Approval No: 3899-65ZJV5
Approval Date: 2004-11-03
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
MOE District: Ottawa
City:
Longitude: -75.69253499999999
Latitude: 45.407833
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: 14 Chamberlain Avenue
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4435-655HUY-14.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
134	1 of 2	WSW/245.8	77.9 / 6.05	OTTAWA CITY - FLORENCE ST. BAY ST./CATHERINE ST. OTTAWA CITY ON	CA

Certificate #: 3-0395-92-
Application Year: 92
Issue Date: 4/24/1992
Approval Type: Municipal sewage
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
134	2 of 2	WSW/245.8	77.9 / 6.05	R.M. OF OTTAWA-CARLETON - FLORENCE ST. BAY ST./CATHERINE ST. OTTAWA CITY ON	CA

Certificate #: 7-0343-92-
Application Year: 92
Issue Date: 4/23/1992
Approval Type: Municipal water
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
135	1 of 1	S/246.0	68.7 / -3.20	78180 CHAMBERLAIN AVENUE Ottawa ON	WWIS

Well ID: 7253250
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: Z215182
Tag: A175703
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 12/1/2015
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 78180 CHAMBERLAIN AVENUE
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1005826882	***Elevation:***	67.500022
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	445591
Code OB Desc:		***North83:***	5028345
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	10/29/2015	***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:	1005847632
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	35
Mat3 Desc:	WOOD FRAGMENTS
Formation Top Depth:	3.66
Formation End Depth:	5.79
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005847630
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0
Formation End Depth:	.31
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005847631
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND

Mat2: 35
Mat2 Desc: WOOD FRAGMENTS
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: .31
Formation End Depth: 3.66
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005847640
Layer: 1
Plug From: 0
Plug To: 0.31
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005847641
Layer: 2
Plug From: 0.31
Plug To: 3.96
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005847642
Layer: 3
Plug From: 3.96
Plug To: 5.79
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005847639
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1005847629
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005847635
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 4.27
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID:	1005847636
Layer:	1
Slot:	10
Screen Top Depth:	4.27
Screen End Depth:	5.79
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03

Water Details

Water ID:	1005847634
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1005847633
Diameter:	11.43
Depth From:	0
Depth To:	5.79
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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136 ***1 of 2*** ***NE/246.9*** ***77.1 / 5.19*** ***510 Bank Street Ottawa ON K2P 1Z4*** ***EHS***

Order No:	20050524014	***Nearest Intersection:***	Bank Street and Arlington Avenue
Status:	C	***Municipality:***	
Report Type:		***Client Prov/State:***	ON
Report Date:	6/1/2005	***Search Radius (km):***	0.25
Date Received:	5/24/2005	***X:***	-75.692659
Previous Site Name:		***Y:***	45.410288
Lot/Building Size:			
Additional Info Ordered:			

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136 ***2 of 2*** ***NE/246.9*** ***77.1 / 5.19*** ***LJ RIOPELLE 510 BANK ST OTTAWA ON K2P 1Z4*** ***GEN***

Generator No:	ON4841105	***PO Box No:***	
Status:		***Country:***	
Approval Years:	05	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	551113		
SIC Description:	Holding Companies		

Detail(s)

Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
137	1 of 1	SW/248.7	76.9 / 5.00	360 CATHERINE ST Ottawa ON	WWIS

Well ID:	7313089	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	6/19/2018
Sec. Water Use:	Monitoring	**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z212316	**Owner:**	
Tag:	A182598	**Street Name:**	360 CATHERINE ST
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1007115120	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445458
Code OB Desc:		**North83:**	5028401
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	3/23/2018	**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:	1007372410
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	84
Mat2 Desc:	SILTY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.5
Formation End Depth:	3.66
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1007372411
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	84
Mat2 Desc:	SILTY
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	3.66
Formation End Depth:	4.88
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007372409
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0
Formation End Depth:	1.5
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007372420
Layer:	2
Plug From:	0.31
Plug To:	1.5
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007372419
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007372421
Layer:	3
Plug From:	1.5
Plug To:	4.88
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID: 1007372418
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1007372408
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007372414
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.83
Casing Diameter: 4.03
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1007372415
Layer: 1
Slot: 10
Screen Top Depth: 0.183
Screen End Depth: 4.88
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.82

Water Details

Water ID: 1007372413
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1007372412
Diameter: 8.25
Depth From: 0
Depth To: 4.88
Hole Depth UOM: m
Hole Diameter UOM: cm

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138 ***1 of 1*** ***S/248.9*** ***68.8 / -3.08*** ***ON*** ***BORE***

Borehole ID: 613149
OGF ID: 215514453
Status:
Inclin FLG: No
SP Status: Initial Entry
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:***	45.406487
Total Depth m:	-999	***Longitude DD:***	-75.694507
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	445651
Drill Method:		***Northing:***	5028342
Orig Ground Elev m:	68.6	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	67		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218393911	***Mat Consistency:***	Dense
Top Depth:	3	***Material Moisture:***	
Bottom Depth:		***Material Texture:***	
Material Color:	Black	***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. RM. TILL. FIRM. BEDROCK. 0025016CK,VERY HARD. BEDROCK. BLACK. LT. DENSE.		

Geology Stratum ID:	218393910	***Mat Consistency:***	
Top Depth:	.9	***Material Moisture:***	
Bottom Depth:	3	***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.		

Geology Stratum ID:	218393909	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.9	***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.		

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: 056570 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		

139 ***1 of 3*** ***NNE/249.4*** ***73.9 / 2.00*** ***400 McLeod Street Ottawa ON K2P 1A6*** ***RSC***

RSC ID:		***Cert Date:***	
RA No:		***Cert Prop Use No:***	
RSC Type:		***Intended Prop Use:***	
Curr Property Use:		***Qual Person Name:***	
Ministry District:	Ottawa	***Stratified (Y/N):***	N
Filing Date:	07/27/01	***Audit (Y/N):***	
Date Ack:	08/03/01	***Entire Leg Prop. (Y/N):***	
Date Returned:		***Accuracy Estimate:***	
Restoration Type:	Generic	***Telephone:***	
Soil Type:	Coarse	***Fax:***	
Criteria:	Ind/Comm + Nonpotable	***Email:***	
CPU Issued Sect 1686:			
Asmt Roll No:			
Prop ID No (PIN):			
Property Municipal Address:			
Mailing Address:			
Latitude & Latitude:			
UTM Coordinates:			
Consultant:	J.D. Paterson & Associates Ltd.		
Legal Desc:			
Measurement Method:			
Applicable Standards:			
RSC PDF:			

139 ***2 of 3*** ***NNE/249.4*** ***73.9 / 2.00*** ***400 McLeod Street Ottawa ON K2P 1A6*** ***CA***

Certificate #:	3761-4UMTZX
Application Year:	01
Issue Date:	4/20/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Domicile Holdings (2000) Inc.
Client Address:	371A Richmond Road
Client City:	Ottawa
Client Postal Code:	K2A 0E7
Project Description:	This application is for the construction of a stormwater management facility to serve the Flora/McLeod development project.
Contaminants:	
Emission Control:	

139 ***3 of 3*** ***NNE/249.4*** ***73.9 / 2.00*** ***Domicile Holdings (2000) Inc. 400 McLeod Street Ottawa ON K2A 0E7*** ***ECA***

Approval No:	3761-4UMTZX	***MOE District:***	Ottawa
Approval Date:	2001-04-20	***City:***	
Status:	Approved	***Longitude:***	-75.69377

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

Record Type:	ECA	**Latitude:**	45.410849999999996
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		
Address:	400 McLeod Street		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8003-4TZL66-14.pdf		

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140 | ***1 of 2*** | ***NE/249.4*** | ***75.9 / 4.00*** | ***PETRO-CANADA*** | ***SPL***
488 BANK ST. (EUROPEAN GLASS & PAINT)
TANK TRUCK (CARGO)
OTTAWA CITY ON K2P 1Z4

Ref No:	31672	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	1/6/1990	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	ABOVE-GROUND 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:	NOT ANTICIPATED	**Site Municipality:**	20101
Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND / WATER	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	OTTAWA
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	1/8/1990	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	WELD/SEAM FAILURE	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	PETRO CANADA-400 L FUEL OIL TO SEWERS (90/01/06)		
Contaminant Qty:			

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140 | ***2 of 2*** | ***NE/249.4*** | ***75.9 / 4.00*** | ***Taggart (Flora) Corporation*** | ***ECA***
488 Bank Street
Ottawa ON K2P 1P9

Approval No:	5324-BJ2P5C	**MOE District:**	
Approval Date:	2019-11-25	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	
SWP Area Name:		**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	488 Bank Street		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5504-BC6JEV-14.pdf		

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141 | ***1 of 2*** | ***ENE/249.4*** | ***79.9 / 8.00*** | ***OTTAWA MOUNTAIN MASTERS LTD. 29-662*** | ***GEN***
519 BANK ST.
OTTAWA ON K2P 1Z5

Generator No: ON1709100
Status:
Approval Years: 93,94,95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 6541
SIC Description: SPORTING GOODS STORE

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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141 **2 of 2** **ENE/249.4** **79.9 / 8.00** **OTTAWA MOUNTAIN MASTERS LTD.**
519 BANK STREET
OTTAWA ON K2P 1Z5
GEN

Generator No: ON1709100
Status:
Approval Years: 99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 6541
SIC Description: SPORTING GOODS STORE

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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142 **1 of 1** **NW/249.5** **76.6 / 4.69** **1043130 Ontario Inc. O/A Alek's Auto Body**
480 GLADSTONE AVE
OTTAWA ON K1R 5N8
EASR

Approval No: R-001-1199098864
Status: REGISTERED
Date: 2012-10-19
Record Type: EASR
Link Source: MOFA
Project Type: Automotive Refinishing Facility
Full Address:
Approval Type: EASR-Automotive Refinishing Facility
Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=1883

SWP Area Name: Rideau Valley
MOE District: Ottawa
Municipality: OTTAWA
Latitude: 45.410526
Longitude: -75.6969
Geometry X:
Geometry Y:

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143 **1 of 2** **ENE/249.5** **79.6 / 7.73** **PROCESS PHOTO CENTRE LTD.**
529 BANK STREET
OTTAWA ON K2P 1Z5
GEN

Generator No: ON1426201
Status:
Approval Years: 01
Contam. Facility:
MHSW Facility:
SIC Code: 6571
SIC Description: CAMERA/PHOTO. SUPPLY

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
143	2 of 2	ENE/249.5	79.6 / 7.73	PROCESS PHOTO CENTRE LTD. 529 Bank St. Ottawa ON K2P 1Z5	GEN

Generator No: ON1426201
Status:
Approval Years: 02,03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
144	1 of 2	ENE/249.7	79.6 / 7.73	PRINTING HOUSE LTD THE 523 BANK ST OTTAWA ON K2P 1Z5	SCT

Established: 1963
Plant Size (ft²):
Employment: 6

--Details--
Description: COMMERCIAL PRINTING, N.E.C.
SIC/NAICS Code: 2759

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
144	2 of 2	ENE/249.7	79.6 / 7.73	PRINTING HOUSE LTD., THE 523 BANK STREET OTTAWA ON K2P 1Z5	GEN

Generator No: ON1855503
Status:
Approval Years: 94,95
Contam. Facility:
MHSW Facility:
SIC Code: 2811
SIC Description: BUSINESS FORMS PRINT

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Unplottable Summary

Total: 86 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Taggart Construction Limited	Mobile Facility	Ottawa ON	
CA	City of Ottawa	Gladstone Avenue	Ottawa ON	
CA		Gladstone Avenue	Ottawa ON	
CA		Flora Street, City of Ottawa	Ottawa ON	
CA		Gladstone Avenue	Ottawa ON	
CA		Flora Street, City of Ottawa	Ottawa ON	
CA		McLeod Street	Ottawa ON	
CA	SOUTH KEYS SHOPPING CENTRES	PT.LOTS 3-5/CONC.3, BANK ST.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	GLADSTONE AVE./BAY ST./JOHN ST	OTTAWA CITY ON	
CA	THE DOUGLAS MACDONALD DEV. CORP.	COMMERCIAL PLAZA BANK STREET	OTTAWA CITY ON	
CA	OTTAWA CITY	GLADSTONE AVE./BAY ST./BANK ST	OTTAWA CITY ON	
CA	OSSORY CANADA INC.	PRIVATE BLDG. BANK ST.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	ARLINGTON AVE.	OTTAWA CITY ON	
CA	MACDONALD DEVELOPMENT CORP.	BANK ST.	OTTAWA CITY ON	
CA	City of Ottawa	Bank Street - Isabella Street to Wilton Crescent	Ottawa ON	
CA	Taggart Construction Limited	Manotick River Crossing and Connection	Ottawa ON	
CA	R.W. Tomlinson Limited	Mobile Facility	Ottawa ON	
CA	City of Ottawa	Bank St from Laurier Avenue to Somerest Street	Ottawa ON	

CA	City of Ottawa	Gladstone Avenue	Ottawa ON	
CA	City of Ottawa	Bank St Bank Street from Somerset Street to Catherine Street	Ottawa ON	
CA	City of Ottawa	Gladstone Avenue	Ottawa ON	
CA	City of Ottawa	Bank Street - Regent Street to Glebe Avenue	Ottawa ON	
CA	MACDONALD DEVELOPMENT CORP.-PLAZA	EASEMENT-BANK STREET	OTTAWA CITY ON	
CONV	IMPERIAL OIL LIMITED		DON MILLS ON	
CONV	R.W. TOMLINSON LIMITED		ON	
CONV	Taggart Construction Limited		Ottawa ON	
CONV	Taggart Construction Limited	Bank Street	South Ottawa ON	
CONV	IMPERIAL OIL LIMITED		NORTH YORK ON	
EBR	Golder Associates Ltd.	19311935 Robertson Road Ottawa K2H 5B9 CITY OF OTTAWA	ON	
EBR	Taggart Construction Limited	Mobile Facility Ottawa Ontario Ottawa	ON	
EBR	R.W. Tomlinson Limited	Mobile Facility Ottawa CITY OF OTTAWA	ON	
ECA	Ultramar Ltd.	Part 1, Reference Plan 4R-23561	Ottawa ON	H3A 3L3
ECA	City of Ottawa	Florence St (from Kent Street to Bank Street)	Ottawa ON	K2G 6J8
ECA	Taggart Construction Limited	Mobile Facility	Ottawa ON	K1V 8Y3
ECA	City of Ottawa	McLeod Street	Ottawa ON	K2G 5K7
ECA	R.W. Tomlinson Limited	Mobile Facility	Ottawa ON	K1G 3N4
EHS		Bank St	Ottawa ON	
EHS		Hwy 417	Ottawa ON	
EHS		Bank St	Ottawa ON	
GEN	RW Tomlinson	St. Laurent Blvd Guideway	Ottawa ON	K1G 3N4
GEN	City of Ottawa	Riverside Dr. Westbound 100m East of Bank St. to 100m West of Bank St.	Ottawa ON	K1H 7X5

GEN	R.W Tomlinson Heavy Civil	Alta Vista Hospital Link Jobsite	Ottawa ON	K1G 3N4
GEN	R.W Tomlinson	LRT Central Site Hwy 417 Widening	ottawa ON	K1G 3N4
GEN	RW Tomlinson	St. Laurent Blvd Guideway	Ottawa ON	K1G 3N4
GEN	R.W Tomlinson	Alta Vista Hospital Link Jobsite	Ottawa ON	K1G 3N4
GEN	IMPERIAL OIL LTD	ESSO PETROLEUM CANADA OTTAWA INTERNATIONAL AIRPORT	OTTAWA ON	M5W 1K3
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	PITTS ENGINEERING CONSTRUCTION	BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417	OTTAWA-CARLETON ON	K1G 3H6
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	SPIC & SPAN-VALETOR-CASH CLEANERS	BILLINGS BRIDGE PLAZA, BANK STREET C/O 1764 WOODWARD DRIVE	OTTAWA ON	K2C 0P8
GEN	R.W Tomlinson	LRT Central Site Hwy 417 Widening	ottawa ON	K1G 3N4
GEN	Hydro Ottawa Ltd.	Bank St	Ottawa ON	
GEN	R.W Tomlinson	Alta Vista Hospital Link Jobsite	Ottawa ON	K1G 3N4
GEN	GOLDER ASSOCIATES INC.	ABBOTSFORD ROAD	OTTAWA ON	K2L 1C6
NPRI	R.W. TOMLINSON LIMITED		Ottawa ON	
PTTW	R.W. Tomlinson Limited		ON	
RST	ULTRAMAR LTÉE	OTTAWA	OTTAWA ON	
SPL	MacEwen Petroleum Inc.		Ottawa ON	
SPL	City of Ottawa <UNOFFICIAL>	on east side of Bank St. 750 metres north of Findlay Creek Dr.	Ottawa ON	
SPL	Ottawa D-Squared Construction Limited	Bank St, South of Leitrim Rd	Ottawa ON	
SPL	R.W. Tomlinson Limited		Ottawa ON	
SPL		Kent Street near Bank Street	Ottawa ON	
SPL	Taggart Construction Limited		Ottawa ON	

SPL	IMPERIAL OIL	TANK TRUCK (CARGO)	NEPEAN CITY ON
SPL	ESSO PETROLEUM CANADA	ESSO DISTRIBUTION STATION BULK STATION	OTTAWA CITY ON
SPL	ESSO PETROLEUM CANADA	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	ESSO PETROLEUM CANADA	TRANSPORT TRUCK (CARGO)	OTTAWA CITY ON
SPL	ESSO PETROLEUM CANADA	SERVICE STATION	NEPEAN CITY ON
SPL	TRANSPORT TRUCK	EAST SIDE OF QUEENSWAY (HIGHWAY 417) BETWEEN MOODIE & EAGLESON ROADS. TRANSPORT TRUCK (CARGO)	NEPEAN CITY ON
SPL	TRANSPORT TRUCK	BANK ST. BRIDGE MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	PIONEER PETROLEUMS LTD.	BANK STREET SOUTH PIONEER GAS STATION. SERVICE STATION	OTTAWA CITY ON
SPL	ESSO PETROLEUM CANADA	BANK STREET SERVICE STATION	OTTAWA CITY ON
SPL	OTTAWA-CARLETON, R.M. OF	KENT ST REGULATOR TO OTTAWA RIVER ON N.R.C. PROPERTY SANITARY SEWER SYSTEM	OTTAWA CITY ON
SPL	ESSO PETROLEUM CANADA	BULK STATION	OTTAWA CITY ON
SPL	TRANSPORT TRUCK	HWY. 417 MOTOR VEHICLE (OPERATING FLUID)	OTTAWA ON
SPL	OC TRANSPO	BANK ST. SOUTH MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	TRANSPORT TRUCK	HWY 417 AT MILE MARKER 5, EASTBOUND MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	TRANSPORT TRUCK	HWY 417 BETWEEN NICOLAS AND VANIER PARKWAY MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	City of Ottawa	Bank St in front of Bethshalam Cemetary	Ottawa ON
SPL	Ferguson Fuels<UNOFFICIAL>	HWY 417 EASTBOUND AT THE EAGLESON OFF RAMP<UNOFFICIAL>	Ottawa ON
SPL		HIGHWAY 417 EASTBOUND, EAST OF ROCKDALE EXIT<UNOFFICIAL>	Ottawa ON
SPL	City of Ottawa	Highway 417	Ottawa ON
SPL	Esso Petroleum Canada, A Division of Imperial Oil Limited	Nepean	Ottawa ON
SPL	Waste Management Inc.	HWY 417 EASTBOUND, ST. LAURENT EXIT (115)<UNOFFICIAL>	Ottawa ON

SPL	Bell Canada	on Bank St, 10 ft N of Catherine St BELL MANHOLE<UNOFFICIAL>	Ottawa ON
SRDS	R.W. TOMLINSON LTD.		ON

Unplottable Report

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: ***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:
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:
Flora Street, City of Ottawa Ottawa ON

Database: ***CA***

Certificate #:	6314-4K5KPG
Application Year:	00

Issue Date: 5/9/00
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 Watermain and Appurtenances on Flora St. from Bronson Avenue to Bank St.
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:
Flora Street, City of Ottawa Ottawa ON

Database: ***CA***

Certificate #: 7817-4JZGND
Application Year: 00
Issue Date: 6/7/00
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: Installation of a Combined Sewer in the City of Ottawa.
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: ***SOUTH KEYS SHOPPING CENTRES***
PT.LOTS 3-5/CONC.3, BANK ST. OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-0856-95-
Application Year:	95
Issue Date:	8/8/1995
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***
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: ***THE DOUGLAS MACDONALD DEV. CORP.***
COMMERCIAL PLAZA BANK STREET OTTAWA CITY ON

Database: ***CA***

Certificate #:	7-1304-86-
Application Year:	86
Issue Date:	10/28/1986
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***
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: ***OSSORY CANADA INC.***
PRIVATE BLDG. BANK ST. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0515-87-
Application Year: 87
Issue Date: 4/23/1987
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***
ARLINGTON AVE. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1593-88-
Application Year: 88
Issue Date: 8/30/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MACDONALD DEVELOPMENT CORP.***
BANK ST. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1072-88-
Application Year: 88
Issue Date: 9/28/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Bank Street - Isabella Street to Wilton Crescent Ottawa ON

Database: ***CA***

Certificate #: 2096-8G2SZN
Application Year: 2011
Issue Date: 5/3/2011
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: ***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: ***R.W. Tomlinson Limited***
Mobile Facility Ottawa ON

Database: ***CA***

Certificate #: 4667-7VVM63
Application Year: 2009
Issue Date: 10/30/2009
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***
Bank St from Laurier Avenue to Somerest Street Ottawa ON

Database: ***CA***

Certificate #: 4804-7DGNT6
Application Year: 2008
Issue Date: 4/8/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***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***
Bank St Bank Street from Somerset Street to Catherine Street Ottawa ON

Database: ***CA***

Certificate #: 7054-7L4LKY
Application Year: 2008
Issue Date: 11/28/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***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***
Bank Street - Regent Street to Glebe Avenue Ottawa ON

Database: ***CA***

Certificate #: 4000-8EDQTH
Application Year: 2011
Issue Date: 3/14/2011
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: ***MACDONALD DEVELOPMENT CORP.-PLAZA EASEMENT-BANK STREET OTTAWA CITY ON***

Database: ***CA***

Certificate #:	3-1864-86-
Application Year:	86
Issue Date:	12/19/1986
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***IMPERIAL OIL LIMITED DON MILLS ON***

Database: ***CONV***

File No:		***Location:***	
Crown Brief No:		***Region:***	EASTERN REGION
Court Location:		***Ministry District:***	
Publication City:			
Publication Title:			
Act:			
Act(s):			
First Matter:			
Second Matter:			
Investigation 1:			
Investigation 2:			
Penalty Imposed:			
Description:	FAILED TO COMPLY WITH CONDITIONS OF C. OF A.		
Background:			
URL:			

Additional Details

Publication Date:	
Count:	1
Act:	OWRA
Regulation:	
Section:	66(3)
Act/Regulation/Section:	OWRA- -66(3)
Date of Offence:	
Date of Conviction:	
Date Charged:	6/4/93
Charge Disposition:	
Fine:	$6,000
Synopsis:	

Site: ***R.W. TOMLINSON LIMITED ON***

Database: ***CONV***

File No:		***Location:***	
Crown Brief No:	01-0198-0415	***Region:***	EASTERN REGION
Court Location:		***Ministry District:***	OTTAWA
Publication City:			
Publication Title:			
Act:			
Act(s):			
First Matter:			
Second Matter:			
Investigation 1:			
Investigation 2:			
Penalty Imposed:			

Description: FAIL TO COMPLY SAFETY TRAINING, FAIL TO SUBMIT REPORTS TO DIRECTOR, COMMIT OFFENCE OF TRANSFERRING WASTE OIL WITHOUT GEN. REG. DOCUMENT

Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation: 347
Section: 18 (1)
Act/Regulation/Section: EPA 347 18 (1)
Date of Offence:
Date of Conviction:
Date Charged: 2/25/2003
Charge Disposition: FINED
Fine: $3500
Synopsis:

Site: ***Taggart Construction Limited***
Ottawa ON

Database: ***CONV***

File No: 012802
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Location:
Region:
Ministry District:

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***
Bank Street South Ottawa ON

Database: ***CONV***

File No: 010503
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: On December 3, 2009, Taggart Construction Limited pleaded guilty to one violation under the Ontario Water Resources Act for failing to comply with a Provincial Officer Order to submit weekly water taking records showing daily water taking volumes. The company was contracted to install municipal services for the Findlay Creek Subdivision located on Bank Street in South Ottawa. A ministry inspection of the construction site in the fall of 2007 revealed concerns with water taking activities and a Provincial Officer Order was issued. One of the requirements of the Order, related to keeping accurate water taking records and submitting them to the ministry, was not complied with. The company was charged following an investigation by the ministry's Investigations and Enforcement Branch and was fined $5,000 plus victim fine surcharge. The company was given 30 days to pay the fine.
Background:
URL:

Location:
Region:
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: Provincial Officer Order
Regulation:
Section:
Act/Regulation/Section: Provincial Officer Order
Date of Offence:
Date of Conviction:
Date Charged: December 3, 2009
Charge Disposition: fine, victim fine surcharge
Fine: $5,000
Synopsis:

Site: ***IMPERIAL OIL LIMITED***
NORTH YORK ON

Database: ***CONV***

File No:
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: FAILED TO INSPECT OIL/WATER SEPARATOR WEEKLY & MAINTAIN LOG BOOK AT SITE
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section: 66(3)

Act/Regulation/Section: OWRA- -66(3)
Date of Offence:
Date of Conviction:
Date Charged: 6/4/93
Charge Disposition:
Fine: $4,000
Synopsis:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section: 66(3)
Act/Regulation/Section: OWRA- -66(3)
Date of Offence:
Date of Conviction:
Date Charged: 6/4/93
Charge Disposition:
Fine: $1,000
Synopsis:

Site: ***Golder Associates Ltd.***
19311935 Robertson Road Ottawa K2H 5B9 CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: 012-2926
Ministry Ref No: 6895-9PJHS5
Notice Type: Instrument Decision
Notice Stage: 821734627
Notice Date: February 08, 2016
Proposal Date: October 31, 2014
Year: 2014
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Off Instrument Name:
Posted By:
Company Name: Golder Associates Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 1931 Robertson Road, Ottawa Ontario, Canada K2H 5B9
Comment Period:
URL:

Site Location Details:

19311935 Robertson Road Ottawa K2H 5B9 CITY OF OTTAWA

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: 803008003
Notice Date: December 09, 2008
Proposal Date: January 30, 2007
Year: 2007
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
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:

Site Location Details:

Mobile Facility Ottawa Ontario Ottawa

Site: ***R.W. Tomlinson Limited***
Mobile Facility Ottawa CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: 010-4078
Ministry Ref No: 2891-7FVQ5M
Notice Type: Instrument Decision
Notice Stage:
Notice Date: November 06, 2009
Proposal Date: July 03, 2008
Year: 2008
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
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: R.W. Tomlinson Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 5597 Power Road, Ottawa Ontario, Canada K1G 3N4
Comment Period:
URL:

Site Location Details:

Mobile Facility Ottawa CITY OF OTTAWA

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

Database: ***ECA***

Approval No: 1928-8W2Q6W
Approval Date: 2012-07-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Address: Part 1, Reference Plan 4R-23561
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2244-8RJQ9S-14.pdf

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Site: ***City of Ottawa***
Florence St (from Kent Street to Bank Street) Ottawa ON K2G 6J8

Database: ***ECA***

Approval No: 7198-B76NXJ
Approval Date: 2018-12-13
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Florence St (from Kent Street to Bank Street)
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6425-B6ZKDX-13.pdf

Site: ***Taggart Construction Limited***
Mobile Facility Ottawa ON K1V 8Y3

Database: ***ECA***

Approval No:	0636-7KEL2F	***MOE District:***	
Approval Date:	2008-11-19	***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		
Address:	Mobile Facility		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8556-6XWUA3-14.pdf		

Site: ***City of Ottawa***
McLeod Street Ottawa ON K2G 5K7

Database: ***ECA***

Approval No:	0461-54ATD3	***MOE District:***	
Approval Date:	2001-11-09	***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		
Address:	McLeod Street		
Full Address:			
Full PDF Link:			

Site: ***R.W. Tomlinson Limited***
Mobile Facility Ottawa ON K1G 3N4

Database: ***ECA***

Approval No:	4667-7VVM63	***MOE District:***	
Approval Date:	2009-10-30	***City:***	
Status:	Revoked and/or Replaced	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Address:	Mobile Facility		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2891-7FVQ5M-14.pdf		

Site:
Bank St Ottawa ON

Database: ***EHS***

Order No:	20060427021	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	5/5/2006	***Search Radius (km):***	0.25
Date Received:	4/26/2006	***X:***	-75.670288
Previous Site Name:		***Y:***	45.364953
Lot/Building Size:			
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: ***Database:*** ***EHS***

Bank St Ottawa ON

Order No:	20031121005	***Nearest Intersection:***	See Faxed Map
Status:	C	***Municipality:***	
Report Type:	Basic Report	***Client Prov/State:***	ON
Report Date:	11/25/03	***Search Radius (km):***	0.50
Date Received:	11/21/03	***X:***	-75.654252
Previous Site Name:		***Y:***	45.363635
Lot/Building Size:			
Additional Info Ordered:			

Site: ***RW Tomlinson*** ***Database:*** ***GEN***

St. Laurent Blvd Guideway Ottawa ON K1G 3N4

Generator No:	ON6732602	***PO Box No:***	
Status:	Registered	***Country:***	Canada
Approval Years:	As of Dec 2017	***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)

Site: ***City of Ottawa*** ***Database:*** ***GEN***

Riverside Dr. Westbound 100m East of Bank St. to 100m West of Bank St. Ottawa ON K1H 7X5

Generator No:	ON4685136	***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)

Site: ***R.W Tomlinson Heavy Civil*** ***Database:*** ***GEN***

Alta Vista Hospital Link Jobsite Ottawa ON K1G 3N4

Generator No:	ON8156580	***PO Box No:***	
Status:	Registered	***Country:***	Canada
Approval Years:	As of Dec 2017	***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

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Site: ***R.W Tomlinson***
LRT Central Site Hwy 417 Widening ottawa ON K1G 3N4

Database: ***GEN***

Generator No: ON9834153
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 237310
SIC Description: HIGHWAY, STREET AND BRIDGE CONSTRUCTION

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: mark peralta
Phone No Admin: 6138221867 Ext.

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Site: ***RW Tomlinson***
St. Laurent Blvd Guideway Ottawa ON K1G 3N4

Database: ***GEN***

Generator No: ON6732602
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 237310, 237990
SIC Description: HIGHWAY, STREET AND BRIDGE CONSTRUCTION, OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION

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

Detail(s)

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

Site: ***R.W Tomlinson***
Alta Vista Hospital Link Jobsite Ottawa ON K1G 3N4

Database: ***GEN***

Generator No: ON8156580
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 237310
SIC Description: HIGHWAY, STREET AND BRIDGE CONSTRUCTION

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: nick gianetto
Phone No Admin: 6139132412 Ext.

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Site: ***IMPERIAL OIL LTD***
ESSO PETROLEUM CANADA OTTAWA INTERNATIONAL AIRPORT OTTAWA ON M5W 1K3

Database: ***GEN***

Generator No: ON0000713
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:

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

MHSW Facility: ***Phone No Admin:***
SIC Code: 4523
SIC Description: AIRCRAFT SEVICING

Detail(s)

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

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 ***PO Box No:***
Status: ***Country:***
Approval Years: 97,98 ***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: ***PITTS ENGINEERING CONSTRUCTION***
BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417 OTTAWA-CARLETON ON K1G 3H6

Database: ***GEN***

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: ***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 ***PO Box No:***
Status: ***Country:***
Approval Years: 92,93,94,95,96 ***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: ***SPIC & SPAN-VALETOR-CASH CLEANERS***
BILLINGS BRIDGE PLAZA, BANK STREET C/O 1764 WOODWARD DRIVE OTTAWA ON K2C 0P8

Database: ***GEN***

Generator No: ON0573413 ***PO Box No:***

Status:
Approval Years: 86,87,88
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANERS
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Site: ***R.W Tomlinson***
LRT Central Site Hwy 417 Widening ottawa ON K1G 3N4

Database: ***GEN***

Generator No: ON9834153
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 237310
SIC Description: HIGHWAY, STREET AND BRIDGE CONSTRUCTION
PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: mark peralta
Phone No Admin: 6138221867 Ext.

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Site: ***Hydro Ottawa Ltd.***
Bank St Ottawa ON

Database: ***GEN***

Generator No: ON8798860
Status:
Approval Years: 03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Site: ***R.W Tomlinson***
Alta Vista Hospital Link Jobsite Ottawa ON K1G 3N4

Database: ***GEN***

Generator No: ON8156580
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 237310
SIC Description: HIGHWAY, STREET AND BRIDGE CONSTRUCTION
PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: nick gianetto
Phone No Admin: 6139132412 Ext.

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Site: ***GOLDER ASSOCIATES INC.***
ABBOTSFORD ROAD OTTAWA ON K2L 1C6

Database: ***GEN***

Generator No: ON6252247
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:	237990		
SIC Description:	OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION		

Detail(s)

Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Site: ***R.W. TOMLINSON LIMITED***
Ottawa ON

Database: ***NPRI***

NPRI ID:	7200011897	***Org ID:***	
Other ID:		***Submit Date:***	
No Other ID:		***Last Modified:***	
Track ID:		***Contact ID:***	
Report ID:	826	***Cont Type:***	MED
Report Type:		***Contact Title:***	
Rpt Type ID:		***Cont First Name:***	
Report Year:	2011	***Cont Last Name:***	
Not-Current Rpt?:		***Contact Position:***	
Yr of Last Filed Rpt:		***Contact Fax:***	
Fac ID:		***Contact Ph.:***	
Fac Name:	CRM CARP	***Cont Area Code:***	
Fac Address1:		***Contact Tel.:***	
Fac Address2:		***Contact Ext.:***	
Fac Postal Zip:		***Cont Fax Area Cde:***	
Facility Lat:		***Contact Fax:***	
Facility Long:		***Contact Email:***	
DLS (Last Filed Rpt):		***Latitude:***	
Facility DLS:		***Longitude:***	
Datum:		***UTM Zone:***	
Facility Cmnts:		***UTM Northing:***	
URL:		***UTM Easting:***	
No of Empl.:	8	***Waste Streams:***	
Parent Co.:		***No Streams:***	
No Parent Co.:		***Waste Off Sites:***	
Pollut Prev Cmnts:		***No Off Sites:***	
Stacks:		***Shutdown:***	
No of Stacks:		***No of Shutdown:***	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	32		
NAICS 2 Description:	Manufacturing		
NAICS Code (4 digit):	3273		
NAICS 4 Description:	Cement and Concrete Product Manufacturing		
NAICS Code (6 digit):	327320		
NAICS 6 Description:	Ready-Mix Concrete Manufacturing		

Site: ***R.W. Tomlinson Limited***
ON

Database: ***PTTW***

EBR Registry No:	010-5329	***Decision Posted:***	
Ministry Ref No:	3248-7LXR8J	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	April 14, 2009	***Act 2:***	
Proposal Date:	December 04, 2008	***Site Location Map:***	
Year:	2008		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	R.W. Tomlinson Limited		

Site Address:
Location Other:
Proponent Name:
Proponent Address: 5597 Power Road, Ottawa Ontario, Canada K1G 3N4
Comment Period:
URL:

Site Location Details:

R.W. Tomlinson Limited Address: Lot: 20, Concession: 7, Ottawa, City District Office: Ottawa GeoReference: Map Datum: NAD83, Zone: 18, Accuracy Estimate: 10-30 metres eg. Medium Quality GPS, Method: Map, UTM Easting: 470954, UTM Northing: 5024837 CITY OF OTTAWA

Site: ***ULTRAMAR LTÉE***
OTTAWA OTTAWA ON

Database: ***RST***

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

Site: ***MacEwen Petroleum Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	8700-8QT5DV	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	23-JAN-12	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Overturn - Truck Or Trailer	***Sector Type:***	Tank Truck
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	FUEL (N.O.S.)	***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:***	Ottawa
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:	Sewage - Municipal/Private and Commercial	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	Priority Field Response (ERP Callout)	***Easting:***	
Dt MOE Arvl on Scn:	23-JAN-12	***Site Geo Ref Accu:***	
MOE Reported Dt:	23-JAN-12	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Primary Assessment of Incident
Incident Reason:	Unknown - Reason not determined	***Source Type:***	

Site Name: Leitram and Hawthorne <UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: MacEwen Fuels <54000L on board tanker in ditch, spill cont.
Contaminant Qty:

Site: ***City of Ottawa <UNOFFICIAL>***
on east side of Bank St. 750 metres north of Findlay Creek Dr. Ottawa ON

Database: ***SPL***

Ref No:	4541-7VJ3B3	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Pipe Or Hose Leak	***Sector Type:***	Sewage Treatment
Incident Event:		***Agency Involved:***	
Contaminant Code:	44	***Nearest Watercourse:***	
Contaminant Name:	SEWAGE,RAW UNCHLORINATED	***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:***	
Nature of Impact:	Soil Contamination	***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:	9/2/2009	***Site Map Datum:***	
Dt Document Closed:	9/10/2009	***SAC Action Class:***	Land Spills
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:	on east side of Bank St. 750 metres north of Findlay Creek Dr. <UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ottawa Works Dept. - sewage to ground from forcemain.		
Contaminant Qty:			

Site: ***Ottawa D-Squared Construction Limited***
Bank St, South of Leitrim Rd Ottawa ON

Database: ***SPL***

Ref No:	1488-9P3QYV	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2014/09/18	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Collision/Accident	***Sector Type:***	Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	Bank St, South of Leitrim Rd
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:	Other Impact(s)	***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:	2014/09/18	***Site Map Datum:***	
Dt Document Closed:	2014/09/24	***SAC Action Class:***	Land Spills
Incident Reason:	Operator/Human Error	***Source Type:***	
Site Name:	D- Squared MVA<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	D-Squared MVA - 100L DSL and oil to asphalt, cleaning		
Contaminant Qty:	0 other - see incident description		

Site: ***R.W. Tomlinson Limited***
Ottawa ON

Database: ***SPL***

Ref No:	5848-9W4RW6	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	5/1/2015	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Leak/Break	***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:		***Site Municipality:***	Ottawa
Nature of Impact:	Land	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	N	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	5/1/2015	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Land Spills
Incident Reason:	Operator/Human Error	***Source Type:***	

Site Name: Bearbrook bridge on Hwy 417 east bound<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: R.W. Tomlinson: Sediment release to Bearbrook tributary
Contaminant Qty:

Site: **Database:** SPL

Kent Street near Bank Street Ottawa ON

Ref No:	5751-ABLQJZ	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2016/07/06	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Communal
Incident Event:	Operator/Human error	**Agency Involved:**	
Contaminant Code:	99	**Nearest Watercourse:**	
Contaminant Name:	SAND/GRAVEL	**Site Address:**	Kent Street near Bank Street
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:	Surface Water	**Northing:**	5029483
MOE Response:	No	**Easting:**	445423
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2016/07/06	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Land Spills
Incident Reason:	Maintenance	**Source Type:**	

Site Name: CB in Roadway<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Ottawa: 45 kgs Aggregate to CB. Cntd, clnd.
Contaminant Qty: 45 kg

Site: ***Taggart Construction Limited Ottawa ON*** **Database:** SPL

Ref No:	7584-BB3KRQ	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	4/4/2019	**Health/Env Conseq:**	
Year:		**Client Type:**	Corporation
Incident Cause:		**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**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:		**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:	4/9/2019	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:		**Source Type:**	

Site Name: 1896 John Quinn rd, Metcalfe<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Mobile Crusher Relocation - 2019
Contaminant Qty:

Site: ***IMPERIAL OIL*** **Database:** SPL

TANK TRUCK (CARGO) NEPEAN CITY ON

Ref No:	35439	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	5/29/1990	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20104
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:	5/29/1990	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: IMPERIAL OIL - 10 L GASO- LINE TO CONCRETE. CLEAN UP COMPLETED.
Contaminant Qty:

Site: ***ESSO PETROLEUM CANADA***
ESSO DISTRIBUTION STATION BULK STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	46877	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/21/1991	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/21/1991	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: ESSO DISTRIB. STATION - 50 L FURNACE OIL SPILLED TO LOADING DOCK. OV/FILL.
Contaminant Qty:

Site: ***ESSO PETROLEUM CANADA***
TANK TRUCK (CARGO) OTTAWA CITY ON

Database: ***SPL***

Ref No:	47843	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	3/19/1991	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	

Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	3/20/1991	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ESSO HOME COMFORT - TANK TRUCK SPILLED APPROX 1 L.HEATING OIL ON GROUND		
Contaminant Qty:			

Site: ***ESSO PETROLEUM CANADA***
TRANSPORT TRUCK (CARGO) OTTAWA CITY ON

Database: ***SPL***

Ref No:	59519	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	11/7/1991	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	11/7/1991	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ESSO-3 LITRES DIESEL FUELTO GRND UNDER LOADING RACK,COUPLING NOT CLOSED		
Contaminant Qty:			

Site: ***ESSO PETROLEUM CANADA***
SERVICE STATION NEPEAN CITY ON

Database: ***SPL***

Ref No:	65520	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	12/23/1991	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20104
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	MCCR

Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	12/24/1991	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ESSO/TRW PETROLEUM: 30 L GASOLINE TO GROUND WHEN TANK OVERFILLED		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
EAST SIDE OF QUEENSWAY (HIGHWAY 417) BETWEEN MOODIE & EAGLESON ROADS. TRANSPORT TRUCK (CARGO) NEPEAN CITY ON

Database: ***SPL***

Ref No:	76887	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	9/28/1992	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20104
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	F.D., MTO
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/28/1992	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TRANSPORT TRUCK-30 L DIESEL FUEL TO DITCH.		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
BANK ST. BRIDGE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database: ***SPL***

Ref No:	88427	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	7/13/1993	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20101
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	FIRE DEPT
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	7/13/1993	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	CORROSION	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	HYDRAULIC OIL LEAK FROM UNIDENTIFIED TRANSPORT TRUCK TO BANK ST. BRIDGE		

Contaminant Qty:

Site: ***PIONEER PETROLEUMS LTD.***
BANK STREET SOUTH PIONEER GAS STATION. SERVICE STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	137358	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/20/1997	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/20/1997	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: PIONEER PETROLEUMS-4L GASOLINE TO GROUND,UNSAFESPILL RESPONSE BY STAFF.
Contaminant Qty:

Site: ***ESSO PETROLEUM CANADA***
BANK STREET SERVICE STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	147934	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	10/16/1997	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/16/1997	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	DAMAGE BY MOVING EQUIPMENT	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: ESSO SERVICE STATION: 40 L GASOLINE TO GROUND
Contaminant Qty:

Site: ***OTTAWA-CARLETON, R.M. OF***
KENT ST REGULATOR TO OTTAWA RIVER ON N.R.C. PROPERTY SANITARY SEWER SYSTEM OTTAWA CITY ON

Database: ***SPL***

Ref No:	153191	***Discharger Report:***	
Site No:		***Material Group:***	

Incident Dt:	3/9/1998	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20101
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	3/10/1998	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	STORM/FLOOD/WIND	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OTTAWA CARLETON R.M.- LEAK OF RAW UNCHLORINATED SEWAGE, PIPE CRACKED.		
Contaminant Qty:			

Site: ***ESSO PETROLEUM CANADA***
BULK STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	155190	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	5/1/1998	***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:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	5/1/1998	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	NEGLIGENCE (APPARENT)	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ESSO-156 L DIESEL TO LOT,LOADING ARM NOT IN TRUCKSCOMPARTMENT,PUMP STARTED.		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
HWY. 417 MOTOR VEHICLE (OPERATING FLUID) OTTAWA ON

Database: ***SPL***

Ref No:	191523	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	12/4/2000	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	TRUCK/TRAILER OVERTURN	***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:	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:	12/4/2000	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	OTHER	***Source Type:***	
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:			

Site: ***OC TRANSPO***
BANK ST. SOUTH MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database: ***SPL***

Ref No:	223917	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	4/11/2002	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***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:	4/11/2002	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SPILL OF DIESEL FUEL TO GRND, CLEAN UP CREW ON THE WAY		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
HWY 417 AT MILE MARKER 5, EASTBOUND MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database: ***SPL***

Ref No:	233267	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	7/25/2002	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Sector Type:***	
Incident Event:		***Agency Involved:***	OPP,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:	POSSIBLE	***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:	7/25/2002	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	

Site Name:	
Site County/District:	
Site Geo Ref Meth:	
Incident Summary:	BELFAST FRUIT INC. MVA PUT TRUCK IN DITCH. DIE-SEL FROM SADDLE TANKS.
Contaminant Qty:	

Site: ***TRANSPORT TRUCK*** **Database:** SPL
HWY 417 BETWEEN NICOLAS AND VANIER PARKWAY MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Ref No:	240047	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	9/20/2002	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	BLADDER FAILURE	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	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:	9/20/2002	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	DAMAGE BY MOVING EQUIPMENT	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	MOLSON'S:300L DIESEL TO GRD,50L TO SEWER, CONTAI-NED AND CLEANING		
Contaminant Qty:			

Site: ***City of Ottawa*** **Database:** SPL
Bank St in front of Bethshalam Cemetary Ottawa ON

Ref No:	1101-6BTH2J	**Discharger Report:**	0
Site No:		**Material Group:**	Chemical
Incident Dt:	4/26/2005	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Cooling System Leak	**Sector Type:**	Other Motor Vehicle
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:	ETHYLENE GLYCOL (ANTIFREEZE)	**Site Address:**	
Contaminant Limit 1:		**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:	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:	4/26/2005	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Spill to Land
Incident Reason:	Equipment Failure	**Source Type:**	
Site Name:	shoulder of road<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ottawa:OC Transpo- 8 L antifreeze to grnd, clng		
Contaminant Qty:			

Site: ***Ferguson Fuels<UNOFFICIAL>*** **Database:** SPL

HWY 417 EASTBOUND AT THE EAGLESON OFF RAMP<UNOFFICIAL> Ottawa ON

Ref No:	2342-6QAQYF	***Discharger Report:***	
Site No:		***Material Group:***	Oils
Incident Dt:	5/30/2006	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Transport Accident	***Sector Type:***	Other Motor Vehicle
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:***	
Environment Impact:	Confirmed	***Site Municipality:***	Ottawa
Nature of Impact:	Soil Contamination; Surface Water Pollution	***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:	5/30/2006	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:		***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ferguson Fuels ~60 L diesel spill, Hwy 417, Eagleson exit		
Contaminant Qty:	60 L		

Site: ***Database:*** ***SPL***

HIGHWAY 417 EASTBOUND, EAST OF ROCKDALE EXIT<UNOFFICIAL> Ottawa ON

Ref No:	2415-6M4SUB	***Discharger Report:***	
Site No:		***Material Group:***	Oils
Incident Dt:	2/17/2006	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Transport Accident	***Sector Type:***	Other Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	12	***Nearest Watercourse:***	
Contaminant Name:	GASOLINE	***Site Address:***	
Contaminant Limit 1:		***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:	Human Health/Safety; Other Impact(s); Soil Contamination	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/17/2006	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Hwy 417 eastbound, 36 vehicle MVA - operating fluid to grnd		
Contaminant Qty:	Not specified 12		

Site: ***City of Ottawa***
Highway 417 Ottawa ON

Database: ***SPL***

Ref No:	3043-7QMTYH	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Pipe Or Hose Leak	***Sector Type:***	Other
Incident Event:		***Agency Involved:***	

Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:	ENGINE OIL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	Other Impact(s)	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	NA
MOE Response:		***Easting:***	NA
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	3/30/2009	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Primary Assessment of Incident
Incident Reason:	Unknown - Reason not determined	***Source Type:***	
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		

Site: ***Esso Petroleum Canada, A Division of Imperial Oil Limited***
Nepean Ottawa ON

Database: ***SPL***

Ref No:	0874-78WNRU	***Discharger Report:***	
Site No:		***Material Group:***	Oil
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Pipe Or Hose Leak	***Sector Type:***	Tank Truck
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:	Confirmed	***Site Municipality:***	Ottawa
Nature of Impact:	soil contamiination	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	11/13/2007	***Site Map Datum:***	
Dt Document Closed:	11/16/2007	***SAC Action Class:***	
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:	1961 Merivale Rd<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Errentom Tanklines - 8L diesel to grd		
Contaminant Qty:	8 L		

Site: ***Waste Management Inc.***
HWY 417 EASTBOUND, ST. LAURENT EXIT (115)<UNOFFICIAL> Ottawa ON

Database: ***SPL***

Ref No:	8781-6L7M7T	***Discharger Report:***	
Site No:		***Material Group:***	Oils
Incident Dt:	1/19/2006	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Other Motor Vehicle
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:***	
Environment Impact:	Not Anticipated	***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:	1/19/2006	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:		***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	HWY 417: garbage truck fire, 45 gal hyd. oil to road		
Contaminant Qty:	200 L		

Site: ***Bell Canada***
on Bank St, 10 ft N of Catherine St BELL MANHOLE<UNOFFICIAL> Ottawa ON

Database: ***SPL***

Ref No:	8384-6WDTAV	***Discharger Report:***	
Site No:		***Material Group:***	Oils
Incident Dt:	12/11/2006	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Unknown	***Sector Type:***	Unknown
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	GASOLINE	***Site Address:***	ON BANK ST, 10 FT N OF CATHERINE ST
Contaminant Limit 1:		***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:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:	Water	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	12/11/2006	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	Unknown - Reason not determined	***Source Type:***	
Site Name:	ON BANK ST, 10 FT N OF CATHERINE ST		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ukn src: hydrocarbons in Bell manhole		
Contaminant Qty:	Not specified L		

Site: ***R.W. TOMLINSON LTD.***
ON

Database: ***SRDS***

Company Code:		***Sector:***	
Works ID:		***Region:***	
SIC:		***District:***	
SIC1:		***UTM Zone:***	
SIC1 Desc:		***UTM Easting:***	
SIC2:		***UTM Northing:***	
SIC2 Desc:		***UTM Precision:***	
SIC3:		***Minor Basin:***	
SIC3 Desc:		***Major Basin:***	
Body of Water:		***Report Year:***	1990-1994
Terminal Stream:			
SIC Desc:			
Mailing Address:	NEPEAN		
Corp Address:			

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 2019

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-Jan 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.
Environment and Climate Change Canada cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Jan 2004-Dec 2017

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.
The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

Chemical Register: 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

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 - Jun 2020

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Dec 2019

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Jul 31, 2020

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2019

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-Jul 31, 2020

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Jul 31, 2020

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Jul 31, 2020

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Jul 31, 2020

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

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

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.
The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

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 2020

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.
The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

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, 2020

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2017

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Jan 2020

National Analysis of Trends in Emergencies System (NATES): Federal NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Mar 31, 2020

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-May 31, 2020

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Jul 31, 2020

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011-Jul 31, 2020

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.
The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Jul 31, 2020

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-May 2020

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-Jan 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.
The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Nov 2019

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Aug 2018

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-JuL 31, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 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, 2020

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

Appendix E

Ministry of Environment, Conservation and Parks – Freedom of Information (FOI) Request

Ontario

Ministry of the Environment and Climate Change

Freedom of Information and
Protection of Privacy Office
40 St. Clair Avenue West, 12th Floor
Toronto ON M4V 1M2
Telephone 416 314-4075

Freedom of Information Request

Instructions

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Our fax number is 416 314-4285.

For Ministry Use Only

FOI Request Number	Date Request Received (yyyy/mm/dd)
Fee Paid	☐ Cheque ☐ VISA/MC ☐ Cash/Money Order

☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ IEB ☐ EAA ☐ EMR ☐ SCB ☐ SDW

1. Requester Data

Last Name	First Name	Middle Initial
Lopers	Luke	A

Title	Company Name
Principal	Lopers & Associates

Mailing Address

Unit Number	Street Number	Street Name	PO Box
	30	Lansfield Way	

City/Town	Province	Postal Code
Ottawa	Ontario	K2G 3V8

Email Address	Telephone Number	Fax Number
Luke@Lopers.ca	613 327-9073 ext.	

Project/Reference Number	Signature of Requester
LOP20-004	

2. Request Parameters

Municipal Address (Municipal address mandatory for cities, towns or regions)

Unit Number	Street Number	Street Name	PO Box
	2940	Baseline Road	

Lot Number	Concession	Geographic Township

City/Town/Village	Province	Postal Code
Ottawa	Ontario	K2B 7W3

Present Property

1. Owner: 3223701 Canada Inc. — Date of Ownership (yyyy/mm/dd): 2000/04/22

   Tenant (if applicable)

Previous Property

1. Owner — Date of Ownership (yyyy/mm/dd)

   Tenant (if applicable)

  Disponible en français

3. Search Parameters

Search Parameters	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	All
Orders	All
Spills	All
Investigations/prosecutions ► Owner and tenant information must be provided	All
Waste Generator number/classes	All

Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.

4. Environmental Compliance Approvals/Certificates of Approval

Environmental Compliance Approvals/Certificates of Approval	SD	Specify Year(s) Requested
air - emissions	☑	1986 to Present
renewable energy	☑	1986 to Present
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	☑	1986 to Present
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	☑	1986 to Present
waste water - industrial discharge	☑	1986 to Present
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	☑	1986 to Present
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	☑	1986 to Present

Proponent information must be provided and Environmental Compliance Approval/Certificate of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of $300.00 may be incurred, depending on the types and years to be searched. Specify Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.

Appendix F

Technical Standards and Safety Authority Correspondence

Luke Lopers

From: Public Information Services <publicinformationservices@tssa.org>
Sent: August 16, 2021 9:51 AM
To: Luke Lopers
Subject: RE: LOP21-018 - TSSA Records Search Request - Environmental Research

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 Luke,

Thank you for your request for confirmation of public information.

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

INSTANCE NUMBER	ADDRESS	CITY	PROVINCE	POSTAL CODE	STATUS	FACILITY/
10902117	265 CATHERINE ST	OTTAWA	ON	K1R 7S5	INACTIVE	FS LIQUID
64922549	265 CATHERINE ST	OTTAWA	ON	K1R 7S5	ABANDONED	FS LIQUID
64922550	265 CATHERINE ST	OTTAWA	ON	K1R 7S5	ABANDONED	FS LIQUID
9413798	265 CATHERINE ST	OTTAWA	ON	K1R 7S5	EXPIRED	FS PRIVAT
9569160	265 CATHERINE ST	OTTAWA	ON	K1R 7S5	ABANDONED	FS GASOLI

INSTANCE NUMBER	ADDRESS	CITY	PROVINCE	POSTAL CODE	STATUS	FACILITY/DEVICE
10902127	270 CATHERINE ST	OTTAWA	ON	K1R 5T3	EXPIRED	FS LIQUID FUEL TANK
11328928	270 CATHERINE ST	OTTAWA	ON	K1R 5T3	EXPIRED	FS LIQUID FUEL TANK
11328947	270 CATHERINE ST	OTTAWA	ON	K1R 5T3	EXPIRED	FS LIQUID FUEL TANK
11328969	270 CATHERINE ST	OTTAWA	ON	K1R 5T3	EXPIRED	FS LIQUID FUEL TANK
9527914	270 CATHERINE ST	OTTAWA	ON	K1R 5T3	EXPIRED	FS GASOLINE STATION -

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 publicinformationservices@tssa.org along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

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

Kind regards,

Mariah

Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Luke Lopers <Luke@lopers.ca>
Sent: August 14, 2021 10:39 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: LOP21-018 - TSSA Records Search Request - Environmental Research

Good morning,

Could you please search the TSSA database for records of fuel storage tanks, spills, incidents or infractions for the following addresses located in the City of Ottawa, ON:

- 240, 258, 265, 270, 280, 288 Catherine Street
- 28 Arlington Avenue

Thank you for your time,

Luke Lopers, P.Eng.
Principal
LOPERS & ASSOCIATES
Cell: 613-327-9073 Email: Luke@Lopers.ca
30 Lansfield Way, Ottawa, Ontario K2G 3V8

Strata ENVIRONMENTAL

October 30, 2018

Mr. David Barclay
Ontario Technical Standards and Safety Authority
14th Floor, Center Tower
3300 Bloor Street West
Toronto, Ontario M8X 2 X4

transmitted via email
dbarclay@tssa.org

Storage Tank Notice of Violation (2018) Response
Greyhound Lines, Inc. #124776A – Ottawa, Ontario
Strata Environmental Project Number 0038409

Dear Mr. Barclay:

In response to the Inspection Report issued to the Greyhound Lines, Inc. (Greyhound) facility located at 265 Catherine Street, Ottawa, Ontario on August 7, 2018 by the Ontario Technical Standards and Safety Authority (TSSA), below is a summary of the violations identified and the associated corrective actions.

Violation		**Corrective Action**
77333 4-2	Corrosion protection system was not operational for the diesel underground storage tank.	Variance from installation of corrosion protection granted by the TSSA on October 12, 2018. Variance approval included as **Attachment A**.
77333 4-3	Corrosion protection system was not operational for piping associated with the diesel underground storage tank.	Variance from installation of corrosion protection granted by the TSSA on October 12, 2018. Variance approval included as **Attachment A**.
77333 4-5	Vehicular protection was not provided for the vent pipe.	Collision bollards were installed in the vent pipe area. Photograph of the bollard installation is included as **Attachment B**.
77333 4-6	Dispenser is not installed on a pump island or on a support structure that is protected from vehicular impact.	Collision bollards were installed at the pump island. Photograph of the bollard installation is included as **Attachment B**.
77333 4-7	Dispenser is not 4.5 meters from the building opening.	Variance from relocation of dispenser granted by the TSSA on October 12, 2018. Variance approval included as **Attachment A**.
77333 4-8	"No Smoking" Signage did not meet guidelines.	"No Smoking" Signage was installed at the pump island. Photograph of the signage is included as **Attachment B**.
77333 4-9	The annual report regarding the maintenance and testing of the shear valves and leak detection system was not available for review.	Based on the evaluation of the fueling system by Claybar Contracting, Inc., the contractor identified that there was a union check under the pump. There is not a shear valve beneath the pump. The contractor stated that a leak detection sensor is located under the pump that consists of a standalone sensor that is operating properly (i.e., the pump shuts off when the sensor was inverted). There are no other electronic leak detection systems present on-site.
77333 4-10	Corrosion protection system testing for the diesel underground storage tank had not been conducted.	Variance from installation of corrosion protection granted by the TSSA on October 12, 2018. Variance approval included as **Attachment A**.
77333 4-10	The precision leak test report for the underground petroleum storage tank and piping system were not available for review.	The Precision Leak Test Report is included as **Attachment C**.

If you have any questions or require any additional information, please contact the undersigned at 865/539-2077 or via email at ncutshall@strataenv.com.

Sincerely,

STRATA ENVIRONMENTAL

Nan D. Cutshall

Nan D. Cutshall, PE
Principal Engineer

NDC:ndc

Enclosures

cc (w/Enclosures): Craig Leake, Senior Director of Property Projects, Greyhound Lines, Inc.
Susan Kirkpatrick, SEPPM, FirstGroup America

ATTACHMENT A
VARIANCE APPROVAL

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

October 12, 2018 VIA EMAIL
File: SR 2395192

SUSAN KIRKPATRICK
GREYHOUND LINES, INC
600 VINE ST UNIT 1400
CINCINNATI 45202
US
susan.kirkpatrick@firstgroup.com

Dear SUSAN KIRKPATRICK,

Re: Application for a Variance from Clause 4.5.1.7 & 5.1.1(c) of the Liquid Fuels Handling Code, Technical Standards & Safety Act R.S.O. 2000 for 265 CATHERINE ST OTTAWA

Greyhound Lines Inc. has a 45,400 litre diesel underground fueling system at the above location. Greyhound requested variances for the following issues:

1) The cathodic protection system for the underground piping requires repairs. Costs for repairs range from $12,400.00 (for a Sacrificial System) to $22,000.00 (for an Impressed Current System). Since the fueling system is scheduled for removal by the end of April 2019 (approximately), Greyhound Lines, Inc. would like to request a variance to continue to use the fueling system in lieu of completing repairs to the cathodic protection system.

   To support this request, Greyhound has submitted two precision leak detection reports dated July 27, 2017 and August 30, 2018 showing that both the tank and line passed.

2) The diesel dispenser is located 2 meters from the building opening, instead of the 4.5 m required by the code.

   The Liquid Fuels Handling Code 2017 states the dispenser location as 4.5 m from any opening in a building without consideration for the type of fuel dispenser or the training of the people doing the fueling. The distance is to protect the public, when using gasoline fueling facilities or entering/exiting retail site stores.

   In this instance, the fuel is diesel only. Since diesel flash point is 40° C or higher, it is unlikely that any spill will result in an air atmosphere containing 1400 ppm diesel vapours (10% of the Lower Explosive Limit) which is considered safe for inspections and cold work. The location is at a bus maintenance facility where the door is used by maintenance personnel only, not the public. Fueling is done by maintenance staff trained to fuel buses and respond to leaks or spills. There are no other fueling operations in the vicinity so the person fueling is dedicated to that one activity. The actual fueling point, where the diesel is transferred into the bus fuel tank, is much greater than 4.5 m away from the building opening.

Based on the above, your variance application dated September 5, 2018, has been approved until September 30, 2019. At that time, Greyhound shall decommission the underground tank system and submit an environmental report to TSSA.

Please be advised that this variance will not take effect until 15 days from the date of posting the decision on the environmental registry. This decision of the Director is subject to a right of appeal, under the Environmental Bill of Rights, if such an appeal is filed within 15 days from date of posting. In the event an appeal is filed, this decision of the director may be subsequently stayed, disallowed or significantly altered. Notice of an appeal will be placed on the Environmental Bill of Rights registry.

This variance is allowed under the authority of subsection 36.(3)(c) of the *Technical Standards and Safety Act, 2000*, (the "Act") and subject to such conditions as may be specified herein, being that:

- Non-conformity with the conditions specified shall thereby cause the allowed variance to become null and void;
- The applicant accepts full responsibility for any and all damages resulting from the use of the thing to which the variance applies. The applicant further accepts full responsibility for any impacts to the health and safety of any person in consequence of the allowance of the variance or of non-conformity with the conditions specified. The Technical Standards and Safety Authority accepts no responsibility for any such damages or impacts;
- In the event of any claims against the Technical Standards and Safety Authority arising from allowance of the variance or non-conformity with the conditions specified, the applicant agrees to indemnify the Technical Standards and Safety Authority and agrees to hold it harmless from such claims and attendant costs;
- The variance process is subject to public access under the TSSA Access and Privacy Code (available upon request). The fact that a variance has been granted, and information about any public conditions, such as a requirement to post a sign, may be released on request. Subject to law and the TSSA Access and Privacy Code, proprietary information will not be subject to release;
- The applicant shall pay the fee associated with the review of the variance; and
- A copy of the variance letter shall always be kept readily available and permanently legible in the vicinity of the appliance/equipment.

This variance only relates to the Act and regulations made thereunder and does not exempt you from compliance with other applicable regulatory requirements. The installation will be subject to an inspection to ensure compliance with the terms of the variance.

Should you have any questions or require further assistance, please contact Ann-Marie Barker at 416.734.3354, or by e-mail at abarker@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

John R. Marshall
Director, Fuels Safety Program

c. David Barclay, TSSA, dbarclay@tssa.org

ATTACHMENT B
CORRECTIVE ACTION PHOTOGRAPHS

PUMP ISLAND BEFORE INSTALLATION OF BOLLARDS AND "NO SMOKING" SIGNAGE	PUMP ISLAND AFTER INSTALLATION OF BOLLARDS AND "NO SMOKING" SIGNAGE
	
VENT AREA AFTER INSTALLATION OF BOLLARDS	**SENSOR LOCATED BENEATH DISPENSER**
	

ATTACHMENT C
PRECISION LEAK TEST REPORT

Precision Tank Test Report

Client Number	Test Date	Order Number
13386	8/30/2018 12:32:49 PM	89657

Invoice Information	Location Information
Name: Mansfield Oil Company Address: 1025 Airport Parkway S. W. City: Gainesville Province: GA Postal Code: 30501 Contact: Michelle Cleghorn-young Phone: 678-450-2125	Name: Ottawa Bus Terminal ID: 14050-1 Address: 265 Catherine St. City: Ottawa Province: ONTARIO Postal Code: K1R 7S5 Contact: Marc Jeannotte Phone: 613-794-3771

Unit Number	Technician Number	Certification Number	P.O. Number
116	442	FSC 2008 00758571	104677

Tank Test Results

Tank ID	Tank Product	Tank Capacity (Litres)	AST Mass Test Result Pass/Fail	SIR Test Results Pass/Fail	A4 Liquid Test Result Pass/Fail	U3 Ullage Test Result Pass/Fail	Vacutect Test Result Pass/Fail
T1D	CLEAR DIESEL	45400	N/A	N/A	N/A	N/A	PASS

Note: Original data recordings have been reviewed by Tanknology's Quality Assurance Department and are maintained on file. Please refer to the site diagram for equipment location and identification.

Although this report does not hold the author's handwritten signature, it is considered a valid document and any concerns with respect to its authenticity should be directed to our quality control department.

TANKNOLOGY Canada

A Division of Englobe Corp.
1800 Appleby Line - Unit 4 - Burlington - Ontario - L7L 6A1
Tel: (800) 465-1577 Fax: (905) 681-6473
http://www.tanknology.ca

Precision Line Test Report

Client Number	Test Date	Order Number
13386	8/30/2018 12:33:10 PM	89657

Invoice Information	Location Information
Name: Mansfield Oil Company Address: 1025 Airport Parkway S. W. City: Gainesville Province: GA Postal Code: 30501 Contact: Michelle Cleghorn-young Phone: 678-450-2125	Name: Ottawa Bus Terminal ID: 14050-1 Address: 265 Catherine St. City: Ottawa Province: ONTARIO Postal Code: K1R 7S5 Contact: Marc Jeannotte Phone: 613-794-3771

Unit Number	Technician Number	Certification Number	P.O. Number
116	442	FSC 2008 00758571	104677

Line Test Results

Line ID	Line Product	Delivery System Type	Final Leak Rate	Test Results Pass/Fail
L1AD	CLEAR DIESEL	suction	Less than the detection threshold of the test.	PASS

Note: Original data recordings are reviewed by Tanknology's Quality Assurance Department and are maintained on file. Please refer to the site diagram for equipment location and identification.

Although this report does not hold the author's handwritten signature, it is considered a valid document and any concerns with respect to its authenticity should be directed to our quality control department.

TANKNOLOGY Canada
A Division of Englobe Corp.
1800 Appleby Line - Unit 4 - Burlington - Ontario - L7L 6A1
Tel: (800) 465-1577 Fax: (905) 681-6473
http://www.tanknology.ca

Englobe
TANKNOLOGY

Certificate of Tightness
for
Tank & Line Systems

This certificate indicates that on the date shown there was no evidence of a leak greater than 0.38 L/h of product out of, or of water or product into, the specific tank (s) and or line (s) designated below. The leak detection methods or combination of methods employed by Tanknology to determine tank and line tightness meet or exceed the precision test requirements of one of the following:

· ULC / ORDC58.12-1992
· EPA/530/UST-90/004
· ULC / ORDC58.14-1992
· EPA/530/UST-90/005
· ULC / ORDC107.12-1992
· EPA/530/UST-90/010

☐ **Tanks Only** ☐ **Lines Only** ☑ **Tanks & Lines**

Order Number: 89657
Test Date: 08/30/2018
Tank Location 265 Catherine St. , Ottawa , ONTARIO
Data Collected by: Joey Rivers (FSC 2008 00758571)

Equipment ID	Product	Capacity (Litres)	Test Result
L1AD	CLEAR DIESEL	N/A	PASS
T1D	CLEAR DIESEL	45400	PASS

GENERAL COMMENTS:

Although this report does not hold the author's handwritten signature, it is considered a valid document and any concerns with respect to its authenticity should be directed to our quality control department.

Note: Original data recordings have been reviewed by Tanknology's Quality Assurance Department and are maintained on file. Please refer to the site diagram for equipment location and identification.

Strata ENVIRONMENTAL

Nan Cutshall <ncutshall@strataenv.com>

Inspection Response - 265 Catherine St; Ottawa (Voyageur Corp) Petroleum Facility

1 message

Nan Cutshall <ncutshall@strataenv.com> Tue, Oct 30, 2018 at 8:31 AM
To: dbarclay@tssa.org
Cc: wayne.binda@greyhound.ca, "Kirkpatrick, Susan" <Susan.kirkpatrick@firstgroup.com>, "Leake, Craig (US)" <Craig.Leake@greyhound.com>

Inspection Number: 7072105

Mr. Barclay:

In response to the Inspection Report issued to the **Greyhound Lines, Inc.** facility located at **265 Catherine Street**, **Ottawa**, **Ontario** on 08/07/2018, attached is a summary of the violations identified and the associated corrective actions completed.

If you have any questions or require any additional information, please contact me at your convenience.

Thank you for all of your assistance with this matter.

Nan D. Cutshall, PE
Principal Engineer

Strata ENVIRONMENTAL

110 Perimeter Park, Suite E
Knoxville, Tennessee 37922
(P) 865.539.2077
(F) 865.539.3970
(C) 865.250.6165
Email: ncutshall@strataenv.com

7072105 Greyhound 265 Catherine Street Ottawa Response.pdf
722K

Strata ENVIRONMENTAL

September 5, 2018

Ontario Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9

transmitted via email
fssubmissions@tssa.org

Storage Tank Notice of Violation Variance Application
Greyhound Lines, Inc. #124776A – Ottawa, Ontario
Strata Environmental Project Number 0038409

Dear Staff Member:

In response to the enclosed Inspection Report (Attachment A) issued to the Greyhound Lines, Inc. (Greyhound) facility located at 265 Catherine Street, Ottawa, Ontario, Greyhound respectfully requests consideration of a variance to address the corrosion protection system associated with the underground piping and relocation of the dispenser. All equipment is associated with a 45,400 liter diesel underground fueling system. Greyhound intends to replace the underground fueling system with an aboveground fueling system prior to April 26, 2019.

Supporting documentation includes the following:

- Application for Variance/Deviation (Attachment B)
- Precision Tank and Line Test Reports for 2017 and 2018 as Greyhound has exceeded the 12 months from cathodic protection test failure (Attachment C)
- Survey provided by Petroleum Technical Services regarding the dispenser relocation (Attachment D)

If you have any questions or require any additional information, please contact the undersigned at 865/539-2077 or via email at ncutshall@strataenv.com.

Sincerely,

STRATA ENVIRONMENTAL

Nan D. Cutshall

Nan D. Cutshall, PE
Principal Engineer

NDC:ndc

cc: Craig Leake, Senior Director of Property Projects, Greyhound Lines, Inc.
Susan Kirkpatrick, SEPPM, FirstGroup America

ATTACHMENT A
INSPECTION REPORT

TECHNICAL STANDARDS and SAFETY AUTHORITY

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**1933110**
Inspection Report #	**7072105**

Inspection Address: **265 CATHERINE ST** **OTTAWA;ON** **CA K1R 7S5**	Reference Number(s):	Inspection Completion Date: **AUG 07, 2018**
	Facility Type: **FS Gasoline Station - Full Serve**	Equipment Type:
Customer Name and Address: **VOYAGEUR CORP** **2105 BANTREE ST** **OTTAWA;ON** **CA K1B 4X3**	Task Type: FS-Follow up LF Inspect	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Orders Issued To: VOYAGEUR CORP

Line	Reference and Order(s)	Compliance Date
773334-2	Liquid Fuels Handling Code 2007. 2.3.2.1 An impressed current corrosion protection system shall be interlocked such that if the corrosion protection system is turned off or bypassed, an audible and/or visible alarm will activate to alert the attendant of the situation. The alarm shall be located in an area frequented by an attendant.	SEP 07, 2018
773334-3	Liquid Fuels Handling Code 2007. 4.5.1.7 Except for vent lines and vertical fill pipes, steel piping in direct contact with backfill shall be provided with corrosion protection in accordance with CAN/ULC-S603.1 or provided with an impressed current cathodic protection system.	SEP 07, 2018
773334-5	Liquid Fuels Handling Code 2017 Clause 4.3.1.7 Vent pipes, except for emergency vents on aboveground tanks, shall (a) be provided with a weatherproof hood; (b) terminate in open air (i) not less than 2 m above grade level for Class II products, and not less than 3.5 m above grade level for Class I products; (ii) outside buildings, such that fumes from the vent cannot enter or be drawn into any building through a window, door, or other opening, including air intakes; and (iii) at a distance of at least 6 m horizontally from truck loading or parking facilities, or other likely sources of ignition, when venting Class I product tanks located in bulk plants or at railway tank car unloading facilities; (c) be firmly supported and protected; (d) when venting Class I product, be located to minimize the impact of gasoline vapours on people, structures, and mechanical equipment; (e) comply with the distances specified in Table 3; and (f) not enter a building. The following Order is issued January 3rd, 2017. TSSA Inspection has determined this facility does not comply with this code (missing vehicular protection for vent pipe). You are hereby Ordered to make the necesssary correction by the compliance date issued.	SEP 07, 2018
773334-6	Liquid Fuels Handling Code 2007. 4.6.2 Dispensing equipment at a facility shall be installed on a pump island or on a support structure that is protected from vehicle impact. The following Order is issued January 3rd, 2018. TSSA Inspection has determined this facility does not comply with this code (dispenser is not installed on a pump island or on a support structure that is protected from vehicular impact). You are hereby Ordered to make the necessary correction by the compliance date issued.	SEP 07, 2018

Customer Signature & Position / Date:		**Inspector Name:** Barclay, David	**Inspector Contact Number:** 613-808-2727
Report Received By: Wayne Bilda via: wayne.binda@greyhound.ca	**Customer Contact Number:** (613) 238-2172	**Inspector Email**: dbarclay@tssa.org	**Inspector Fax**: 647-789-2129

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**1933110**
Inspection Report #	**7072105**

Inspection Address: **265 CATHERINE ST** **OTTAWA;ON** **CA K1R 7S5**	Reference Number(s):	Inspection Completion Date: **AUG 07, 2018**
	Facility Type: **FS Gasoline Station - Full Serve**	Equipment Type:
Customer Name and Address: **VOYAGEUR CORP** **2105 BANTREE ST** **OTTAWA;ON** **CA K1B 4X3**	Task Type: FS-Follow up LF Inspect	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

77333 4-7	Liquid Fuels Handling Code 2017 Clause 5.1.1 Product at a facility shall be dispensed by pumping, and the dispensing equipment shall be located not less than (a) 3 m from a property line; (b) 3 m from any highway as defined in the Highway Traffic Act; (c) 4.5 m from any opening in a building; and (d) 1 m from a building. The following Order is issued January 3rd, 2018. TSSA Inspection has determined this facility does not comply with this code (dispenser is not 4.5 meters from the building opening). You are hereby Ordered to make the necessary correction by the compliance date issued.	SEP 07, 2018
77333 4-8	Liquid Fuels Handling Code 2017 Clause 6.2.1 At every dispensing facility there shall be installed signage that is visible to all persons as they approach the dispensing location. The signage shall (a) be not less than 20 cm × 28 cm in size; and (b) display (i) NO SMOKING - TURN IGNITION OFF in black letters at least 25 mm in height on a yellow background; or (ii) the international no smoking and ignition off symbols in red and black at least 10 cm in diameter on a white background. The following Order is issued January 3rd, 2017. TSSA Inspection has determined this facility does not comply with this code (No Smoking signage does not meet the guidelines listed above). You are hereby Ordered to make the necessary correction by the compliance date issued.	SEP 07, 2018
77333 4-9	Liquid Fuels Handling Code 2017 Clause 4.6.9 Shear valves and leak detection systems shall be maintained and tested at least once per year or in accordance with the manufacturer's instructions and a written record of the maintenance and testing shall be retained. The following Order is issued August 3rd, 2018. During this Inspection a copy of the petroleum contractor's annual report regarding the maintenance and testing of the Shear valves and Leak detection system was not available for review by this Inspector. Pursuant to my Authority under Section 21(1) of the Technical Standards and Safety Act, 2000, s.o. 2000, I order you to comply with the above Order and provide a copy of your petroleum contractor's annual report to this Inspector for review, regarding the maintenance and testing of the Shear valve and Leak detection system by the compliance date issued.	SEP 07, 2018
77333 4-10	Liquid Fuels Handling Code 2017 Clause 2.3.1.2 The corrosion protection system for an underground storage tank system shall be tested and certified in writing to be in working order at intervals not exceeding 2 years by a professional engineer, by a person with the appropriate NACE certification, or where CAN/ULC-S603.1 cathodic protection is used, by a person holding a valid OPCA cathodic protection tester certificate.	SEP 07, 2018

Customer Signature & Position / Date:		**Inspector Name:** Barclay, David	**Inspector Contact Number:** 613-808-2727
Report Received By: Wayne Bilda via: wayne.binda@greyhound.ca	**Customer Contact Number:** (613) 238-2172	**Inspector Email**: dbarclay@tssa.org	**Inspector Fax**: 647-789-2129

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**1933110**
Inspection Report #	**7072105**

Inspection Address: **265 CATHERINE ST** **OTTAWA;ON** **CA K1R 7S5**	Reference Number(s):	Inspection Completion Date: **AUG 07, 2018**
	Facility Type: **FS Gasoline Station - Full Serve**	Equipment Type:
Customer Name and Address: **VOYAGEUR CORP** **2105 BANTREE ST** **OTTAWA;ON** **CA K1B 4X3**	Task Type: FS-Follow up LF Inspect	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

	The following Order is issued August 3rd, 2018. During this inspection a copy of the testing of the corrosion protection system regarding the underground petroleum storage tank and piping was not available for review by this Inspector. Pursuant to my Authority under Section 21(1) of the Technical Standards and Safety Act, 2000, s.o. 2000, I order you to comply with the above Order and provide this Inspector a copy of the report from your petroleum contractor regarding the testing of the corrosion protection system of the underground petroleum storage tank and piping system conducted within the past 2 years.	
773334-11	Liquid Fuels Handling Code 2017 Clause 7.3.1 Every storage tank, piping system, and sump shall be tested and monitored for leaks in accordance with Tables 3 to 7, which specify the minimum requirements for the frequency and methods for (a) commissioning testing; (b) subsequent in-service monitoring; and (c) testing when a leak is suspected. The following Order is issued August 3rd; 2018. During this Inspection a copy of the petroleum contractor's report regarding the precision leak test conducted on the underground petroleum storage tank and piping system within the past 2 years was not available for review by this Inspector. Pursuant to my Authority under Section 21(1) of the Technical Standards and Safety Act, 2000, s.o. 2000, I order you to comply with the above Order and provide to this Inspector a copy of the petroleum contractor's inspection report conducted within the past 2 years, regarding the precision leak testing of the underground petroleum storage tank and piping system, by the compliance date issued.	SEP 07, 2018
773334-12	Technical Standards and Safety Act. 37 (1) - Offences Every person who, (a) contravenes or fails to comply with any provision of this Act, the regulations or a Minister's order; (b) knowingly makes a false statement or furnishes false information under this Act, the regulations or a Minister's order; (c) contravenes or fails to comply with a term or condition of an authorization; (d) contravenes or fails to comply with an order or requirement of a director or an inspector, or obstructs an inspector, is guilty of an offence and on conviction is liable to a fine of not more than $50,000 or to imprisonment for a term of not more than one year, or to both, or, if the person is a body corporate, to a fine of not more than $1,000,000. 2000, c. 16, s. 37 (1); 2009, c. 28, s. 14 (1).	SEP 07, 2018

Customer Signature & Position / Date:		**Inspector Name:** Barclay, David	**Inspector Contact Number:** 613-808-2727
Report Received By: Wayne Bilda via: wayne.binda@greyhound.ca	**Customer Contact Number:** (613) 238-2172	**Inspector Email**: dbarclay@tssa.org	**Inspector Fax**: 647-789-2129

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**1933110**
Inspection Report #	**7072105**

Inspection Address: **265 CATHERINE ST** **OTTAWA;ON** **CA K1R 7S5**	Reference Number(s):	Inspection Completion Date: **AUG 07, 2018**
	Facility Type: **FS Gasoline Station - Full Serve**	Equipment Type:
Customer Name and Address: **VOYAGEUR CORP** **2105 BANTREE ST** **OTTAWA;ON** **CA K1B 4X3**	Task Type: FS-Follow up LF Inspect	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Task Notes

TSSA Inspector David Barclay travelled to 265 Catherine St; Ottawa (VOYAGEUR CORP) on August 3rd; 2018 to conduct a follow up inspection of the petroleum facility regarding Orders issued Jan. 3rd, 2018.

Consulted with Mr. Wayne Binda - District Manager while on site to verify compliance with Orders. During this Inspection it was discovered that none of the Orders issued have been complied with. A compliance date of August 1st, 2018 was issued after receiving information by email on January 3rd, 2018 from Nan Cutshall - Principal Engineer with Strata Environmental who indicated that the replacement of the piping system was tentatively scheduled for summer 2018.

This Inspector has received an email from Nan Cutshall on August 6th, 2018 requesting a Variance regarding the corrosion protection system associated with the underground fueling system. You may apply for a Variance with TSSA Engineering by completing and submitting a Variance application. Please contact Ann Marie Barker at abarker@tssa.org for more information regarding a Variance. A Modification application to remove the existing underground piping/ petroleum storage tank and install an aboveground petroleum facility is required to be submitted and approved by TSSA before any construction is to begin.

The existing code infractions must be resolved by the new compliance date issued of September 7, 2018. The report your petroleum contractor provides regarding the Precision Leak testing of the petroleum facility's underground storage tank and piping system will confirm whether or not the system is leak tight and may remain in the ground until your planned facility modification of April 26, 2019.

Cost recovery fees will be billed to the above named client by Authority of Section 19 of the TSSAct, 2011 and according to TSSA billing policy.

Pursuant to my Authority under Section 21(1) of the Technical Standards and Safety Act, 2000, s.o. 2000, I order you to comply with the above Orders.

Standard Notes

Every person who,(a) contravenes or fails to comply with any provision of this Act, the regulations or a Minister's order;(b) knowingly makes a false statement or furnishes false information under this Act, the regulations or a Minister's order;(c) contravenes or fails to comply with a term or condition of an authorization;(d) contravenes or fails to comply with an order or requirement of an inspector or obstructs an inspector,is guilty of an offence and on conviction is liable to a fine of not more than $50,000 or to imprisonment for a term of not more than one year, or to both, or, if the person is a body corporate, to a fine of not more than $1,000,000.(Technical Standards and Safety Act, 2000, Section 37 (1))

Every person who,(a) contravenes or fails to comply with any provision of this Act, the regulations or a Minister's order;(b) knowingly makes a false statement or furnishes false information under this Act, the regulations or a Minister's order;(c) contravenes or fails to comply with a term or condition of an authorization;(d) contravenes or fails to comply with an order or requirement of an inspector or obstructs an inspector,is guilty of an offence and on conviction is liable to a fine of not more than $50,000 or to imprisonment for a term of not more than one year, or to both, or, if the person is a body corporate, to a fine of not more than $1,000,000.(Technical Standards and Safety Act, 2000, Section 37 (1))

Customer Signature & Position / Date:		**Inspector Name:** Barclay, David	**Inspector Contact Number:** 613-808-2727
Report Received By: Wayne Bilda via: wayne.binda@greyhound.ca	**Customer Contact Number:** (613) 238-2172	**Inspector Email**: dbarclay@tssa.org	**Inspector Fax**: 647-789-2129

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

TECHNICAL STANDARDS and SAFETY AUTHORITY

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Toll free 1-877-682-8772
www.tssa.org

FS Inspection Report

Service Request #	**1933110**
Inspection Report #	**7072105**

Inspection Address: **265 CATHERINE ST** **OTTAWA;ON** **CA K1R 7S5**	Reference Number(s):	Inspection Completion Date: **AUG 07, 2018**
	Facility Type: **FS Gasoline Station - Full Serve**	Equipment Type:
Customer Name and Address: **VOYAGEUR CORP** **2105 BANTREE ST** **OTTAWA;ON** **CA K1B 4X3**	Task Type: FS-Follow up LF Inspect	
	The facility/equipment is inspected in accordance with Ontario's Technical Standards & Safety Act and the appropriate regulations and codes. When an Inspector's order is issued, time limits for compliance reflect the severity of the violation and serve to avoid disruption of service.	

Customer Signature & Position / Date:		**Inspector Name:** Barclay, David	**Inspector Contact Number:** 613-808-2727
Report Received By: Wayne Bilda via: wayne.binda@greyhound.ca	**Customer Contact Number:** (613) 238-2172	**Inspector Email**: dbarclay@tssa.org	**Inspector Fax**: 647-789-2129

As a not-for-profit regulatory authority, TSSA operates on a cost recovery basis. An Invoice will be issued for the Total Charges Incurred.
(Note: This is not an invoice)

ATTACHMENT B
APPLICATION FOR VARIANCE/DEVIATION

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: 416.734.3300
Fax: 416.231.4078
Customer Service: 1.877.682.8772
E-mail: fssubmissions@tssa.org
www.tssa.org

Application for a Variance/Deviation

Technical Standards and Safety Act
Fuels Safety Regulations

Please submit completed application and supporting documentation by mail, fax, or email (in pdf format).

For Office Use Only

Check applicable box(es)

- ☐ Bio-Gas
- ☐ Digester Gas
- ☑ Fuel Oil
- ☐ Gasoline
- ☐ Landfill
- ☐ Natural Gas
- ☐ Propane
- ☐ Other _____

Code: _____ Clause: _____

Is this a field development project? ☐ Yes ☑ No

Equipment/Appliance/Component involved. 45,400 liter diesel underground storage tank

Make	Model	Serial No.

Reason for request and proposed method of equivalent safety (submit separate letter if required). Request for variance to replace piping and to relocate dispenser. Fuel system (including piping and dispenser) will be removed by 04/30/2019. Fuel system will be replaced with an aboveground storage tank system. Refer to Inspection Report issued by David Barclay of TSSA on 08/07/2018 (Service Request #1933110 / Inspection Report #7072105).

A. OWNER OF APPLIANCE, EQUIPMENT OR INSTALLATION

Company Name: Greyhound Lines, Inc.		Corporation No.:	
Street Name / 911 Number/Address, if applicable: 600 Vine Street			
Unit/Suite: Suite 1400	PO Box:		
City/Town: Cincinnati	Province: Ohio	Postal Code: 45202	
Telephone No.: 513-419-8639	Fax No.:	Cell No.: 513-400-2431	
Email: susan.kirkpatrick@firstgroup.com			
Print Name of Contact Person: Susan Kirkpatrick, Senior Environmental Project and Program Manager			

B. LOCATION ADDRESS

Same as: ☐ A

(Where appliance/equipment is to be installed/inspected. Note this must be a delivery or fire route address.)

Company Name: Greyhound Lines, Inc. #124776A (part of the Voyageur Corporation Property)			
Street Name / 911 Number/Address, if applicable: 265 Catherine Street			
Unit/Suite:			
City/Town: Ottawa	Province: Ontario	Postal Code: K1R 7S5	
Telephone No.: 613-238-2172	Fax No.: 613-563-7105	Cell No.: 204-997-5592	
Email: ross.swartz@greyhound.ca			
Print Name of Contact Person: Ross Swartz, Region Maintenance Manager			

C. TECHNICAL CONTACT

Same as: ☐ A ☐ B ☐ D

(Company we should communicate with regarding engineering and inspection approval on behalf of the owner.)

Company Name: Strata Environmental			
Street Name / 911 Number/Address, if applicable: 110 Perimeter Park			
Unit/Suite: Suite E	PO Box:		
City/Town: Knoxville	Province: Tennessee	Postal Code: 37922	
Telephone No.: 865-539-2077	Fax No.: 865-539-3970	Cell No.: 865-250-6165	
Email: firstgroup@strataenv.com			
Print Name of Contact Person: Nan D. Cutshall, PE			

Note: It is illegal to use an appliance, equipment, or work for its intended purpose unless it is approved.
Please note that this approval may be revoked or suspended if the relevant review and inspection fees are not paid in full.

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: 416.734.3300
Fax: 416.231.4078
Customer Service: 1.877.682.8772
E-mail: fssubmissions@tssa.org
www.tssa.org

Application for a Variance/Deviation

Technical Standards and Safety Act
Fuels Safety Regulations

Location Address: 265 Catherine Street, Ottawa, Ontario K1R 7S5

D. INVOICEE
(Company responsible for fees invoiced for approval including engineering and inspection fees.)

Company Name: Strata Environmental			
Street Name / 911 Number/Address, if applicable: 110 Perimeter Park			
Unit/Suite: Suite E	PO Box:		
City/Town: Knoxville	Province: Tennessee	Postal Code: 37922	
Telephone No.: 865-539-2077	Fax No.: 865-539-3970	Cell No.: 865-250-6165	
E-mail: firstgroup@strataenv.com			
Print Name of Contact Person: Nan D. Cutshall, PE	Signature of Contact Person: Nan D. Cutshall		

Date of Application (dd-mmm-yyyy): 09/05/2018

FEES FOR ENGINEERING REVIEW AND INSPECTION

Check box to request type of service.

☐ **Regular Service:** 20-30 working days for engineering and inspection services.
Standard Fee: $169.50 (13% HST included) per hour for engineering review and inspection services.

☑ **Rush Engineering Service Only:** 5 to 10 working days.
Fee: 2 x Standard fee for engineering review.

☐ **Rush Engineering and Inspection Services:** 5 to 10 working days for each service.
Fee: 2 x Standard fee for engineering review and inspection services.

Legal Disclaimer - The owner agrees to indemnify and hold harmless the Technical Standards and Safety Authority, its employees, agents, successors and assigns from any and all damages, actions, suits, claims or loss arising from the granting of this variance. In the event of claims made against TSSA arising from the granting of this variance, the owner accepts, on demand, to defend such actions on behalf of TSSA and to assume any costs, legal or otherwise, for the defence or settlement of such claims. Failure to comply with any of the terms and conditions of the variance voids the variance.

Deposit Payment Method

Deposit of $593.25 (13% HST included) must accompany each application. Invoice will only be issued for the amount billed over and above the deposit.

HST Registration No.: 891131369

Purchase Order No. 0038409 124776A Purchase Order number will be reflected on invoices and TSSA will not enter into any purchasing agreements.

☐

Card No. _____ _____

Name of Card Holder _____ Telephone No. _____
First Name *Last Name*

ATTACHMENT C
PRECISION TANK AND LINE TEST REPORTS

Precision Tank Test Report

Client Number	Test Date	Order Number
13386	8/30/2018 12:32:49 PM	89657

Invoice Information	Location Information
Name: Mansfield Oil Company Address: 1025 Airport Parkway S. W. City: Gainesville Province: GA Postal Code: 30501 Contact: Michelle Cleghorn-young Phone: 678-450-2125	Name: Ottawa Bus Terminal ID: 14050-1 Address: 265 Catherine St. City: Ottawa Province: ONTARIO Postal Code: K1R 7S5 Contact: Marc Jeannotte Phone: 613-794-3771

Unit Number	Technician Number	Certification Number	P.O. Number
116	442	FSC 2008 00758571	104677

Tank Test Results

Tank ID	Tank Product	Tank Capacity (Litres)	AST Mass Test Result Pass/Fail	SIR Test Results Pass/Fail	A4 Liquid Test Result Pass/Fail	U3 Ullage Test Result Pass/Fail	Vacutect Test Result Pass/Fail
T1D	CLEAR DIESEL	45400	N/A	N/A	N/A	N/A	PASS

Note: Original data recordings have been reviewed by Tanknology's Quality Assurance Department and are maintained on file. Please refer to the site diagram for equipment location and identification.

Although this report does not hold the author's handwritten signature, it is considered a valid document and any concerns with respect to its authenticity should be directed to our quality control department.

TANKNOLOGY Canada

A Division of Englobe Corp.
1800 Appleby Line - Unit 4 - Burlington - Ontario - L7L 6A1
Tel: (800) 465-1577 Fax: (905) 681-6473
http://www.tanknology.ca

Precision Line Test Report

Client Number	Test Date	Order Number
13386	8/30/2018 12:33:10 PM	89657

Invoice Information	Location Information
Name: Mansfield Oil Company Address: 1025 Airport Parkway S. W. City: Gainesville Province: GA Postal Code: 30501 Contact: Michelle Cleghorn-young Phone: 678-450-2125	Name: Ottawa Bus Terminal ID: 14050-1 Address: 265 Catherine St. City: Ottawa Province: ONTARIO Postal Code: K1R 7S5 Contact: Marc Jeannotte Phone: 613-794-3771

Unit Number	Technician Number	Certification Number	P.O. Number
116	442	FSC 2008 00758571	104677

Line Test Results

Line ID	Line Product	Delivery System Type	Final Leak Rate	Test Results Pass/Fail
L1AD	CLEAR DIESEL	suction	Less than the detection threshold of the test.	PASS

Note: Original data recordings are reviewed by Tanknology's Quality Assurance Department and are maintained on file. Please refer to the site diagram for equipment location and identification.

Although this report does not hold the author's handwritten signature, it is considered a valid document and any concerns with respect to its authenticity should be directed to our quality control department.

TANKNOLOGY Canada
A Division of Englobe Corp.
1800 Appleby Line - Unit 4 - Burlington - Ontario - L7L 6A1
Tel: (800) 465-1577 Fax: (905) 681-6473
http://www.tanknology.ca

Englobe
TANKNOLOGY

Certificate of Tightness
for
Tank & Line Systems

This certificate indicates that on the date shown there was no evidence of a leak greater than 0.38 L/h of product out of, or of water or product into, the specific tank (s) and or line (s) designated below. The leak detection methods or combination of methods employed by Tanknology to determine tank and line tightness meet or exceed the precision test requirements of one of the following:

· ULC / ORDC58.12-1992
· EPA/530/UST-90/004
· ULC / ORDC58.14-1992
· EPA/530/UST-90/005
· ULC / ORDC107.12-1992
· EPA/530/UST-90/010

☐ **Tanks Only** ☐ **Lines Only** ☑ **Tanks & Lines**

Order Number: 89657
Test Date: 08/30/2018
Tank Location 265 Catherine St. , Ottawa , ONTARIO
Data Collected by: Joey Rivers (FSC 2008 00758571)

Equipment ID	Product	Capacity (Litres)	Test Result
L1AD	CLEAR DIESEL	N/A	PASS
T1D	CLEAR DIESEL	45400	PASS

GENERAL COMMENTS:

Although this report does not hold the author's handwritten signature, it is considered a valid document and any concerns with respect to its authenticity should be directed to our quality control department.

Note: Original data recordings have been reviewed by Tanknology's Quality Assurance Department and are maintained on file. Please refer to the site diagram for equipment location and identification.

Precision Tank Test Report

Client Number	Test Date	Order Number
13386	7/27/2017 6:18:53 PM	81667

Invoice Information	Location Information
Name: Mansfield Oil Company Address: 1025 Airport Parkway S. W. City: Gainesville Province: GA Postal Code: 30501 Contact: Jordan Woodfin Phone: 678-450-2125	Name: Ottawa Bus Terminal ID: 14050-1 Address: 265 Catherine St. City: Ottawa Province: ONTARIO Postal Code: K1R 7S5 Contact: Marc Jeannotte Phone: 613-794-3771

Unit Number	Technician Number	Certification Number	P.O. Number
115	67	FSC 1997 0731330	98068

Tank Test Results

Tank ID	Tank Product	Tank Capacity (Litres)	AST Mass Test Result Pass/Fail	SIR Test Results Pass/Fail	A4 Liquid Test Result Pass/Fail	U3 Ullage Test Result Pass/Fail	Vacutect Test Result Pass/Fail
T1D	CLEAR DIESEL	45400	N/A	N/A	N/A	N/A	PASS
T2O	WASTE OIL	4540	N/A	N/A	N/A	N/A	PASS

Note: Original data recordings have been reviewed by Tanknology's Quality Assurance Department and are maintained on file. Please refer to the site diagram for equipment location and identification.

Although this report does not hold the author's handwritten signature, it is considered a valid document and any concerns with respect to its authenticity should be directed to our quality control department.

TANKNOLOGY Canada

A Division of Englobe Corp.
1800 Appleby Line - Unit 4 - Burlington - Ontario - L7L 6A1
Tel: (800) 465-1577 Fax: (905) 681-6473
http://www.tanknology.ca

Precision Line Test Report

Client Number	Test Date	Order Number
13386	7/27/2017 6:21:42 PM	81667

Invoice Information	Location Information
Name: Mansfield Oil Company Address: 1025 Airport Parkway S. W. City: Gainesville Province: GA Postal Code: 30501 Contact: Jordan Woodfin Phone: 678-450-2125	Name: Ottawa Bus Terminal ID: 14050-1 Address: 265 Catherine St. City: Ottawa Province: ONTARIO Postal Code: K1R 7S5 Contact: Marc Jeannotte Phone: 613-794-3771

Unit Number	Technician Number	Certification Number	P.O. Number
115	67	FSC 1997 0731330	98068

Line Test Results

Line ID	Line Product	Delivery System Type	Final Leak Rate	Test Results Pass/Fail
L1AD	CLEAR DIESEL	suction	Less than the detection threshold of the test.	PASS
L2AO	WASTE OIL	gravity	Less than the detection threshold of the test.	PASS

Note: Original data recordings are reviewed by Tanknology's Quality Assurance Department and are maintained on file. Please refer to the site diagram for equipment location and identification.

Although this report does not hold the author's handwritten signature, it is considered a valid document and any concerns with respect to its authenticity should be directed to our quality control department.

TANKNOLOGY Canada

A Division of Englobe Corp.
1800 Appleby Line - Unit 4 - Burlington - Ontario - L7L 6A1
Tel: (800) 465-1577 Fax: (905) 681-6473
http://www.tanknology.ca

Englobe
TANKNOLOGY

Certificate of Tightness
for
Tank & Line Systems

This certificate indicates that on the date shown there was no evidence of a leak greater than 0.38 L/h of product out of, or of water or product into, the specific tank (s) and or line (s) designated below. The leak detection methods or combination of methods employed by Tanknology to determine tank and line tightness meet or exceed the precision test requirements of one of the following:

- **ULC / ORDC58.12-1992**
- **EPA/530/UST-90/004**
- **ULC / ORDC58.14-1992**
- **EPA/530/UST-90/005**
- **ULC / ORDC107.12-1992**
- **EPA/530/UST-90/010**

☐ **Tanks Only** ☐ **Lines Only** ☑ **Tanks & Lines**

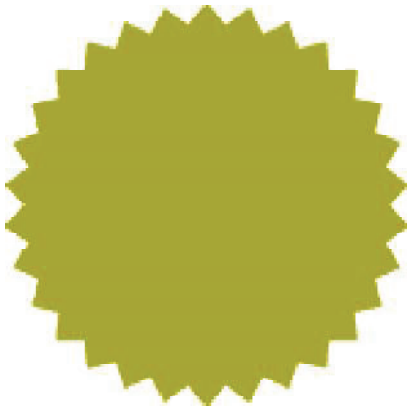
Order Number: 81667
Test Date: 07/27/2017
Tank Location 265 Catherine St. , Ottawa , ONTARIO
Data Collected by: Joe Bucci (FSC 1997 0731330)

Equipment ID	Product	Capacity (Litres)	Test Result
L1AD	CLEAR DIESEL	N/A	PASS
L2AO	WASTE OIL	N/A	PASS
T1D	CLEAR DIESEL	45400	PASS
T2O	WASTE OIL	4540	PASS

GENERAL COMMENTS:

Although this report does not hold the author's handwritten signature, it is considered a valid document and any concerns with respect to its authenticity should be directed to our quality control department.

Note: Original data recordings have been reviewed by Tanknology's Quality Assurance Department and are maintained on file. Please refer to the site diagram for equipment location and identification.



ATTACHMENT D
DISPENSER RELOCATION VARIANCE SURVEY

Petroleum Technical Services
(A Division of 1210689 Ontario Ltd).
2053 Kawartha Cres.
Mississauga, Ontario, L5H 3P8
D. G. Ledingham P. Eng.
tel: (905) 278 8910 fax: (905) 278 5978 cell: (416) 992-5086
e-mail: dgleding@eol.ca

August 27, 2018

Anne-Marie Barker, P.Eng.
Technical Standards and Safety Authority,
345 Carlingview Drive,
Toronto, ON, M9W 6N9

RE: TSSA variance from dispenser location 5.1.1. (c) 4.5 m from any opening in a building

Existing Installation

The existing diesel dispenser is used to fuel Greyhound buses only

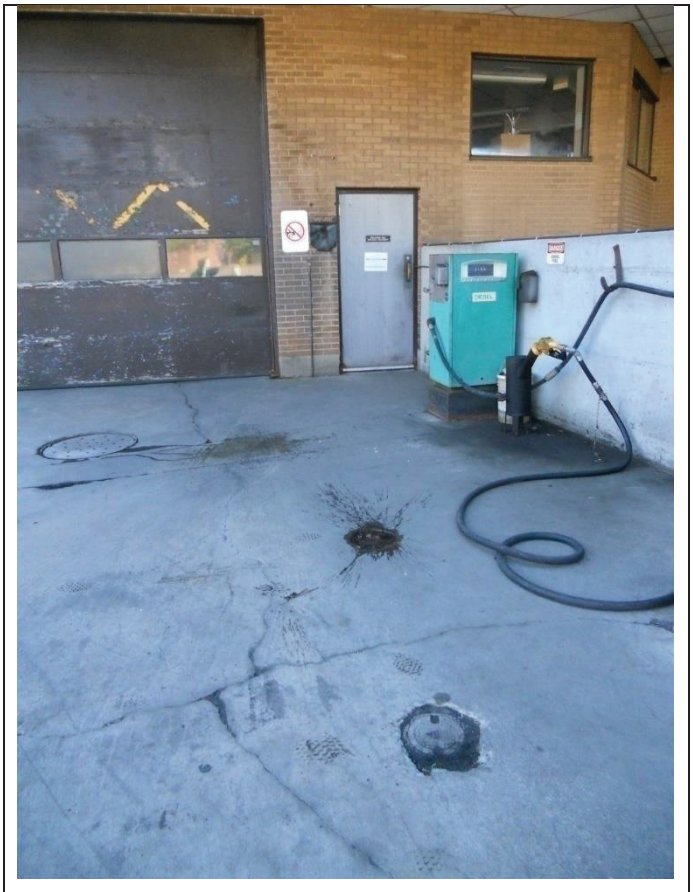
The dispenser is located 2.0 m from the man door as shown in the photo.

The fueling takes place outside of the building using an extended hose. The actual location of the fueling point is greater than 4.5 m from the man door.

There are, on average, 10 fuel transfers per normal work day, up to 20 on a weekend or holiday. The maximum fill of a bus diesel tank is 250 litres

The buses are filled by maintenance staff at the Greyhound Bus Terminal.

Both the man door and the maintenance garage roll-up door are closed during bus fueling.



This fueling facility is due to be upgraded to a new aboveground facility by the end of April 2019. This dispenser will be removed at that time.

Request for Variance

The variance request is for the continued use of this diesel dispenser, located 2.0 m from the building opening, until the end of April 2019.

Equivalent Safety

Liquid Fuels Handling Code 2017 states the dispenser location as 4.5 m from any opening in a building without consideration for the type of fuel dispenser or the training of the people doing the fueling. The distance is to protect the general public, when using gasoline fueling facilities or entering/exiting retail site stores. Fueling of a vehicle is anticipated to be between the dispenser and the opening in the building.

Fueling and Operating location

- In this instance, the fuel is diesel only. Since diesel flash point is 40º C or higher, it is unlikely that any spill will result in an air atmosphere containing 1400 ppm diesel vapours (10% of the Lower Explosive Limit) which is considered safe for inspections and cold work.
- The location is at a bus maintenance facility where the door is used by maintenance personnel only, not the general public.
- Fueling is done by maintenance staff trained to fuel buses and respond to leaks or spills.
- There are no other fueling operations in the vicinity so the person fueling is dedicated to that one activity.
- The actual fueling point, where the diesel is transferred into the bus fuel tank, is much greater than 4.5 m away from the building opening.

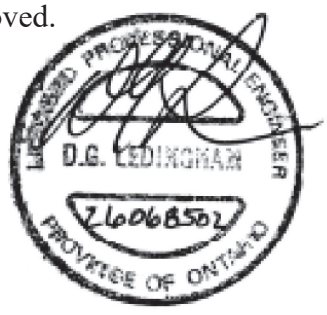
Summary

With the type of staff doing the refueling of the buses, the risk of spills and over-toppings is very low.
The usage of the building door is by staff, not the general public.
The fuel being used is diesel only which has a much lower risk of generating combustible air mixtures compared to gasoline.
The actual filling point is greater than 4.5 m from the building opening.

Overall, in my judgement, the dispenser being a distance of 2 m from the building opening instead of 4.5 m does not pose an increased risk to the staff at this facility between today and the end of April 2019 when it will be removed.

P. ENG.

D.G. Ledingham, P.Eng.
Petroleum Technical Services.



Strata ENVIRONMENTAL

Nan Cutshall <ncutshall@strataenv.com>

Greyhound - 265 Catherine Street, Ottawa, ON - Application for Variance/Deviation

1 message

Nan Cutshall <ncutshall@strataenv.com> Wed, Sep 5, 2018 at 9:22 AM
To: fssubmissions@tssa.org
Cc: "Leake, Craig (US)" <Craig.Leake@firstgroup.com>, "Kirkpatrick, Susan" <Susan.kirkpatrick@firstgroup.com>

Dear Staff Member:

Greyhound Lines, Inc. respectfully requests consideration of the attached Application for Variance/Deviation to address the piping replacement and dispenser relocation associated with the underground fueling system located at **265 Catherine Street**, **Ottawa**, **Ontario**.

Greyhound Lines, Inc. intends to replace the underground fueling system with an aboveground fueling system prior to April 26, 2019.

If you have any questions or require any additional information, please contact me at your convenience.

Thank you for your assistance.

Nan D. Cutshall, PE
Principal Engineer

Strata ENVIRONMENTAL

110 Perimeter Park, Suite E
Knoxville, Tennessee 37922
(P) 865.539.2077
(F) 865.539.3970
(C) 865.250.6165
Email: ncutshall@strataenv.com

Greyhound Ottawa (Catherine) Variance Application (Submittal).pdf
1505K

Appendix G

City of Ottawa Historic Land Use Inventory (HLUI)

File Number: D06-03-21-0104

July 14, 2021

Luke Lopers
Lopers & Associates
30 Lansfield Way
Ottawa, ON K2G 3V8

Sent via email [Luke@Lopers.ca]

Dear Mr. Lopers,

Re: Information Request
265 Catherine Street, Ottawa, Ontario ("Subject Property")

Internal Department Circulation:

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

- No information was returned on the Subject Property from Departmental circulation.

Documents Provided:

HLUI Summary Report and HLUI Map

The HLUI Summary Report Excel spreadsheet identifies HLUI area, point and line features within 250 metres of the Subject Property, as shown on the provided HLUI Map PDF. Within 500 metres of the Subject Property, landfills and Environmental Risk Management Area (ERMA) are also identified if applicable.

Additional information may be obtained by contacting:

Ontario's Environmental Registry

The Environmental Registry found at https://ero.ontario.ca/ contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using keys words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

The Ontario Land Registry Office

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House
161 Elgin Street 4th Floor
Ottawa ON K2P 2K1
Tel: (613) 239-1230
Fax: (613) 239-1422

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database 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.

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.

If you have any further questions or comments, please contact HLUI@ottawa.ca.

Sincerely,

Jeffrey Ren

Per:

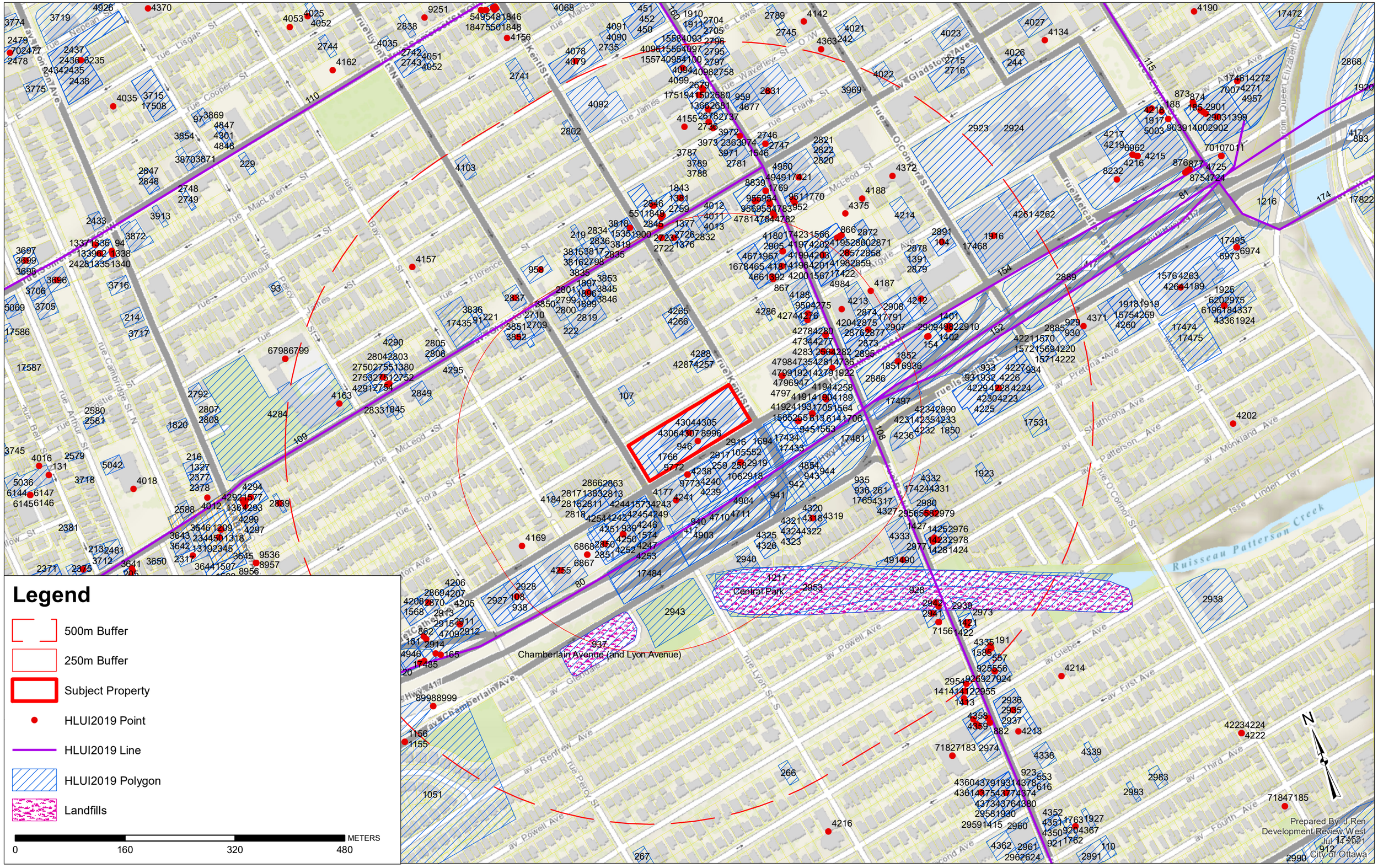
Michael Boughton, MCIP, RPP
Senior Planner
Development Review East
Planning Services
Planning, Infrastructure and Economic Development Department

MB / JR

Enclosures: (2)
1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-21-0104

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



Appendix H

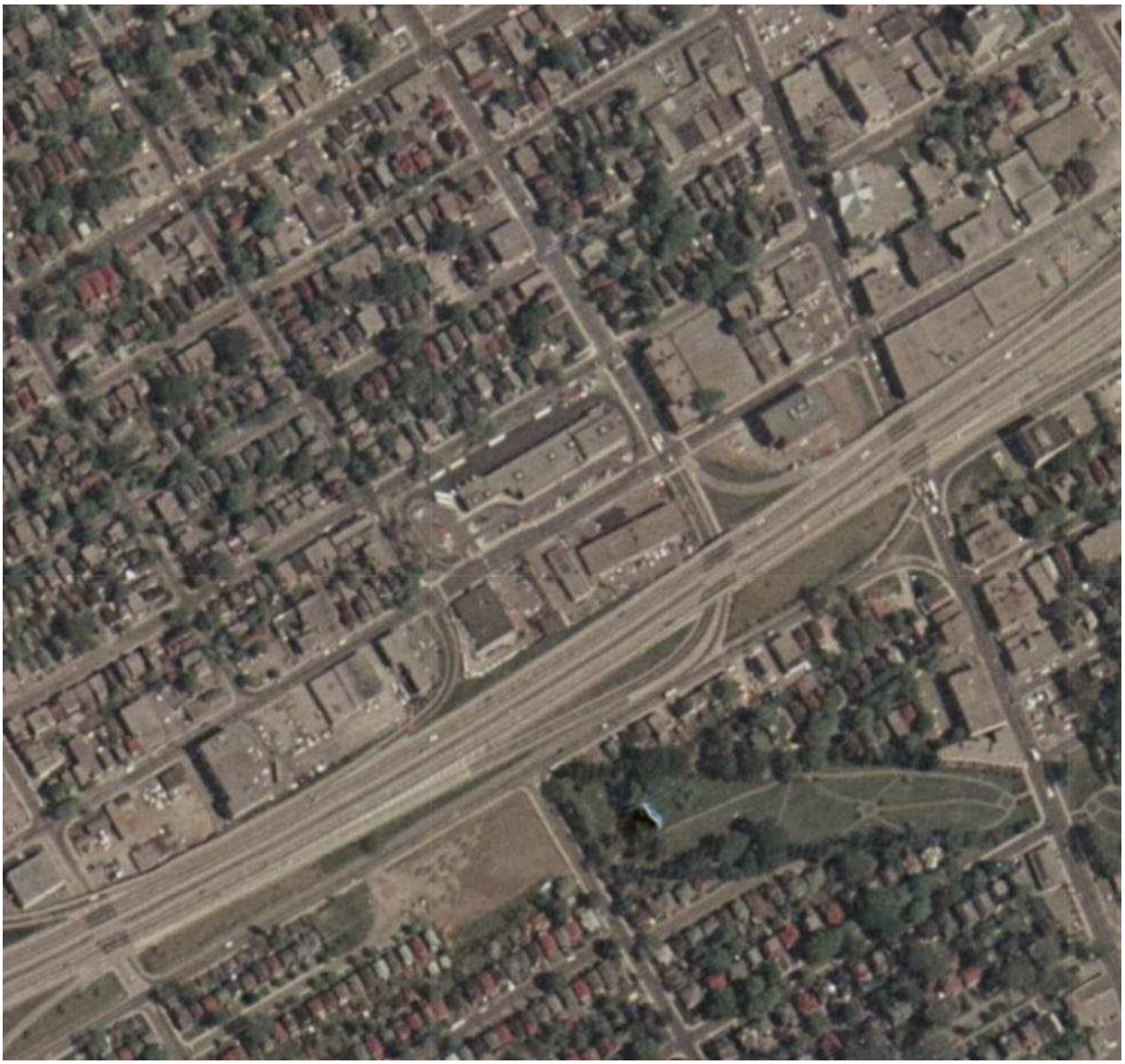
Aerial Photographs

1928 Aerial Photograph

1958 Aerial Photograph

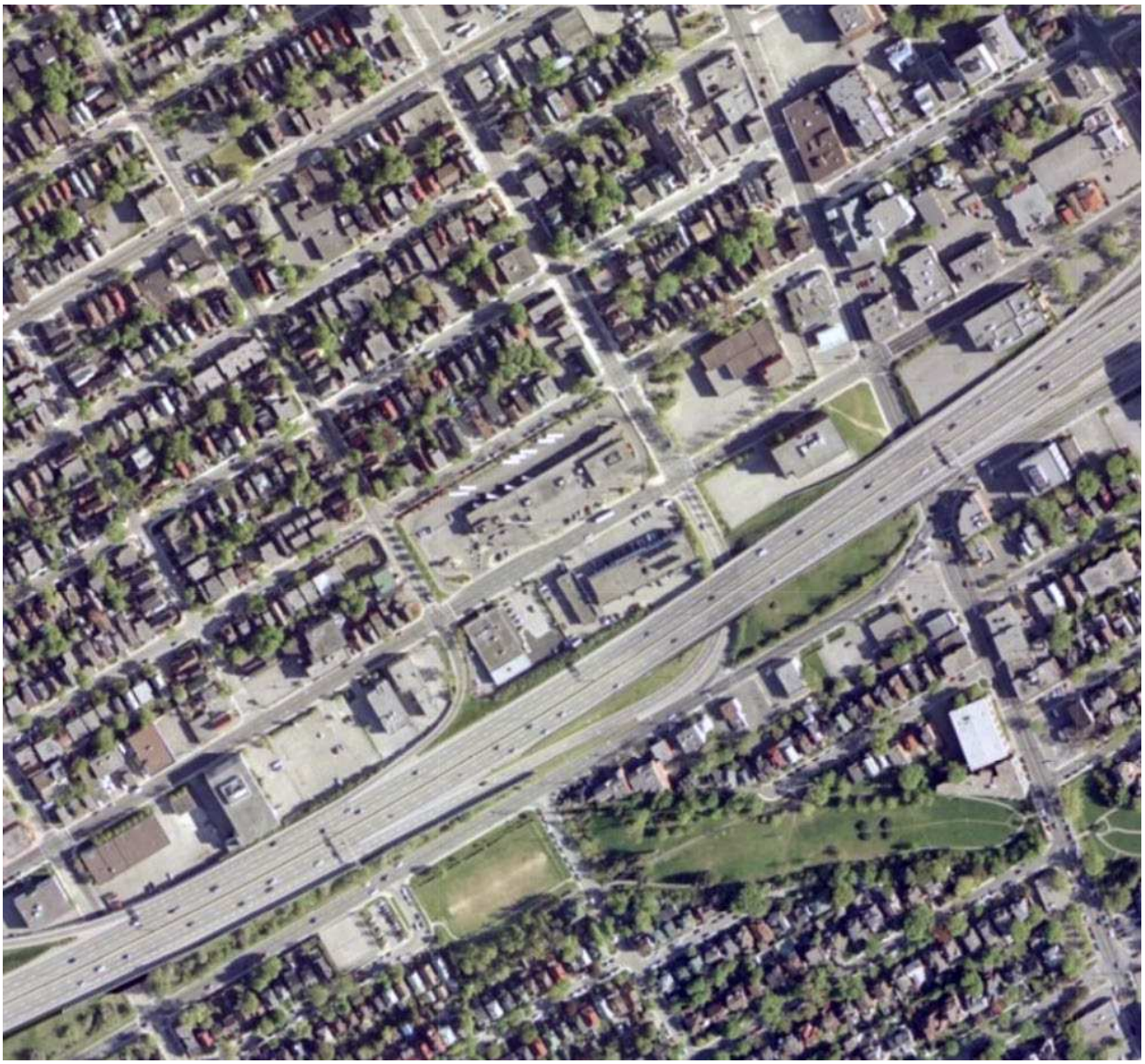
1965 Aerial Photograph

1969 Aerial Photograph

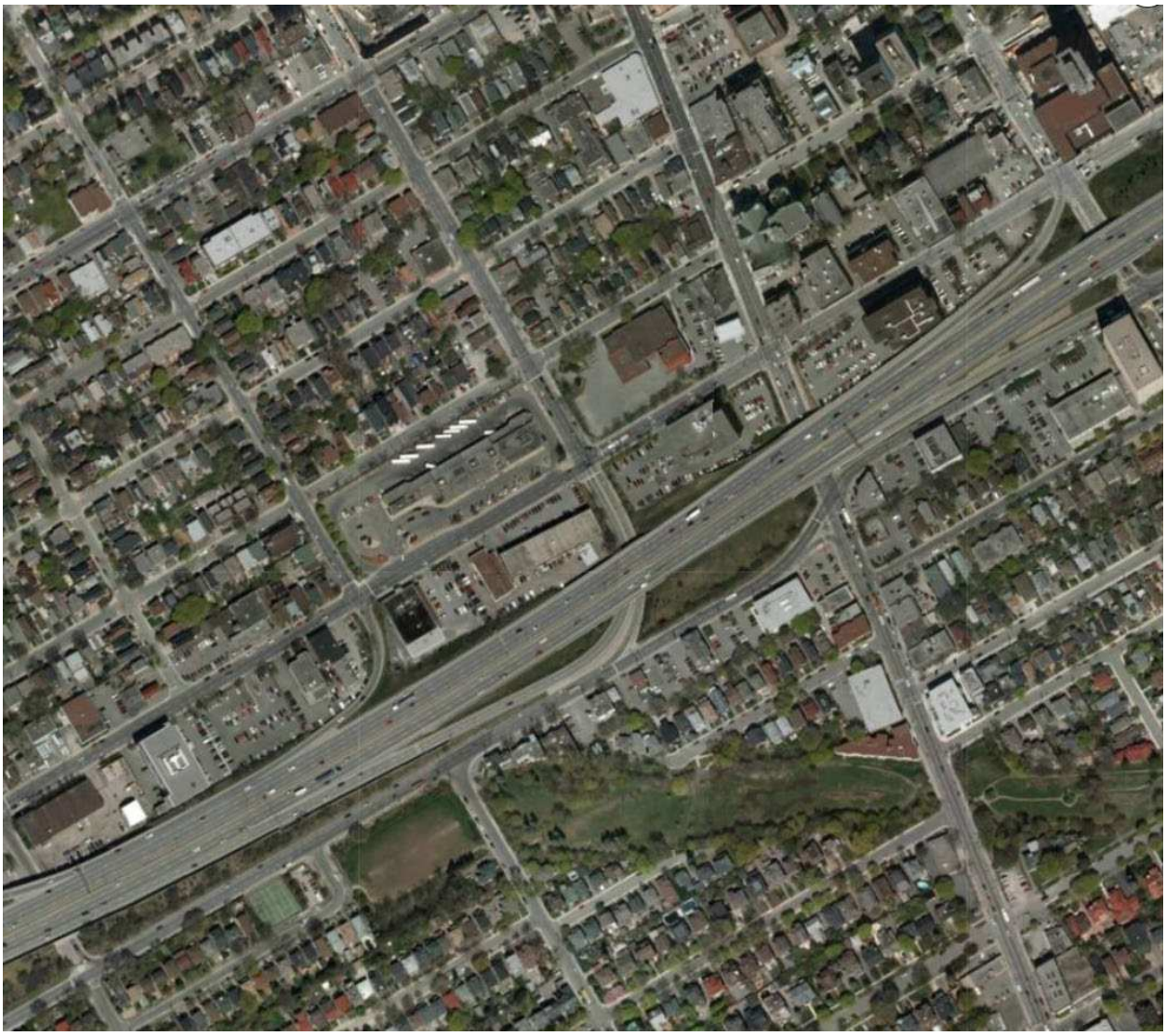


1976 Aerial Photograph

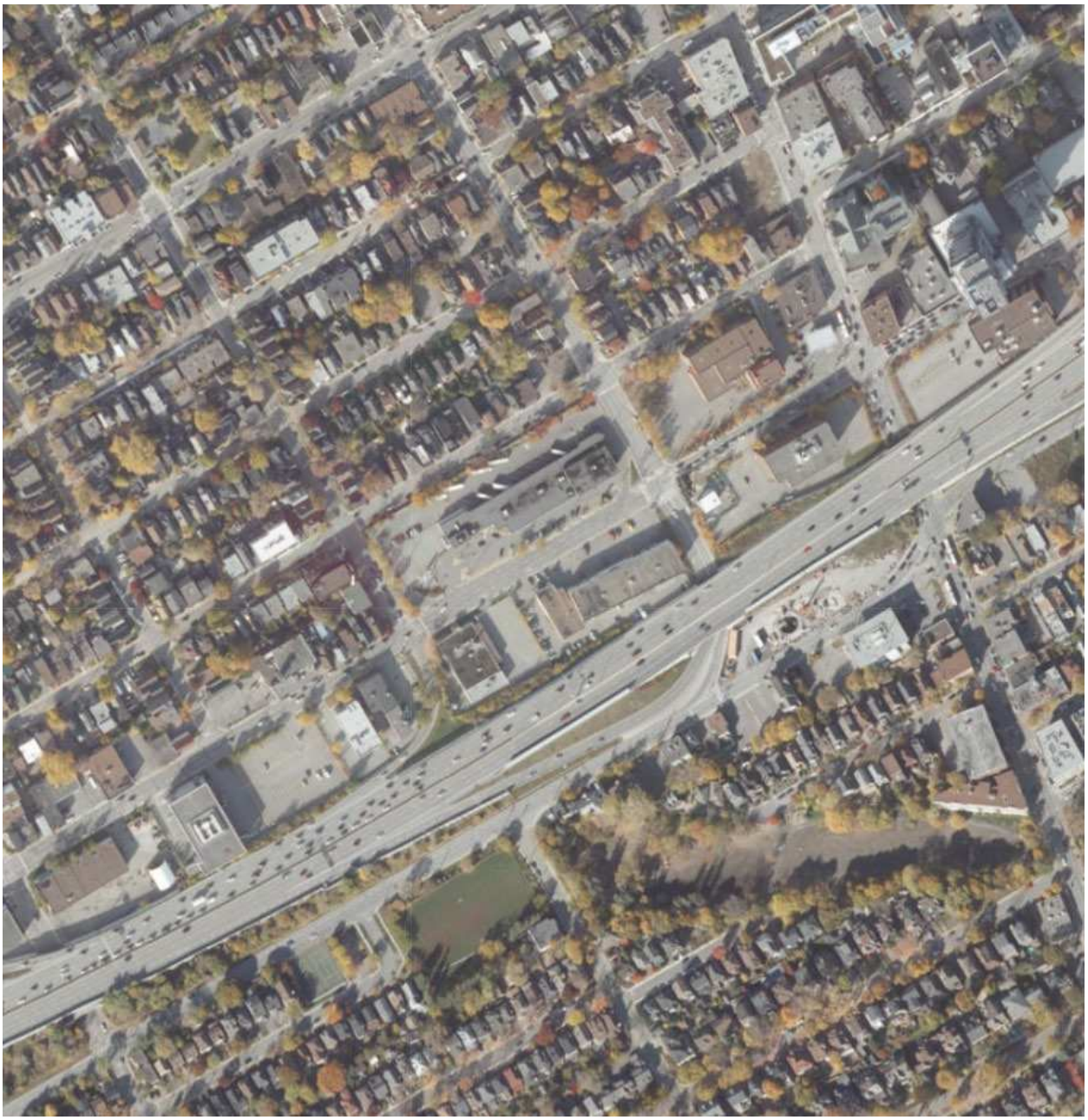
1991 Aerial Photograph



2002 Aerial Photograph



2011 Aerial Photograph



2019 Aerial Photograph

Appendix I

Topographic Map

Topographic Map

Appendix J

Photographic Log

Photograph 1: View of Phase One Property looking west on the southeast portion of the Property. View shows the south side (front) of the commercial building at the Property.

Photograph 2: View of Phase One Property looking north from the southeast corner of the Property. View shows the vent pipes associate with a former aboveground fuel storage tank and an underground waste oil storage tank, associated with the service garage on the east portion of the Property.

Photograph 3: View of the north side of the Phase One Property looking west. View shows the terminals for the former central bus station. The diesel underground storage tank and former fueling area is visible in this photograph.

Photograph 4: View of the service garage entrance and former fueling area at the Property.

Photograph 5: View of the interior of the service bay, on the east portion of the Property. The diesel generator is visible in this photograph.

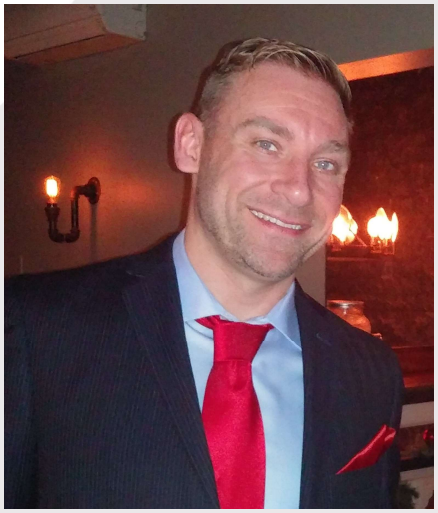
Photograph 6: View of the interior of the oil/water separator in the service bay of the building at the Property. An oily water mixture is evident within the separator.

Photograph 7: View of the basement level mechanical room in the east portion of the building. The sump is visible at the rear wall in this photograph.

Photograph 8: View of interior of the shipping and receiving area in the northwest portion of the Site building.

Appendix K

Qualifications of Assessors



PROFILE

Mr. Lopers is an environmental engineer with over 12 years of experience in environmental engineering specializing in due diligence investigations. Mr. Lopers has extensive experience in Phase I and II Environmental Site Assessments; environmental remediation, and investigations; record of site condition submissions; asset inventory, designated substance surveys and abatement projects; environmental expertise on legal issues; and coordination of various monitoring programs (groundwater, surface water, air).

Mr. Lopers has participated in various Property Condition and Building Envelope mandates at various residential and commercial properties throughout Ontario.

Mr. Lopers has a strong commitment to health and safety, having experience leading a regional health and safety committee as a certified employee representative. Mr. Lopers has extensive training including OSHA 40-hour HAZWOPER, ASP Health and Safety on Construction Sites in Quebec, Ontario Working at Heights, Emergency First Aid/CPR and WHMIS.

CONTACT

EMAIL:
Luke@Lopers.ca

LUKE LOPERS

Principal
LOPERS & ASSOCIATES

EDUCATION

University of Waterloo,
B.A.Sc., Honours Environmental Engineering
Management Science Option Designation - 2002 - 2008

PROFESSIONAL EXPERIENCE

Lopers & Associates, Principal, Project Manager, Senior Environmental Engineer
Ottawa, Ontario - 2020–Present
Responsible for the management, coordination, supervision, completion and delivery of Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Environmental litigation support, Designated Substance Surveys, scope of work development, cost estimates and proposals

GHD Limited, Project Manager, Senior Environmental Engineer
Ottawa, Ontario - 2013–2020
Responsible for the management, senior technical review, coordination, supervision, completion and delivery of Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Environmental litigation support, Designated Substance Surveys, scope of work development, cost estimates and proposals
Office Safety Captain and Joint Health and Safety Committee team leader

Paterson Group Inc., Project Manager, Environmental Engineer
Ottawa, Ontario - 2009–2013
Responsible for supervision, completion and review for Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Designated Substance Surveys

NEXT Environmental Inc., Site Investigation Staff
Burnaby, British Columbia - 2008–2009
Responsible for fieldwork and reporting for Stage/Phase I and II Environmental Site Assessments, Environmental Remediation Programs

PROFESSIONAL DESIGNATIONS

Licensed Professional Engineer (P.Eng.) with Professional Engineers Ontario (PEO) since 2012

Qualified Person (QP), Environmental Site Assessments with Ontario Ministry of the Environment, Conservation and Parks

PROJECT EXPERIENCE

Environmental Site Assessments

Project Engineer/Manager
Phase 1 Environmental Site Assessment | Various Clients | Ontario, Quebec and British Columbia | 2006-2020

Project Engineer/Manager for Phase I Environmental Site Assessments in support of acquisition/divestiture/regulatory requirements for various properties in Ontario, Quebec and British Columbia, including the following:

- Canadian Tire Retail Store and Gas Bar, CTR 417 - 2560 Princess Street, Kingston, Ontario
- Former Automotive Dealership and Service Garage, North Vancouver, British Columbia
- Former Philips Cable Plant, Brockville, Ontario
- Former Cornwall Cotton Mill, Cornwall, Ontario
- Retail Fuel Outlet and Automotive Service Garage, Ottawa, Ontario
- Jack Garland Airport Land, North Bay, Ontario
- Various Commercial/Residential Properties, Ontario and British Columbia
- Various Residential Properties, Ontario, Quebec and British Columbia
- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario

Project Engineer/Manager
Phase Two Environmental Site Assessments | Various Clients | Various Locations | 2008-2020

Project Engineer/Manager for the following field investigation and/or regulatory reporting requirements for Phase II ESAs and other Site Investigations:

- Proposed Canadian Tire Development, CTR 693P - Terry Fox Drive at Eagleson Road, Stittsville, Ontario
- Former Retail/Private Fuel Outlets, Ottawa/North Bay/Vancouver, Canada
- Operational/Former Industrial Facilities, Ottawa/Cornwall/Sarnia/Brockville/Gananoque, Ontario
- Existing Dry Cleaning Facilities, Ottawa/Arnprior, Ontario
- Automotive Service Garages, Ottawa/Vancouver, Canada
- Various Commercial/Residential Properties, Eastern Ontario
- Tetrachloroethylene Groundwater Plume, Commercial Property, Ottawa, Ontario
- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario

Project Manager
Phase One, Phase Two Environmental Site Assessments, Environmental Delineation Quality Assurance Program | Costco Wholesale | Ottawa, ON | 2014-2019

Project Manager for the completion of a Phase One ESA for the potential acquisition of a commercial property. Upon discovery of APECs at the Site and significant data gaps in previous investigations, completed a Phase Two ESA to evaluate soil and groundwater quality at the Site. Further oversight of original owner's environmental consultants was completed to ensure adequate delineation and characterization of a dNAPL groundwater plume at the Site, present at significant depths in shale bedrock, which originated as a result of a former on-Site dry-cleaning operation.

Environmental Remediation Programs

Project Engineer
Underground Fuel Storage Tank Removals and Environmental Remediation Programs in Vicinity of Active Underground Services | Ottawa, ON | 2010, 2012

Project Engineer for removal of underground heating oil storage tanks adjacent to residential buildings. Completed excavation supervision of contaminated soil around and below active underground services, including hydro, water and natural gas infrastructure at residential properties. Activities included oversight of removal of petroleum, impacted soil, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis. Prepared Phase I, II and III Environmental Site Assessment reports.

Project Engineer
Retail Fuel Outlet Decommissioning and Remediation | Ottawa, ON | 2012

Project Engineer for UST removal and confirmatory soil sampling at former ESSO gas station in Ottawa, Ontario. Activities included oversight of removal of USTs and product lines, oversight of removal of petroleum-impacted soil and groundwater encountered and backfilling operations, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis.

Project Engineer/Manager
Former Fuel Outlet Investigation and Remediation | Merrickville, ON | 2016-2017

Project Engineer for confirmatory soil and groundwater sampling following UST removal at former Shell gas station. Activities included oversight of removal of petroleum-impacted soil, pumping of groundwater encountered and backfilling operations, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis. Additional borehole/monitoring well drilling also completed.

Record of Site Conditions

Project Manager/Engineer
Residential Redevelopment | Environmental Remediation Program and Record of Site Condition Submission | Ottawa | 2015

Project Manager for delineation of soil contamination and groundwater sampling for a former automotive garage and gas station property in Ottawa, Ontario. Presented and implemented remedial action plan to remediate on-Site contamination. Directed staff in collection of post remediation confirmatory soil and groundwater samples for contaminants of concern. Prepared remediation closure report and record of site condition supporting documentation for submission to the Ministry of the Environment and Climate Change.

Project Manager/Engineer
Industrial Development | Environmental Assessment and Record of Site Condition Submission | Township of Edwardsburgh/Cardinal | 2015

Project Manager for environmental assessments for a proposed industrial business park, in an existing industrial area within the Township of Edwardsburgh/Cardinal, Ontario. Prepared environmental assessment reports and record of site condition supporting documentation for submission to the Ministry of the Environment and Climate Change.

Excess Soil Management

Project Engineer/Manager
Management of Excess Soil | CTREL, Brigil, Ottawa Community Housing Corporation | Ottawa and Pembroke, Ontario | 2016, 2018

Project Engineer/Manager for sampling, analytical testing, development of soil management plans and monitoring during removal of excess soil generated as part of construction activities, including the following properties/facilities:

- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario
- Residential redevelopment, 121 Parkdale Avenue, Ottawa, Ontario
- CTR 079, 1104 Pembroke Street East, Pembroke, Ontario
- CTR 297, 2010 Ogilvie Road, Ottawa, Ontario

Designated Substance Surveys

Project Manager

Designated Substance Surveys and Hazardous Building Materials Assessment | Ottawa, Pembroke, Southeastern Ontario | 2010-2020

Project Manager for asbestos containing material (ACM) surveys, designated substance surveys (DSSs), Hazardous Building Materials Assessments (HBMAs) or mould assessments at the following sites:

- DSSs at various municipal facilities for the City of Pembroke, Pembroke, Ontario. Preparation of Asbestos Management Plan.
- HBMAs at various institutional buildings for the Catholic District School Board of Eastern Ontario, Southeastern Ontario.
- DSSs and ACM surveys at various residential, buildings (dwellings and apartment buildings) for private residential clients, Ottawa, Ontario.
- DSS and abatement oversight during demolition, residential buildings (townhouses) for Ottawa Community Housing Corporation, 818 Gladstone Avenue, Ottawa, Ontario.

Environmental Litigation Support

Project Manager, Field Engineer, Expert Witness

Ottawa, Ontario | 2014-2020

Project Manager, Field Engineer and Expert Witness for a fuel spill, remediation program, groundwater monitoring program and litigation review for redevelopment of a residential property adjacent to a central heating plant at an institutional facility.

Education

BEng Geological Engineering, École Polytechnique de Montreal, Montreal, Quebec, 1990

MSc Geophysics, University of British Columbia, Vancouver, British Columbia, 1983

BSc Geophysics, Honours, University of British Columbia, Vancouver, British Columbia, 1980

Certifications

Registered as PMP with Project Management Institute since 2012, requalified in 2018

Qualified Person (QP) for Environmental Site Assessments with Ontario Ministry of Environment and Conservation and Parks

Professional Affiliations

Licensed as P.Eng. with the Professional Engineers of Ontario (PEO) since 1994

Licensed as Ing. with l'Ordre des ingénieurs du Québec (OIQ), 1992

Licensed as P.Eng. with NAPEG (NWT and Nunavut), since 2009.

Licensed as P.Eng with Engineers Yukon since 2018

Federal Clearance Level

Secret ID # 95251065

DON PLENDERLEITH

Senior Environmental Engineer and Project Manager

PROFESSIONAL SUMMARY

Mr. Plenderleith has been an environmental engineer for 30 years. From 1990 to 2000 he worked at specialty firms in Montreal and Ottawa where he gained field and reporting experience in site assessment and remediation of retail fuel outlets and railway yards. In 1991 and 1992 he worked on a CIDA sponsored project to assess additional water resource potential in two provinces in Indonesia. He worked for Golder for 19 years on projects in Ottawa, the North and overseas.

His expertise covers all steps in contaminated site management: Phase I, II and III environmental site assessments (ESAs), risk assessments, remedial options evaluations, remedial action plans, tender plans and specifications, remediation project oversight, long-term monitoring and project closure. He has largely concentrated on federal sites since 2002 and was Golder's initial point of contact on the Environmental Standing Offer Agreement with PSPC in the National Capital over that time.

Don led Golder's national client service team for Federal government and was responsible to Golder's management for maintaining strong relations with the federal government. Locally, he provided project management and technical direction of a variety of environmental projects from the Ottawa office. Don mentored several junior professionals. His site portfolio included: military bases, Northern sites, navigational sites, correctional facilities, research labs, commercial buildings and Canadian embassies abroad. On several multi-year projects (Kingston Penitentiary and Connaught Ranges landfill) he directed all steps of site management from initial investigations, through to site closure.

Don is equally experienced at providing strategic and portfolio-level assistance to clients as well as site-specific level work. He has written contaminated sites management plans for several federal Departments. He helped to develop components of the FCSAP project manager's tool kit and has trained federal project managers in its use. He has provided program-level assistance to the FCSAP Secretariat for funding demand forecasting and long-term strategy and risk management. For nine years he led a multi-disciplinary team that performed contaminated site liability peer reviews for the Office of the Auditor General of Canada.

Don completed his engineering degree in French and is licensed to practice in Quebec. He frequently coordinates the French language component at bilingual meetings and workshops.

PROJECT EXPERIENCE – STANDING OFFER MANAGER

Public Services and Procurement Canada, National Capital Region, Environmental Engineering Standing Offer (2002-2019).

Don managed Golder's Environmental Standing Offer Agreement (SOA) with PSPC in the National Capital Region from 2002 to 2019. He was the first point of contact with PSPC for new call-ups. He formed project teams from the approved resources and reviewed the work plans under each call-up. He was responsible and accountable for Golder's overall project performance to PSPC.

PROJECT EXPERIENCE – SENIOR PROJECT MANAGER

Phase I, II, and III and Remediation at Pittsburgh Institution and Kingston Penitentiary for PSPC/CSC near Kingston, Ontario

Environmental Site Assessment, Remediation Planning and Implementation for the Pittsburgh Institution and Kingston Penitentiary, Kingston, Ontario from 2007 to 2015 - Don was the Senior Project Manager and project reviewer for the Phase I, II and III of contaminated sites on two similar projects at these federal penitentiaries. Don performed project management and provided technical direction during the full suite of services from site assessment through to remediation. Federal project management tools, and FCSAP technical tools (GOST) were used to assist with procedural compliance. Don assisted PSPC with the tender specification for both remediation projects and performed on-site supervision during the fast-track remediation work at Pittsburgh. Don also performed senior review of the draft and final reports.

Peer Review and Liability Review of US Steel Site in Hamilton Harbour for PSPC and Transport Canada (July-August 2016)

Don was the Senior Project Manager for a Peer Review of reports pertaining to the US Steel site on Hamilton Harbour that the Hamilton Port Authority (HPA) was considering purchasing. TC requested the peer review and liability review in its oversight role over the HPA. Don brought a senior expert in at steel industry at Golder onto the project team. With his input some important gaps in the previous site assessments, management plans and liability estimates were identified to TC.

Contaminated Site Reporting and Review for Department of National Defence Ottawa, Ontario, Canada

Don has managed several projects for DND's Director General Environment, related to the financial reporting of DND's contaminated sites. He managed the EcoNet validation project in 2006, in which the systems and procedures by which site cost and liability information are input to DND's Contaminated Site database, Econet. Several of DND's major projects being run out of headquarters were reviewed in that exercise. In 2008 he assisted DND by producing the 2008 update of their Contaminated Sites Management Plan (CSMP) for Treasury Board submission. Nine divisional CSMPs were reviewed, summarized and incorporated into the departmental CSMP.

PROGRAM LEVEL WORK – FEDERAL CONTAMINATED SITES

Project Management Tools for Contaminated Sites, Ottawa, Ontario, Canada

Mr. Plenderleith developed two of the FCSAP Project Management Tools: Status Reporting and Project Risk Management. He has provided training in the tools to federal project managers country-wide. He has delivered training sessions at RPIC National Contaminated Sites workshops on several occasions on the PM Tools, the Sustainable Development Tool (SDAT), and Guidance Tool for Selection of Technologies Tools (GOST).

Assistance to FCSAP for program-level Risk Management, PWGSC/ECCC Ottawa, Ontario

Don has led a team at Golder that provided assistance to the FCSAP Secretariat from 2013 to 2019 in the areas of cost projections for funding demand estimates. He devised a method of projecting the costs of unassessed sites based on closure costs of similar sites. This tool was used to estimate the funding demand for FCSAP Phase III and past Phase III. Don assisted the Secretariat with Long-Term Strategic planning for FSCAP post 2020 when the 15-year program is due to sunset.

Secondments to Federal Departments

Mr. Plenderleith has been seconded from Golder to the Department of Foreign Affairs and International Trade (now Global Affairs Canada "GAC") on three occasions to develop their Contaminated Sites Management Plans and to fill in while GAC was staffing their full-time environmental engineer position. Through these secondments he has developed a greater understanding of the role of federal custodians in managing their programs.

PROJECT EXPERIENCE – NORTHERN SITES

DEW Line Site Monitoring, Baffin Region, DND

(2015-19)

Mr. Plenderleith was the project director of Golder's DEW Line Monitoring contract with DND from four years 2015 to 2019. He was responsible for overall program quality and liaison with the client and management of Inuit subcontractors. The project was multi-disciplinary, involving geotechnical and environmental components. Mr. Plenderleith has developed a very positive working relationship with the hamlet of Qikiqtarjuaq and the Inuit staff from that community, many of whom have returned to work with Golder every year. All Inuit Participation Targets were exceeded.

Tundra Mine Remediation Monitoring PSPC/INAC (2016-2018)

Don was the Senior project director for Golder's Remediation Monitoring of Tundra Mine (NWT) for PSPC and INAC. This project is multi-disciplinary involving surface water and groundwater environmental monitoring and aquatic monitoring for the final stages of the remediation of Tundra Mine. Don has reviewed the monthly and annual monitoring reports produced for the Water Licence. His earlier experience with the RAP for Tundra has been valuable on this project.

Remedial Options Review and Remedial Action Planning Former Water Tanker Base, Inuvik Airport, NWT 2010-12

From 2010 to 2012, Mr. Plenderleith was the technical director for the Phase III ESA detailed site assessment and remediation planning of the former Water Tanker Base at the Inuvik Airport in NWT. The work included determining the contaminants of concern, delineation of contaminated soil and seasonal groundwater areas, and assessing remedial options. The remedial action plan reviewed chemical oxidation and removal & disposal options within the constraints of northern work season, and the distance to a disposal facility. Descriptions, costs, advantages and limitations were provided for several options. GNWT performed the remediation with own forces.