



**PHASE ONE
ENVIRONMENTAL SITE ASSESSMENT
975 GLADSTONE AVENUE,
OTTAWA, ONTARIO**

Submitted to:



Canadian Bank Note Company, Limited
145 Richmond Road
Ottawa, ON K1Z 1A1

Prepared by:

BluMetric Environmental Inc.
3108 Carp Road, Box 430
Ottawa, ON K0A 1L0

Project Number: 190402
10 July 2019

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LIST OF ACRONYMS

ANSI	Areas of Natural and Scientific Interest
APEC	Area of Potential Environmental Concern
AST	Above Ground Storage Tank
BTEX	Benzene, toluene, ethylbenzene and xylene
CBN	Canadian Bank Note Company, Limited
CMP	Contaminant Management Plan
CSM	Conceptual Site Model
ERIS	Environmental Risk Information Services Inc.
ESA	Environmental Site Assessment
FIM	Fire Insurance Maps
HLUI	Historical Land Use Inventory
LPH	Liquid phase hydrocarbon
MECP	Ministry of the Environment, Conservation and Parks
O. Reg.	Ontario Regulation
PAHs	Polycyclic Aromatic Hydrocarbons
PCA	Potentially Contaminating Activity
PHCs	Petroleum Hydrocarbons
PIN	Property Identifier Number
QP	Qualified Person
RSC	Record of Site Condition
TSSA	Technical Standards and Safety Authority
UST	Underground Storage Tank
UTM	Universal Transverse Mercator
WWIS	Water Wells Information System



1. EXECUTIVE SUMMARY

In April 2019, BluMetric Environmental Inc. (BluMetric™) was retained by Canadian Bank Note Company, Limited (CBN) to prepare a Phase One Environmental Site Assessment (ESA) of the property at 975 Gladstone Avenue in Ottawa, Ontario (subsequently referred to as the “Phase One Property”). This Phase One ESA is being performed in support of a Site Plan Approval application for the construction of a building addition. As per the requirements of the City of Ottawa Site Plan Approval process, the Phase One ESA is being completed in accordance with Ontario Regulation (O. Reg.) 153/04, with the exception of the completion of a stamped plan of survey. The Phase One ESA included a review of all available relevant historic information pertaining to the Phase One Property, reconnaissance of the Phase One Property and surrounding area within a 250 m radius (Phase One Study Area), and interviews with persons familiar with the Phase One Property. Information reviewed during the Phase One ESA was compiled to identify any potential risks which could have impacted the environmental condition of the Phase One Property. Since CBN produces high level security document-related products (banknotes, passports, etc.), limited information on processes and building layout is provided herein.

The Phase One Property consists of a rectangular-shaped parcel of land, occupying a total area of approximately 4.46 acres, with a frontage of approximately 85 m along each of Gladstone Avenue to the south and Laurel Street to the north, and a frontage of approximately 210 m along each of Breezehill Avenue North to the west and Loretta Avenue North to the east. The Phase One Property is comprised mostly of the CBN building, with a footprint of approximately 2.4 acres, and an employee parking lot. The Phase One Property itself and all land immediately east and north are occupied by light industrial/commercial establishments. Lands immediately west and south are residential.

Based on historical air photos, the first developed use of the Phase One Property pre-dates the 1928 air photo which indicates property use for community garden plots. The community garden plots are evident up to and including the 1945 air photo. Past environmental reports indicate that the building on the Phase One Property was first constructed in 1947 and used for printing and plating activities since 1948.

Through records review, interviews and a site reconnaissance visit, the following Potentially Contaminating Activities (PCAs), as defined under O. Reg. 153/04, were identified at the Phase One Property:



Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity	Information Source
1.	Acid and Alkali Manufacturing, Processing and Bulk Storage	Acids and Alkalis were used in bulk as part of the ink effluent treatment process. Former effluent system #1 (i.e. original system) was located in the north end of the building and included use of a former open in-ground concrete tank and treated water discharge to the sanitary sewer system. The integrity of the former in-ground concrete tank is not known. Also, accidental discharges of acidic/alkali process water may have affected the integrity of the sanitary sewer system in this area.	Section 5.0
28.	Gasoline and Associated Products Storage in Fixed Tanks	Former 5,000 imperial gallon Bunker C heating oil UST, at the Loretta Avenue North Loading Dock. Documented soil and groundwater quality impact in this area. Above-ground diesel fuel storage tank for backup generator in east end of boiler room.	Sections 4.1.5, 6.2.1
30.	Importation of Fill Material of Unknown Quality	Potential presence of fill material of poor environmental quality beneath north parking lot. The presence of fill material of poor environmental quality has been documented immediately north of the parking lot at Laurel Street (HCE, 2017).	Section 4.1.5
31.	Ink Manufacturing, Processing and Bulk Storage	Ink mixing room in the northeastern portion of the building. Storage and handling of inks and carrier solvents.	Section 4.1.5
33.	Metal Treatment, Coating, Plating and Finishing	Southeast end of the building (former nickel and chrome plating activities at two locations). Documented concrete and soil impact in east end of cafeteria.	Section 4.1.5
51.	Solvent Manufacturing, Processing and Bulk Storage	Six former solvent USTs in the ink mixing room and solvent storage room in the northeastern portion of the building. Documented groundwater quality impact in this area. Current storage of oil, solvents and waste solvents in drums.	Section 4.1.5
55.	Transformer Manufacturing, Processing and Use	Two transformers are located in the east end of the Boiler room. Existing or former presence of PCB oil in transformers could not be confirmed. No surface staining near transformers was noted.	Section 6.2

Source: Table 2, Schedule D, O. Reg. 153/04

The following PCAs were identified within the Phase One Study Area:



Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity	Information Source
28.	Gasoline and Associated Products Storage in Fixed Tanks	Expired gasoline station at 971 Gladstone Avenue (18.9 m southeast to 44.8 m east-southeast of the Phase One Property).	Section 4.2.2
		A private self-serve fuel outlet with two USTs at 175 Loretta Avenue North (144.5 m southeast of the Phase One Property).	Section 4.2.2
		Gasoline UST at 131 Loretta Avenue North (20 m east of the Phase One Property)	Section 4.2.6
		Gasoline UST at 145 Loretta Avenue North (20 m east of the Phase One Property)	Section 4.2.6
		Fuel oil UST at 155 Loretta Avenue North (20 m east of the Phase One Property)	Section 4.2.6
		Gasoline UST at 952 Gladstone Avenue (29 m southeast of the Phase One Property).	Section 4.2.6
30.	Importation of Fill Material of Unknown Quality	Documented presence of fill material in the Phase One Study Area. Fill quality exceeding O. Reg. 153/04 Table 3 SCS identified on Laurel Street (HCE, 2017).	Section 4.1.5
32.	Iron and Steel Manufacturing and Processing	Iron foundries company at 949 Gladstone Avenue (20 m east of the Phase One Property).	Section 4.2.6
33.	Metal Treatment, Coating, Plating and Finishing	Coating of metal products at 1040 Somerset Street West (208.1 m north-northwest of the Phase One Property).	Section 4.2.2
		Coating, engraving and heat treating of metal products at 35 Laurel Street (71.7 m north-northwest of the Phase One Property).	Section 4.2.7
37.	Operation of Dry Cleaning Equipment (where chemicals are used)	Historical presence of a dry cleaning company at 950 Gladstone Avenue (located 28 m southeast of the Phase One Property).	Section 4.2.6
39.	Paints Manufacturing, Processing and Bulk Storage	Auto paint supply at 35 Laurel Street (71.1 m north-northwest of the Phase One Property)	Sections 4.2.2, 4.2.6
46.	Rail yards, Tracks and Spurs	Rail line crossing through the northern and eastern portions of the Phase One Study Area.	Section 4.3.1
52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems	Vehicle repairs at 1050 Somerset Street West (214.7 m northwest of the Phase One Property).	Section 4.2.2
		Vehicle repairs at 111 Breezehill Avenue North (32 m north of the Phase One Property)	Section 4.2.6
		Historical vehicle repairs at 950 Gladstone Avenue (28 m southeast of the Phase One Property).	Section 4.2.6
--	Spills	Spill of 5 L of transformer oil to the grass and soil in August 1995 at 99 Breezehill Avenue (74.9 m north-northwest of the Phase One Property). Soil contamination was noted to be possible.	Section 4.2.2



Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity	Information Source
		Spill of an unknown quantity of oil was spilled to the floor and drain of a private residence at 189 Breezhill Avenue North (93.8 m south-southeast of the Phase One Property) on March 1, 2002. Environmental impact to a water course or lake was noted to be possible.	Section 4.2.2
		Spill of 8 L of hydraulic oil to the ground and storm sewer on July 11, 2002, at 933 Gladstone Avenue (137.3 m north of the Phase One Property). Environmental impact to a water course or lake was noted to be possible.	Section 4.2.2
		Spill of 85 L of fuel to the ground on November 12, 1992, at 108 Spadina Avenue (250.9 m southwest of the Phase One Property). Environmental impact in the form of soil contamination was noted to be possible.	Section 4.2.2

Source: Table 2, Schedule D, O. Reg. 153/04

Based on an inferred direction of local groundwater flow to the north-northeast and a regional groundwater flow to the north, the majority of the PCAs in the Phase One Study Area are located cross-gradient or downgradient to the Phase One Property, and are therefore not considered PCAs that may contribute to areas of potential environmental concern (APECs) at the Phase One Property. In addition, it is anticipated that groundwater impacts resulting from PCAs on properties located on the east side of Loretta Avenue North are cross-gradient from the Phase One Property and/or are being intercepted at Loretta Avenue North through leakage into the storm sewer trunk beneath this road.

The following APECs and contaminants of potential concern were identified at the Phase One Property; current/previous environmental assessment of each APEC is indicated:



APEC ID	Location of Area of Potential Environmental Concern on Phase One Property	PCA(s)	Contaminants of Potential Concern	Potentially Affected Media	Current/Previous Assessment?
A	Vicinity of former Bunker C oil UST located at Loretta Avenue North entrance: Documented soil and groundwater impacts at former UST location and extending beneath boiler room in the northeastern portion of the building.	28. Gasoline and Associated Products Storage in Fixed Tanks (Former Bunker C Oil Tank)	PAHs, BTEX, PHCs	Soil and groundwater	Monitored through Contaminant Management Plan (CMP) Annual Groundwater Monitoring Program. PAHs assessed for groundwater in 2015 (BluMetric, 2015b).
B	Ink mixing room and solvent storage room in the northeastern portion of the building on the Phase One Property: Documented PHC impact extending on to City of Ottawa right of way.	31. Ink Manufacturing, Processing and Bulk Storage 51. Solvent Manufacturing, Processing and Bulk Storage (Former Solvent Storage Tanks)	VOCs, BTEX, PHCs	Soil and groundwater	Monitored through CMP. VOCs assessed for groundwater in 2015 (BluMetric, 2015b).
C	Southeast portion of the building on the Phase One Property: Documented metals and PAH impacts to soils at former nickel/chrome plating location in east end of cafeteria. Second nickel/ chrome plating location located north of cafeteria.	33. Metal Treatment, Coating, Plating and Finishing	Metals, PAHs	Soil and groundwater	No (Note: HCE. 2017 monitoring well BH16-6E located immediately to east. Groundwater sampled in September 2016 with no metals or PAH impacts identified).
D	East end of Boiler Room: Diesel fuel storage in above ground storage tank. Location of two transformers without documented history of PCB oil testing.	28. Gasoline and Associated Products Storage in Fixed Tanks (Diesel Fuel for Backup Generator) 55. Transformer Manufacturing Processing and Use.	PHCs, PCBs	Soil and Groundwater	PHCs Monitored through CMP.



APEC ID	Location of Area of Potential Environmental Concern on Phase One Property	PCA(s)	Contaminants of Potential Concern	Potentially Affected Media	Current/Previous Assessment?
E	North End of Building and South End of Parking Lot: Former location of ink effluent treatment system #1 that used in-ground open concrete tank and discharged to sanitary sewer. Potential leakage from concrete tank and sanitary sewer system.	1. Acid and Alkali Manufacturing, Processing and Bulk Storage (Operation of Effluent System)	Metals (used in inks)	Soil and Groundwater	No
F	North Parking Lot: Potential presence of fill material of poor environmental quality beneath north parking lot. Documented presence of fill material adjacent to parking lot at Laurel Street exceeding O. Reg. 153/04 Table 3 SCS for arsenic and lead.	30. Importation of Fill Material of Unknown Quality	Metals, PAHs	Soil and groundwater	No

Source: Table 2, Schedule D, O. Reg. 153/04

Based on the information obtained through this Phase One ESA, it is the opinion of the Qualified Person (QP) that a Phase Two ESA would be required before a Record of Site Condition could be filed.



2. INTRODUCTION

2.1 PHASE ONE PROPERTY INFORMATION

Municipal Address(es), Property Identification Number (PIN) and Property Description

The Phase One Property consists of a rectangular-shaped parcel of land at 975 Gladstone Avenue in the City of Ottawa, Ontario (Figure 1). The Phase One Property occupies a total area of approximately 4.46 acres, with a frontage of approximately 85 m along each of Gladstone Avenue to the south and Laurel Street to the north, and a frontage of approximately 210 m along each of Breezehill Avenue North to the west and Loretta Avenue North to the east. The Phase One Property is comprised mostly of the Canadian Bank Note Company, Limited (CBN) building, with a footprint of approximately 2.4 acres, and an employee parking lot.

The Phase One Property is comprised of the following (City of Ottawa, 2019):

Legal Description	PIN	Current Legal Municipal Address
PLAN 92 LOTS 15 TO 28; LORETTA W & BREEZEHILL E; PLAN 92 LANE CLSD BY CRT; ORDER CR259601	041070009, 041070010 & 041070011	975 Gladstone Avenue, Ottawa, Ontario

Name, Address, and Other Contact Information for the Property Owner:

The Phase One Property is currently owned by Canadian Bank Note Company, Limited.

Name, Status, and Other Contact Information for Any Other Person who Engaged the Qualified Person to conduct the Phase One ESA:

In April 2019, BluMetric Environmental Inc. (BluMetric™) was retained by Canadian Bank Note Company, Limited to complete a Phase One Environmental Site Assessment (ESA) of the property.

The principal client contact is as follows:

Ms. Rosana Bianchini, Environmental Compliance Manager
Canadian Bank Note Company, Limited
145 Richmond Road, Ottawa, ON K1Z 1A1
613-722-3422 ext 1122
rbianchi@cbnco.com



2.2 TERMS OF REFERENCE

In April 2019, BluMetric was retained by Canadian Bank Note Company, Limited to prepare a Phase One ESA of the property at 975 Gladstone Avenue in Ottawa, Ontario (subsequently referred to as the “Phase One Property”). This Phase One ESA is being performed in support of a Site Plan Approval application for the construction of a building addition. As per the requirements of the City of Ottawa Site Plan Approval process, the Phase One ESA is being completed in accordance with Ontario Regulation (O. Reg.) 153/04, with the exception of the completion of a stamped plan of survey. It is our understanding that filing of a Record of Site Condition (RSC) with the Ministry of the Environment, Conservation and Parks (MECP) is not required.

In general terms, the purpose of a Phase One ESA is to determine if a property is subject to actual or potential contamination. The tasks of a Phase One ESA typically include:

- Reviewing environmental source information about the Phase One Property;
- Inspecting the Phase One Property for evidence of current or past potentially contaminating activities (PCAs) that could contribute to areas of potential environmental concern (APECs);
- Noting PCAs in the Phase One Study Area that could contribute to APECs at the Phase One Property;
- Interviewing site personnel or other knowledgeable parties about past and present operations and activities;
- Reviewing environmental documentation and site operating records that the property owner, operator, or client can provide;
- Making inquiries to provincial and municipal agencies about environmental records on file;
- Identifying APECs on the Phase One Property; and,
- Using the assembled information to prepare a report.

Since Phase One ESAs do not include the testing of samples or the measuring of environmental parameters, the conclusions presented in a Phase One ESA report often are limited to identifying PCAs that may contribute to APECs at the Phase One Property.

Since CBN produces high level security document-related products (banknotes, passports, etc.), limited information on processes and building layout is provided herein.



2.3 GENERAL DESCRIPTION OF THE PHASE ONE PROPERTY

The Phase One Property is bounded by Laurel Street to the north, Loretta Avenue North to the east, Gladstone Avenue to the south, and Breezehill Avenue North to the west. The Phase One Property itself and all land immediately east and north are occupied by light industrial/commercial establishments. Lands immediately west and south are residential. Current zoning of the Phase One Property is identified as General Industrial Zone (IG1 H(11)).

The Phase One Property (see Figure 1) has a total area of approximately 4.46 acres and is rectangular in shape, with a frontage of approximately 85 m along each of Gladstone Avenue to the south and Laurel Street to the north, and a frontage of approximately 210 m along each of Breezehill Avenue North to the west and Loretta Avenue North to the east. The Phase One Property is comprised mostly of the CBN building, with a footprint of approximately 2.4 acres, and an employee parking lot. The general location of the Phase One Property is shown in Figure 2.

3. SCOPE OF INVESTIGATION

This Phase One ESA is being performed in support of a Site Plan Approval application for the construction of a building addition. As per the requirements of the City of Ottawa Site Plan Approval process, the Phase One ESA is being completed in accordance with O. Reg. 153/04, with the exception of the completion of a stamped plan of survey. It is our understanding that filing of a Record of Site Condition (RSC) with the Ministry of the Environment, Conservation and Parks (MECP) is not required.

The following tasks were undertaken in May and June 2019 to prepare this report:

- A review of records. Requests for information were filed with the Technical Standards and Safety Authority (TSSA), the Ministry of the Environment, Conservation and Parks (MECP), and ECOLOG ERIS (which also included a search for city directory records). The assembled information is presented in Section 4;
- A review of existing environmental reports, if any (Section 4.1.5);
- An assessment of the physical site conditions (see Section 4.3);
- An interview was conducted for the Phase One Property. The details of the interview are provided in Section 5;
- A reconnaissance of the Phase One Property and the Phase One Study Area. This information is presented in Section 6;
- Based on the accumulated information, identification of any PCA within the Phase One Study Area that may represent an APEC for the Phase One Property; and,
- Presentation of the study findings in a Phase One ESA report.



4. RECORDS REVIEW

4.1 GENERAL

4.1.1 Phase One Study Area

The qualified person, Robert Hiller, QP_{ESA} (subsequently referred to as the QP), determined that the conventional distance of 250 m from the Phase One Property boundary was adequate for defining the Phase One Study Area for all records reviewed, with the exception that a distance of 2 km was appropriate for reviewing records that pertain to active or former waste disposal sites, coal gasification plants, and coal tar sites, given that such sources can cause impacts that extend for distances of more than 250 m. The Phase One Property and Phase One Study Area are illustrated in Figure 3.

The search radius for historical records requested from ECOLOG ERIS (discussed in sections 4.2.1, 4.2.2 and 4.2.7) was set to 250 m from the boundary of the Phase One Property. In these database searches, each property surrounding the Phase One Property was identified as a point representing the municipal address of a given property. In the historical records searches, the inclusion or exclusion of properties located partially within the Phase One Study Area depended on whether this point was located within the study area buffer created by ECOLOG ERIS.

The geographic location of the Phase One Study Area was assessed in consideration of its location within the mapped area of the Rideau River watershed and an inferred groundwater flow direction to the north/northeast towards Loretta Avenue North and the Ottawa River.

4.1.2 First Developed Use Determination

Based on historical air photos (see Section 4.3.1 below), the first developed use of the Phase One Property pre-dates the 1928 air photo which indicates property use for community garden plots. The community garden plots are evident up to and including the 1945 air photo. Past environmental reports indicate that the building on the Phase One Property was first constructed in 1947 and used for printing and plating activities since 1948 (Section 4.1.5).



4.1.3 Fire Insurance Maps

A Fire Insurance Map (FIM) from December 1956 with coverage of the Phase One Property and the western and southern portions of the Phase One Study Area was available in a Phase One ESA report for the properties at 951 Gladstone Avenue and 145 Loretta Avenue North (DST, 2017). The FIM shows the building on the Phase One Property as occupying a footprint of 240 by 300 feet, and owned by the British American Bank Note Co. Limited. The building is noted to be used for “printing, etc.” A battery room is identified in the northern portion of the building. The properties in the western and southern portions of the Phase One Study Area appear to be occupied by residential dwellings.

The 1956 FIM does not identify conditions likely to pose an environmental concern to the Phase One Property.

A copy of the FIM is included in Appendix 10.3.

4.1.4 Chain of Title

A chain of title search was not received or requested as part of this Phase One ESA. However, information regarding historical property ownership was gleaned from the environmental reports reviewed as part of this Phase One ESA and is summarized in Section 4.1.5.

4.1.5 Environmental Reports

The following environmental reports were provided by CBN, obtained on-line at the City of Ottawa website or received through a 2015 City of Ottawa Municipal Freedom of Information and Protection of Privacy Act (MFIPPA) request:

- AGRA Earth & Environmental Limited (AGRA), 1999. Status Report, B A Bank Note, 975 Gladstone Avenue, Ottawa, Ontario.
- Dillon 2006. Supplemental Subsurface Characterization Report, B A International Facility, 975 Gladstone Avenue, Ottawa, ON.
- Dillon Consulting, 2007. Gladstone Avenue Remediation, BAI Groundwater Monitoring (April 2007).
- Dillon Consulting, 2007. BAI Groundwater Monitoring (November 2006) and DPE System Operation.
- Franz Environmental Inc., 2010. 975 Gladstone Ave, BA International Inc. Groundwater Monitoring Program Spring 2010 results.



- Franz Environmental Inc., 2011. BA International Inc. 2010 Groundwater Monitoring, Fall Sampling Results, 975 Gladstone Ave., Ottawa, ON.
- Franz Environmental Inc., 2012. BA International Inc. Groundwater Monitoring 2011 Summary Report, 975 Gladstone Ave., Ottawa, ON.
- Pinchin Environmental, 2012. Limited Peer Review – Cost Estimate and Scope of Work, 975 Gladstone Avenue, Ottawa, ON.
- Pinchin Environmental, 2013. Groundwater Treatment System Inspection and Upgrade, Scope of Work and Cost Estimate, 975 Gladstone Avenue, Ottawa, ON.
- Pinchin Environmental, 2013. Off-Site Migration Summary Letter, 975 Gladstone Avenue, Ottawa, ON.
- Pinchin Environmental, 2013. Groundwater Treatment System Recommissioning, Scope of Work and Cost Estimate, 975 Gladstone Avenue, Ottawa, ON.
- BluMetric Environmental Inc., 2014. Management Plan for Subsurface Environmental Issues, 975 Gladstone Avenue, Ottawa, Ontario.
- BluMetric Environmental Inc., 2015a. Soil Quality Verification Sampling for Cafeteria Renovation. Canadian Bank Note Company, Limited. 975 Gladstone Avenue, Ottawa, Ontario.
- BluMetric Environmental Inc., 2015b. 2015 Environmental Site Assessment Program, 975 Gladstone Avenue, Ottawa, ON.
- BluMetric Environmental Inc., 2016. 2016 Groundwater Monitoring Program Results. 975 Gladstone Avenue, Ottawa, ON.
- Houle Chevrier Engineering (HCE), 2016. Subsurface Investigation Report Loretta Avenue Reconstruction, Ottawa, ON.
- HCE, 2017. Limited Phase II Environmental Site Assessment, Infrastructure Upgrades, Loretta Avenue North and South and Laurel Street (from Breezehill Avenue to Loretta Avenue North) Ottawa, ON.
- BluMetric Environmental Inc., 2017. 2017 Groundwater Monitoring/Sampling Event Results. 975 Gladstone Avenue, Ottawa, ON.
- BluMetric Environmental Inc., 2018a. 2018 Groundwater Monitoring/Sampling Event Results. 975 Gladstone Avenue, Ottawa, ON.
- BluMetric Environmental Inc., 2018b. Installation and Sampling of Two Monitoring Wells at Former Bunker C Oil UST Location. 975 Gladstone Avenue, Ottawa, Ontario.

The AGRA (1999) report (partial report with odd pages only) and the Dillon Consulting (2006 and 2007) documentation were on file with the City of Ottawa and obtained through the City of Ottawa MFIPPA request.

Information gleaned from the reports listed above is summarized into the subsections below.



General Site History

The building on the Phase One Property was reportedly used for printing and plating activities since 1948. The building was reportedly first constructed in 1947, with additions constructed in 1968, 1978, and 1989 (Franz Environmental Inc., 2011). The building is primarily brick construction on a concrete slab approximately 0.2 m thick (Dillon, 2006).

British American Bank Note (also previously operating as B A Bank Note, B A International Facility, and British American Bank Note Company) originally operated on site. Historical operations on site included the manufacturing of inks, electroplating, etching, photo processing, printing and wastewater treatment related to banknote paper printing and brand protection (AGRA, 1999). B A International Facility leased the facility from Quebecor Inc. until 2008, at which point the property was purchased by 975 Gladstone (Ottawa) Capital Inc. (Franz Environmental Inc., 2011). After operations were shut down in 2012, the property was acquired by Canadian Bank Note Company, Limited (CBN) in 2013 (BluMetric, 2018a).

Previous and On-going Environmental Site Investigations

The environmental reports review indicates previous environmental site investigations for the Phase One Property dating back to 1993 (AGRA, 1999). These investigations identified and assessed the following areas of potential environmental concern on the Phase One Property:

- A former 5,000 imperial gallon Bunker C heating oil underground storage tank (UST), located at the Loretta Avenue North Loading Dock. The UST and its associated product lines and vent pipes were removed in 1994;
- Two former solvent USTs, with capacities of 750 L and 1,900 L, formerly located inside the east wall of the plant. The USTs are reported to have been removed during construction of a plant addition in 1979. The tanks were used to store benzene and other solvents of unknown composition;
- Four former 1,900 L USTs located under the concrete floor slab in the ink mixing room. The USTs were formerly used to store solvents, and per AGRA, 1999, were decommissioned in-situ in 1993.
- During a cafeteria renovation project in 2015 (near southeast corner of building), a chemical odour was noted and a tar-based sealant was observed during concrete floor removal. Two concrete vaults from the former nickel and chrome plating process were uncovered during the excavation (BluMetric, 2015a).

Further details on the environmental conditions found for each of the above areas is provided as follows.



Former 5,000 Imperial Gallon Bunker C Heating Oil UST at Loretta Avenue North Loading Dock

This former UST was used to contain heating fuel products including Bunker C fuel and No. 2 fuel at different times in the past and was reported to be inactive for at least ten years prior to its removal in 1994. Subsurface remediation was carried out at the time of UST removal. However, not all subsurface impact was removed due to the presence of a storm sewer and structural impact concerns with excavation near/beneath the building foundation. Subsurface impacts extending beneath the building foundation to the north (area identified as the boiler room) were left in place. Since 1994 a semiliquid petroleum hydrocarbon (PHC) has been observed in monitoring wells in the vicinity of the former UST and boiler room. The petroleum hydrocarbon has been observed as a viscous black highly weathered oil/sludge and the groundwater monitoring wells near the former UST location have become fouled over time (BluMetric, 2015b). The affected monitoring wells were sealed and abandoned in May 2018 (BluMetric, 2018a) and two new replacement monitoring wells, MW6-18 and MW7-18, were installed at the former Bunker C oil UST location in the fall of 2018 (BluMetric, 2018b) and are discussed further below.

As of July 2018 (BluMetric, 2018a), groundwater sampling completed down gradient (to the east) of the former Bunker C oil UST location included monitoring wells MW2 and MW3 located on City of Ottawa property and BHD-06 located on CBN property near the east property line. The 2015, 2016, 2017, and 2018 groundwater sampling results for these well locations did not identify petroleum hydrocarbon (PHC) impacts to groundwater, with the exception of a PHC F3 detection (144 $\mu\text{g/L}$) for a blind duplicate sample obtained at BHD-06 during the July 2018 sampling event. The PHC F3 detection was marginally above the laboratory detection limit of 100 $\mu\text{g/L}$. The 2015 groundwater sampling event for these wells (BluMetric, 2015b) included polycyclic aromatic hydrocarbon (PAH) analyses and the results did not identify PAHs as a contaminant of concern for local groundwater.

In October 2018, two new boreholes / monitoring wells, MW6-18 and MW7-18, were installed at/near the former Bunker C oil UST location (BluMetric, 2018b). MW7-18 is located in the proximity of the former UST location, while MW6-18 is located 7 m down gradient (to the east) of the former UST location. Soil analytical results at MW7-18, located closest to the former UST location, indicated PHC and PAH impacts from 2.4 to 4.3 m depth. For MW6-18 (7 m to the east of MW7-18), only PHC impacts to soil were indicated and extend from 3.7 to 5.5 m depth. The absence of PAH impacts at MW6-18 were considered an indication that PAH impacts to soil are localized to the former UST location. Analytical results for groundwater samples from MW6-18 and MW7-18 were below the applicable comparison standards (O. Reg. 153/04, Table 3) for all PHC and PAH parameters, indicating groundwater quality impacts originating from the former Bunk C oil UST location do not extend off property. Of note, a small quantity of heavily



weathered oil was observed at MW6-18 immediately after well installation, but was no longer apparent after groundwater purging and well development. Based on the presence of weathered oil within some fissures in the soil intersected by the borehole followed by acceptable groundwater quality sampling results for MW6-18, it was concluded that the residual oil present is trapped/immobile and does not influence local groundwater quality. Excavation was deemed the only possible means for removing the oil trapped in soils. However, excavation remains not possible at the current time due to concerns for structural impacts to the building foundation and the presence of subsurface utilities.

Groundwater quality monitoring is conducted on an annual basis for the former Bunker C oil UST location as part of a Contaminant Management Plan (CMP) implemented for the Phase One Property. The addition of monitoring wells MW6-18 and MW7-18 to the annual groundwater monitoring/sampling program was a recommended provided in BluMetric, 2018b. The annual groundwater monitoring report for the phase One Property is provided to the City of Ottawa.

Former Solvent Storage Tank(s)

As per AGRA, 1999, a total of six (6) solvent USTs were historically present in the eastern portion of the building. Two solvent storage tanks, located along the east side of the plant and with capacities of 750 L and 1,900 L, were removed during construction of the eastern plant addition in 1979. The tanks were reportedly used to store benzene and other carrier solvents. Four additional USTs, with capacities of 1,900 L each, were located approximately 10 m southwest of the tanks removed in 1979. These USTs were located in the ink mixing room under the concrete floor slab. The four USTs were decommissioned in-situ (filled with concrete) in 1993 by B A Bank Note. Contents of these former USTs are reported to have included linseed oil, benzene and various different carrier solvents used in the mixing of inks.

Since 1994, liquid phase hydrocarbon (LPH) has been observed in monitoring wells installed near the east building wall. The LPH is described as brown in colour and is less viscous compared to the LPH observed near the former Bunker C UST. Findings from soil sampling and groundwater sampling at both former UST locations attribute the presence of LPH to the USTs removed in 1979 and not to the four USTs in the mixing room and decommissioned in-situ in 1993 (BluMetric, 2015b).

Groundwater impacts in this site area are detected primarily as PHCs in the F1 and F2 fractions. Low levels of acetone, benzene, and ethylbenzene were also detected for a sample collected at BH7 (located at the 1979 UST removal location) in 2015 (BluMetric, 2015b). LPH was observed at monitoring well BH7 during monitoring events between 1994 and 2010. However, LPH has not been detected for BH7 since 2010 (BluMetric, 2018a). The east property line is situated at/near the exterior east building wall. Down gradient (to the east) of BH7, LPH has been observed at BH12



(located on the Loretta Avenue North right-of-way) since 1999 and a hydrophobic bailer used for collection of oil product is installed at this well location. As of July 2018 (BluMetric, 2018a) LPH continues to be observed at BH12 and groundwater impact exceeding O.Reg. 153/04 Table 3 SCS for PHC F1 and F2 is present at monitoring well BH7. Previously in 2015, 1 mm of LPH was measured in the newly installed monitoring well MW5 located on the Loretta Avenue North right-of-way southeast of BH12. However, no LPH was found at this location in 2016, 2017, and 2018 and groundwater sampling results for MW5 have not identified any PHC impact. The lateral extent of groundwater impact towards the northeast of BH12 has not been delineated further due to the presence of a main water trunk, and sanitary and storm sewer trunks beneath Loretta Avenue North. The low static groundwater levels (>4.5 m below ground surface) for nearby monitoring wells indicate that groundwater impacts are at a significant depth and any overlying soil impact due to upward vapour intrusion are likely to be limited. The City of Ottawa has informed CBN of plans for road and municipal servicing upgrades to Loretta Avenue North. The scope of the upgrade program and whether any excavation will extend below 4.5 m depth and encounter potential environmental impacts is unknown. CBN has communicated to the City of Ottawa its desire to be informed of the work schedule for Loretta Avenue North so that it can participate in the removal/disposal of any subsurface impacts encountered during the work program.

Groundwater quality monitoring is conducted on an annual basis for the former solvent storage UST location as part of the CMP implemented for the Phase One Property. The CMP includes the inspection of BH12 in the spring, summer and fall for LPH removal. The annual monitoring reports are provided to the City of Ottawa.

Cafeteria Renovation Project (BluMetric, 2015a)

In January 2015, soil and concrete was excavated inside the southeast corner of the CBN building as part of a cafeteria renovation project. Green staining was noted for the concrete which was directly underlain by a tar-based sealant. The location was identified as a former location for nickel and chrome plating operations. Two concrete vaults from the former chrome plating process were uncovered during the excavation; the vaults were found to be filled in with waste concrete and gravel. Concrete sample analyses for visibly stained concrete exceeded O.Reg. 553 Schedule 4 for chromium while concrete without staining tested as a non-hazardous waste. Soil samples collected beneath the concrete slab and analysed for PAHs, volatile organic compounds (VOCs) and metals identified a number of PAH parameters and several metals parameters at levels exceeding O. Reg. 153/04 Table 3 SCS.



Excavation activities were limited to the eastern portion of the cafeteria. A cast iron storm drain was observed running west to east through the northeast portion of the cafeteria. Drainage tiles were also observed running south to north in the excavation area, approximately 1.0 m below grade. A total of 21.73 metric tonnes of 'stained' concrete material was managed and disposed as hazardous material. A total of 12.62 metric tonnes of concrete material that was not stained was disposed as nonhazardous waste. A total of 178.9 metric tonnes of soil was excavated from the cafeteria, and disposed as non-hazardous waste.

Water was encountered and required removal during excavation activities. Water was derived from the drainage tiles encountered in the excavation along with groundwater infiltration. Laboratory analytical results for the excavation water indicated that the water quality was in compliance with the Sewer Use By-Law standards. Less than 5,000 L of excavation water was discharged to the municipal combined sewer system during the course of excavation activities.

The O.Reg. 153/04 Table 3: Full Depth Generic SCS in a Non-Potable Ground Water Condition for industrial property use (medium to fine textured soils) were selected for comparison to the soil quality verification sampling results. After three sampling events and additional soil removal based on findings from the first two events, the soil samples from the final extents of the remedial excavation were below the Table 3 SCS at thirteen of sixteen sampling locations. Three sample locations had measured concentrations exceeding the SCS for one or more PAH or metals parameters. The contaminants of concern (COCs) identified included chromium VI (one soil sample exceedance), chromium (two soil sample exceedances), nickel (two soil sample exceedances), and benzo(a)pyrene (one soil sample exceedance). Based on the observed magnitude of analytical results exceeding the Table 3 SCS, the depth of remaining impacted soils (1.5 m or greater below the concrete floor) and the unstable excavation conditions present due to groundwater saturation, it was advised by BluMetric that no further soil removal be conducted.

BluMetric, 2015a provides a risk opinion on worker/human exposure for the COCs. No concern/risk for worker/human exposure to chromium VI and chromium in soil based on the analytical results for the cafeteria was identified. Since the excavation was backfilled with clean imported fill and the concrete floor reinstated, an effective barrier was in place for any potential contact with soils at depth. Based on the risk opinion assessment for nickel and benzo(a)pyrene, it was recommended that CBN implement a soil management plan that documents the potential presence of these contaminants in soils near the cafeteria. The soil management plan would implement enhanced health and safety protocols for any activity that might require the excavation/disturbance of this soil. It was recommended the soil management plan include the western portion of the cafeteria (which was not excavated) and areas beyond the north, east, and south limits of the soil excavation where soil testing has not yet been conducted to confirm soil quality conditions.



Former Dual Phase Extraction (DPE) Remediation System

A dual phase extraction (DPE) soil/groundwater remediation system was designed and installed by AGRA in 2001. The system operated at the Phase One Property from 2001 to 2007. The system included eight extraction wells located on the City of Ottawa right-of-way and four wells located on the Phase One Property near the former Bunker C Heating Oil UST location; the wells were advanced to approximately 6 m below ground surface, and terminated on bedrock. The DPE system was shut down in 2007 due to the fouling of the extraction wells. Replacement of the extraction wells and re-commissioning of the DPE system was not recommended in subsequent years because subsurface impacts were assessed as generally immobile and the low permeability soil conditions hindered any benefit from DPE system operation (Franz Environmental, 2010, 2011 and 2012). The full decommissioning of the DPE system and former extraction wells was completed in May 2018 under the supervision of BluMetric (BluMetric, 2018a).

Monitoring Well Network

More than 30 monitoring wells have been constructed at the Site since 1993 with some wells having been paved or concreted over and lost over time. A monitoring well network inventory was completed in 2015 and only 15 wells (including 5 new wells constructed in 2015) were deemed potentially suitable for groundwater monitoring and sampling. Monitoring well repairs and well decommissioning recommendations were completed in May 2018 (BluMetric, 2018a). At this time it was identified by the City of Ottawa that the sidewalks along the west side of Loretta Avenue would be replaced in combination with planned road and sewer upgrades and that all monitoring wells located on the sidewalk (includes BH11, BH12, and BH13) would require sealing and abandonment. However, the City of Ottawa requested that the well decommissioning not occur until the sidewalk upgrades are scheduled. This request was based on concerns that the decommissioned well locations could present a potential slip/trip hazard for pedestrians.

Other Salient Information

Static water levels for the five (5) new monitoring wells installed in 2015 (BluMetric, 2015b) indicate a water table that is approximately 0.5 m above the 54-inch diameter storm sewer trunk beneath Loretta Avenue North. A steep groundwater gradient between the Phase One Property and Loretta Avenue North has been indicated in the annual monitoring reports. Since storm sewer systems are typically 'leaky' it is likely that groundwater is entering the storm sewer system and is influencing local groundwater flow.



City of Ottawa Investigations for Loretta Avenue North Reconstruction (HCE, 2016 and 2017)

In 2016, a subsurface investigation was carried out for the proposed reconstruction of Loretta Avenue, the purpose of which was to identify the general subsurface conditions by means of a limited number of boreholes and monitoring wells installed along the Loretta Avenue North right of way (HCE, 2016). The subsurface investigation report was followed by a Limited Phase II ESA report where soil and groundwater quality conditions were assessed at the same borehole/monitoring well locations, as compared to applicable provincial and municipal standards (HEC, 2017).

Seven (7) of the boreholes that were advanced as part of the subsurface investigation were located adjacent to the Phase One Property, along the northern and eastern property boundaries (i.e. along Laurel Street and Loretta Avenue North, respectively). Fill material with a reported thickness of between 0.9 and 4.6 m was encountered in the seven boreholes; the fill material was generally composed of grey, crushed sand and gravel, brown sand, brown sand and gravel, brown silty sand, and grey brown silty sand. Groundwater levels measured in the well screens of the boreholes along Laurel Street and Loretta Avenue North indicate a groundwater flow direction to the north-northeast.

Four (4) of the boreholes along the northern and eastern boundaries of the Phase One Property were completed as monitoring wells, and soil and groundwater samples were submitted for laboratory analysis of selected parameters. The analyses yielded the following salient information:

- At the borehole on Laurel Street, near the middle of the northern boundary of the Phase One Property, concentrations of arsenic and lead exceeding O.Reg. 153/04 Table 1 and Table 3 site condition standards (SCS), and concentrations of fluoranthene exceeding O.Reg. 153/04 Table 1 SCS, were identified within the shallow fill material at depths of 0 to 0.51 m below ground surface (bgs);
- Among the other soil samples analyzed for PAHs and metals, or for PHCs and VOCs, no other O.Reg. 153/04 Table 1 or Table 3 exceedances were identified;
- Groundwater samples from the four monitoring wells were analyzed for PHCs, metals, PAHs and VOCs. None of the analyzed groundwater quality parameters exceeded O.Reg. 153/04 Table 3 SCS. Of note, no metals or PAH exceedances were identified at monitoring well BH16-6E located northeast of the southeast corner of the CBN building, near the location of the former nickel and chrome plating operations.



Summary of Findings – Environmental Reports

PHASE ONE PROPERTY

Based on a review of past environmental reports, PCAs as defined in O. Reg. 153/04, as amended, were identified for the Phase One Property. The following PCAs were identified at the Phase One Property from historical or current activities and described below:

Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity
28.	Gasoline and Associated Products Storage in Fixed Tanks	Former 5,000 imperial gallon Bunker C heating oil UST, at the Loretta Avenue North Loading Dock.
30.	Importation of Fill Material of Unknown Quality	Potential presence of poor quality fill material beneath parking lot at north end of Phase One Property.
31.	Ink Manufacturing, Processing and Bulk Storage	Ink mixing room in the northeastern portion of the building.
33.	Metal Treatment, Coating, Plating and Finishing	Southeast corner of the building (former nickel and chrome plating activities at the current cafeteria location).
51.	Solvent Manufacturing, Processing and Bulk Storage	Six former solvent USTs in the mixing room and solvent storage room in the northeastern portion of the building.

Source: Table 2, Schedule D, O. Reg. 153/04

PHASE ONE STUDY AREA

Based on a review of past environmental reports, the following PCAs were identified for the Phase One Study Area:

Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity
30.	Importation of Fill Material of Unknown Quality	Documented arsenic and lead impacts to shallow fill material on Laurel Street (HCE, 2017).

Source: Table 2, Schedule D, O. Reg. 153/04



4.2 ENVIRONMENTAL SOURCE INFORMATION

4.2.1 Federal Government Database Records

A search of the following federal databases was undertaken by Environmental Risk Information Services Inc. (ERIS) in May 2019:

Dry Cleaning Facilities (**DRYCLEANERS**)
Environmental Effects Monitoring (**EEM**)
Environmental Issues Inventory System (**EIIS**)
Federal Convictions (**FCON**)
Waste Generators Summary (**FCS**)
Fisheries and Oceans Fuel Tanks (**FOFT**)
Greenhouse Gas Emissions from Large Facilities (**GHG**)
Indian & Northern Affairs Fuel Tanks (**IAFT**)
National Analysis of Trends in Emergencies System (**NATE**)
National Defence & Canadian Forces Fuel Tanks (**NDFT**)
National Defence & Canadian Forces Spills (**NDSP**)
National Defence & Canadian Forces Waste Disposal Sites (**NDWD**)
National Energy Board Pipeline Incidents (**NEBI**)
National Energy Board Wells (**NEBW**)
National Environmental Emergencies System (**NEES**)
National PCB Inventory (**NPCB**)
National Pollutant Release Inventory (**NPRI**)
Parks Canada Fuel Storage Tanks (**PCFT**)
Transport Canada Fuel Storage Tanks (**TCFT**)

Descriptions of these databases are provided in Appendix 10.3.

PHASE ONE PROPERTY

Federal database records identified ten (10) records for the Phase One Property, all within the National Pollutant Release Inventory (NPRI) database. The NPRI records are registered to BA International or BA Banknote for reporting years 2002 to 2011, inclusively. The records describe the activities on the Phase One Property as consisting of manufacturing, printing and related support activities. The records describe releases of the following substances:



Report year	Substance Release Report
2002	• 10.1 tonnes VOCs • 11 kg hexavalent chromium (and its compounds)
2003	• 11.1 tonnes VOCs • 11 kg hexavalent chromium (and its compounds)
2004	• 0 tonnes carbon black • 0 tonnes titanium (and its compounds) • 8.947 tonnes MSG#2 – hydrotreated light distillate • 0.213 tonnes light aromatic solvent naphtha • 0.317 tonnes GE – Ethylene glycol propyl ether (EGPE) • 0.164 tonnes GE - Ethylene glycol butyl ether acetate (EGBEA) • 13.851 tonnes VOCs • 0.026 kg hexavalent chromium (and its compounds)
2005	• 0.593 tonnes GE - Ethylene glycol butyl ether acetate (EGBEA) • 4.706 tonnes MSG#1 - Solvent naphtha medium aliphatic • 0.17 kg hexavalent chromium (and its compounds) • 0.908 tonnes MSG#1 - Hydrotreated heavy naphtha
2006	• 0.016 kg hexavalent chromium (and its compounds) • 0.836 tonnes MSG#1 Hydrotreated heavy naphtha • 2.9 tonnes MSG#1 – Solvent naphtha medium aliphatic
2007	• 0.018 kg hexavalent chromium (and its compounds)
2008	• 0.012 kg hexavalent chromium (and its compounds)
2009	• 0.003 kg hexavalent chromium (and its compounds)
2010	• 0.0003 kg hexavalent chromium (and its compounds)
2011	<i>[None reported in the Substance Release Report]</i>

PHASE ONE STUDY AREA

Federal database records identified fifteen (15) records for the Phase One Property, all within the National Pollutant Release Inventory (NPRI) database. The NPRI records are all associated with to the property at 175 Loretta Avenue North, located 144.5 m southeast of the Phase One Property, for reporting years 1995 to 2009, inclusively. The records are registered to the Traffic Operations Branch of the Regional Municipality of Ottawa Carleton (from 1995 to 1999), to the City of Ottawa Traffic Operations Division (from 2000 to 2001) and to the City of Ottawa Roads/Pavement Marking and Signs Division (from 2002 to 2009). Activities at the property are described as public administration (from 1995 to 2002), and transportation, warehousing and other support activities (from 2003 to 2009). The substance release reports identify a general increase in toluene releases with time, ranging in quantity from 0.003 tonnes in 1995, to a peak of 0.32 tonnes in 2007.

A full summary of records is provided in the ERIS report in Appendix 10.3.



Summary of Findings – Federal Government Database Records

Phase One Property

The release of substances associated with manufacturing and printing activities may pose an environmental concern to the Phase One Property.

Phase One Study Area

Based on its location cross-gradient to the Phase One Property, the release of toluene from the property at 175 Loretta Avenue North is not likely to pose an environmental concern to the Phase One Property.

4.2.2 Ontario Government Database Records

The following provincial databases were searched by ERIS in May 2019:

- Abandoned Aggregate Inventory (**AAGR**)
- Aggregate Inventory (**AGR**)
- Abandoned Mines Information System (**AMIS**)
- Ontario Borehole (**BORE**)
- Certificates of Approval (**CA**)
- TSSA Commercial Fuel Oil Tanks (**CFOT**)
- Coal Gasification Plants (**COAL**)
- Compliance and Convictions (**CONV**)
- Certificates of Property Use (**CPU**)
- Drill Holes (**DRL**)
- Environmental Activity and Sector Registry (**EASR**)
- Environmental Registry (**EBR**)
- Environmental Compliance Approval (**ECA**)
- Emergency Management Historical Event (**EMHE**)
- List of TSSA Expired Facilities (**EXP**)
- Fuel Storage Tanks (**FST**)
- Fuel Storage Tanks (**FSTH**)
- Ontario Regulation 347 Waste Generators Summary (**GEN**)
- TSSA Historic Incidents (**HINC**)
- TSSA Incidents (**INC**)
- Landfill Inventory Management Ontario (**LIMO**)
- Environmental Penalty Annual Report (**MISA PENALTY**)



Mineral Occurrences (**MNR**)
Non-Compliance Reports (**NCPL**)
Ontario Oil and Gas Wells (**OOGW**)
Ontario Inventory of PCB Storage Sites (**OPCB**)
Orders (**ORD**)
Pesticide Register (**PES**)
TSSA Pipeline Incidents (**PINC**)
Private and Retail Fuel Storage Tanks (**PRT**)
Permit to Take Water (**PTTW**)
Ontario Regulation 347 Waste Receivers Summary (**REC**)
Record of Site Condition (**RSC**)
Ontario Spills (**SPL**)
Wastewater Discharger Registration Database (**SRDS**)
Variances for Abandonment of Underground Storage Tanks (**VAR**)
Waste Disposal Sites – MOE CA Inventory (**WDS**)
Waste Disposal Sites – MOE 1991 Historical Approval (**WDSH**)
Water Well Information System (**WWIS**)

Descriptions of these databases are provided in Appendix 10.3.

PHASE ONE PROPERTY

Provincial database records identified forty-eight (48) records for the Phase One Property.

Three (3) records in the Ontario Borehole (BORE) database were identified for the Phase One Property, as follows:

Borehole ID	Easting	Northing	Total Depth (m)	DEM Ground Elevation (m)	Date	Geology
613126	443881	5028122	N/A	66.1	N/A	Silt to 0.7 m, gravel to 1.0 m, firm clay to 2.4 m, gravel to 2.7 m, clay to 3.0 m, hard gravel to 3.6 m, gravel to 8.1 m, overlying bedrock.
613129	443911	5028142	N/A	65.3	N/A	Silt to 0.6 m, gravel to 1.5 m, compact gravel to 4.7 m, sand to 4.9 m, hard gravel to 5.0 m, overlying bedrock.
613116	443941	5028042	N/A	68.1	N/A	Hard clay to 3.4 m, pebbles to 3.8 m, clay to 4.3 m, overlying bedrock.

N/A – information not specified.



Eight (8) records in the Certificates of Approval database, six (6) records in the Environmental Registry (EBR) database, and eight (8) records in the Environmental Compliance Approval database were identified for the Phase One Property. The records identify a series of CAs and ECAs for air emissions that were issued to the Phase One Property for various years between 1992 and 2016. Due to the nature of the records (air emissions), the risk associated with these records is low and not likely to pose an environmental concern to the Phase One Property.

Two (2) records in the Environmental Activity and Sector Registry (EASR) database were identified for the Phase One Property. The records describe EASRs that were issued to Canadian Bank Note Company, Limited in 2013. The first record describes an EASR registration for the use, operation, construction, alteration, extension or replacement of a heating system; review of the original EASR indicates that the heating system is used to produce or supply heat for the comfort of occupants, the maintenance of a building or structure, the provision of a suitable temperature for materials, plant or animal life, or heating hot water for domestic purposes. The second record describes an EASR registration for the use, operation, construction, alteration, extension or replacement of a standby power system. Review of the original EASR confirms that the system is to be used only for the provision of electrical power during power outages or involuntary power reductions. The EASR records do not identify conditions likely to pose an environmental concern to the Phase One Property.

Seventeen (17) records were identified for the Phase One Property in the Ontario Regulation 347 Waste Generators Summary (GEN) database. One record was registered to Pinchin Environmental in 2005, for the generation of heavy fuels. The remaining records were registered to BA Banknote (and later BA International Inc.) for the period 1986 to 2013, and to Canadian Bank Note Company, Limited from 2014 onwards. The records indicate that BA Banknote, and later BA International Inc. and Canadian Bank Note Company, Limited, were registered to generate the following types of wastes since 1986 (note: not all waste types were generated each year):

- 112 – Acid Waste – Heavy Metals
- 121 – Alkaline Wastes – Heavy Metals
- 122 – Alkaline Wastes – Other Metals
- 131 – Neutralized Wastes – Heavy Metals
- 132 – Neutralized Wastes – Other Metals
- 145 – Paint/Pigment/Coating Residues
- 146 – Other Specified Inorganics
- 148 – Inorganic Laboratory Chemicals
- 150 – Inert Inorganic Wastes
- 211 – Aromatic Solvents
- 212 – Aliphatic Solvents



- 213 – Petroleum Distillates
- 221 – Light Fuels
- 231 – Latex Wastes
- 232 – Polymeric Resins
- 233 – Other Polymeric Wastes
- 241 – Halogenated Solvents
- 243 – PCBs
- 251 – Oil Skimmings & Sludges
- 252 – Waste Oils & Lubricants
- 253 – Emulsified Oils
- 254 – Transfer Station Oils Wastes
- 262 – Detergents/Soaps
- 263 – Organic Laboratory Chemicals
- 264 – Photoprocessing Wastes
- 265 – Graphic Art Wastes
- 267 – Organic Acids
- 269 – Non-Halogenated Pesticides
- 312 – Pathological Wastes
- 331 – Waste Compressed Gases
- 998 – Nonhazardous Waste

The GEN records above indicate a properly managed waste stream and are not likely to pose an environmental concern to the Phase One Property.

Four records in the Ontario Spills (SPL) database were identified for the Phase One Property, as follows:

- August 23, 2007: A small, unspecified quantity of 121 C liquid (likely corresponding to alkaline wastes – heavy metals) was spilled to the parking lot from a transport truck due to process upset. Soil contamination was noted to be possible, and a planned field response by the Ministry of the Environment (MOE, now the MECP) was noted;
- October 23, 2007: 10 L of hydraulic oil was spilled to the parking lot and drain due to equipment failure. Environmental impact was not anticipated, and the spill did not trigger a field response by the MOE;
- August 7, 2008: 50 L of effluent solution was spilled to the road. The spill was cleaned, and environmental impact was not anticipated. The spill did not trigger a field response by the MOE;



- March 11, 2009: 20 L of caustic solution (< 20%) was spilled to the pavement. The cause of the spill was unknown. The spill was cleaned, and environmental impact was not anticipated. The spill did not trigger a field response by the MOE.

As the spills described above were not expected to result in environmental impact and/or involved limited quantities of spilled fluid, the spills are not likely to pose an environmental concern to the Phase One Property.

PHASE ONE STUDY AREA

Provincial databases contain one hundred and seventy-four (174) records for addresses located within the Phase One Study Area. Records of environmental interest are summarized below. A full summary of records is provided in the ERIS report in Appendix 10.3.

Breezehill Avenue North between Laurel and Gladstone (12.5 m west-southwest of the Phase One Property)

One record was identified in the Ontario Spills (SPL) database, registered to the City of Ottawa. The record indicates that on March 18, 2010, paint and pigment wastes were spilled to the storm system due to apparent negligence. Environmental impacts were not anticipated.

971 Gladstone Avenue (18.9 m southeast to 44.8 m east-southeast of the Phase One Property)

Private and Retail Fuel Storage Tanks (PRT) database:

One record was registered to Mr. Gas Limited. The record describes a retail fuel storage tank with a capacity of 45,400 L and an expiry date of June 30, 1994.

List of TSSA Expired Facilities (EXP) database:

Seven (7) records were registered to Mr. Gas Limited. The records describe a full serve gasoline station with at least one fuel tank; the station and tank(s) expired in 1993. No other information was provided about the number of tanks, their capacities, etc.

150 Breezehill Avenue North (36.7 m southwest of the Phase One Property)

One record was identified in the TSSA Historic Incidents (HINC) database. The record indicates an incident involving gaseous fuel occurred at the property, and that a Level 1 occurrence investigation was pending. No other information was provided, including the date of the incident, the quantity involved and the anticipated impacts (if any).



145 Loretta Avenue North (48.6 m east-northeast of the Phase One Property)

Five (5) records were identified in the Pesticide Register (PES) database, registered to TerraPro Corporation. The records indicate the company is a licensed operator of registered pesticides.

35 Laurel Street (71.1 m north-northwest of the Phase One Property)

Four (4) records were identified in the Ontario Regulation 347 Waste Generators Summary (GEN) database, registered to Carquest Canada Ltd. and McKerlie-Millen Inc. Operations on the property are described as “Other motor vehicle accessories, parts and assemblies”, and one of the records describe Carquest Canada Ltd. as an auto paint supply. The property at 35 Laurel Street was approved to generate wastes in the form of paint/pigment/coating residues from 1996 to 2004. While the GEN records indicate a properly managed waste stream that is not likely to pose an environmental concern to the Phase One Property, the manufacturing, processing and bulk storage of paints is a PCA.

99 Breezehill Avenue (74.9 m north-northwest of the Phase One Property)

One record was identified in the Ontario Spills (SPL) database. The record describes a spill of 5 L of transformer oil to the grass and soil by Ottawa Hydro in August 1995 due to equipment failure (cooling system leak). The spill was cleaned up, but soil contamination was noted to be possible.

995 Gladstone Avenue (80.1 m south-southwest of the Phase One Property)

One record was identified in the TSSA Historic Incidents (HINC) database. The record describes an incident on July 12, 2007, in which natural gas was released due to a pipeline strike. Property damage and service interruption were reported. No information was provided about any anticipated environmental impacts.

166 Loretta Avenue (90.6 m south-southeast of the Phase One Property)

TSSA Pipeline Incidents (PINC) database:

The record describes the release of natural gas due to pipeline damage on August 28, 2015. Property damage was reported. No information was provided about any anticipated environmental impacts.



Ontario Spills (SPL) database:

The record indicates that on July 15, 2015, natural gas was released due to operator/human error. No other information was provided.

189 Breezehill Avenue North (93.8 m south-southeast of the Phase One Property)

One record was identified in the Ontario Spills (SPL) database. The record indicates that on March 1, 2002, an unknown quantity of oil was spilled to the floor and drain of a private residence due to an above-ground tank leak. Environmental impact to a water course or lake was noted to be possible.

69 Bayswater Avenue (127.6 m northwest of the Phase One Property)

One record was identified in the Ontario Spills (SPL) database. The record indicates that on August 20, 1999, an unknown quantity of furnace oil was spilled to the basement and drain of a private residence due to an above-ground tank leak. Environmental impacts were not anticipated.

933 Gladstone Avenue (137.3 m north of the Phase One Property)

One record was identified in the Ontario Spills (SPL) database. The record indicates that on July 11, 2002, 8 L of hydraulic oil was spilled from a tow truck to the ground and storm sewer due to equipment failure. The spill was cleaned, but environmental impact to a water course or lake was noted to be possible.

175 Loretta Avenue North (144.5 m southeast of the Phase One Property)

Fuel Storage Tank (FST) database:

Two records were identified, registered to the Regional Municipality of Ottawa Carleton. The records describe two liquid fuel tanks, installed in 1991, for a private self-serve fuel outlet. Each tank is described as a 22,700 L, single-wall steel UST. One tank contains diesel, while the other contains gasoline.

Fuel Storage Tank – Historic (FSTH) database:

Two records were identified, registered to the Regional Municipality of Ottawa Carleton. The records describe a private, self-serve fuel outlet, installed in 1991, containing two 22,700 L, single-wall USTs, containing diesel and gasoline. As of December 2008, both tanks were active.



Private and Retail Fuel Storage Tanks (PRT) database:

One record was registered to the Regional Municipality of Ottawa Carleton. The record describes a private fuel storage tank, with a capacity of 45,000 L. No other information was provided.

Ontario Spills (SPL) database:

One record was identified in the SPL database. The record indicates that on December 10, 1992, 25 L of diesel fuel was spilled to the ground due to an underground tank being overfilled. Environmental impacts were not anticipated.

114 Bayswater Avenue (150.5 m west-southwest of the Phase One Property)

One record was identified in the TSSA Pipeline Incidents (PINC) database. The record indicates that on November 11, 2014, natural gas was released due to a pipeline strike. Property damage was noted.

49 Bayswater Avenue (191.9 m northwest of the Phase One Property)

TSSA Incidents (INC):

One record was identified in the INC database. The record indicates that on an unspecified date, a contractor hit a 1-inch plastic gas pipeline with a mini excavator.

Ontario Spills (SPL) database:

One record was identified in the SPL database. The record indicates that on June 3, 2010, natural gas (compressed methane gas) was released due to damage to a 1-inch plastic gas line. The gas line was made safe, and environmental impacts were not anticipated. The SPL record and INC record described above may be documenting the same incident.

93 Spadina Avenue (192.9 m west-southwest of the Phase One Property)

TSSA Pipeline Incidents (PINC) database:

One record was identified in the PINC database. The record indicates that on November 2, 2011, natural gas was released when a gas line was struck with a pick axe during foundation repairs. Property damage and service interruption were noted, but environmental impacts were not anticipated.



Ontario Spills (SPL) database:

One record was identified in the SPL database. The record indicates that on November 2, 2011, natural gas was released for an unspecified reason. Environmental impacts were not anticipated.

1040 Somerset Street West (208.1 m north-northwest of the Phase One Property)

Three (3) records were identified in the Ontario Regulation 347 Waste Generators Summary (GEN) database, registered to Aero Mechtronics Limited. The records indicate the company has a Standard Industrial Classification code of 3041 (Coating of Metal Products). While the GEN records indicate a properly managed waste stream that is not likely to pose an environmental concern to the Phase One Property, the coating of metal products is a PCA.

1050 Somerset Street West (214.7 m northwest of the Phase One Property)

Three (3) records were identified in the Ontario Regulation 347 Waste Generators Summary (GEN) database, registered to Acklands Limited. Its activities are described as “other vehicle repair”. While the GEN records indicate a properly managed waste stream that is not likely to pose an environmental concern to the Phase One Property, the maintenance and repair of vehicles is a PCA.

108 Spadina Avenue (250.9 m southwest of the Phase One Property)

One record was identified in the Ontario Spills (SPL) database. The record indicates that on November 12, 1992, 85 L of fuel was spilled to the ground when a tank was overfilled. Environmental impact in the form of soil contamination was noted to be possible.

Other Addresses, Phase One Study Area

Twenty-two (22) records were identified in the Water Wells Information System (W/WIS) database for properties throughout the Phase One Study Area; the records are summarized in Section 4.3.5.

Twenty-seven (27) records in the Ontario Borehole (BORE) database were identified for properties in the Phase One Study Area, as follows:



Borehole ID	Easting	Northing	Total Depth (m)	DEM Ground Elevation (m)	Date	Geology
613137	443911	5028212	N/A	62.9	N/A	N/A
808369	444015	5027989	4.6	68.6	2003	Asphalt to 0.2 m; grey compact fill, misc. sand and gravel to 0.6 m; brown compact fill with misc. sand to 1.8 m; grey-brown very stiff weathered crust silty clay to 2.9 m; grey loose till, silt and sand to 4.6 m.
808372	444022	5027998	4.6	68.2	2003	Asphalt to 0.2 m; grey-brown compact to dense fill, misc. sand and gravel to 2.3 m; grey-brown loose to compact till, sand and silt to 2.4 m; grey-brown very stiff weathered crust silty clay to 4.0 m; grey-brown hard till, sand and silt to 4.6 m.
808371	444030	5027989	4.6	68.4	2003	Asphalt to 0.2 m; grey-brown compact fill, misc. sand and gravel to 3.0 m; grey-brown loose to compact till, sand and silt to 4.6 m.
847983	443955	5028268	8.5	58.5	1962	Asphalt to 0.2 m; fill (silty sand) to 0.8 m; grey clay with some gravel to 2.3 m; soft, grey clay to 6.9 m; shale bedrock to 8.5 m.
847977	444023	5028180	3.2	57.3	1962	Grey-brown clayey silt and gravel fill to 1.8 m; grey, clayey silt, fine sand and gravel (glacial till) to 3.2 m.
847982	443869	5028351	10.4	59	1962	Topsoil to 0.3 m; firm, brownish-grey, silty, sandy clay to 3.2 m; soft, grey clay with traces of silt to 5.9 m; clayey, silty sand and gravel (till) to 9.1 m; bedrock to 10.4 m.
613097	443831	5027822	N/A	72.5	N/A	Fill to 0.3 m; sand to 0.5 m; till to 0.9 m; overlying bedrock.
847976	443925	5028379	7	61	1962	Asphalt to 0.1 m; fill (gravel and sand) to 1.1 m; brown, stiff, clayey silt changing to stiff to soft grey, silty clay to 4.9 m; gravel layer to 5.9 m; dense, silty, fine sand and gravel (glacial till) to 7.0 m.
847376	443863	5027800	4.5	75.7	1959	Fill to 1.2 m; dense gravelly till to 1.9 m; broken limestone to 2.0 m; limestone to 4.5 m.
613139	443631	5028222	9.7	65.2	1970	Artificial material to 0.8 m; dense sand to 2.6 m; brown, grey, stiff, fissured clay to 3.8 m; loose, dense unspecified material to 4.6 m; dense, unspecified material to 6.6 m; bedrock to 9.7 m.
613131	444131	5028142	N/A	60.6	N/A	Gravel to 0.6 m; brown sand and gravel to 1.5 m; grey sand, silt and gravel to 2.7 m; compact boulders to 3.0 m; overlying bedrock.
847978	444170	5028024	7.4	60	1961	Brown sand, silt and gravel (probably fill) to 1.8 m; stiff grey clayey silt to 2.9 m; limestone to 7.4 m.
847377	443862	5027779	4.8	76.7	1959	Fill to 0.5 m; medium dense till to 1.1 m;



Borehole ID	Easting	Northing	Total Depth (m)	DEM Ground Elevation (m)	Date	Geology
						dense till to 1.8 m; limestone to 4.8 m.
847375	443831	5027782	6	76.2	1959	Fill to 0.8 m; dense till to 0.9 m; limestone to 6.0 m.
847374	443845	5027772	4.6	76.5	1959	Fill to 0.5 m; dense gravelly till to 1.1 m; weathered limestone to 1.6 m; limestone to 4.6 m.
847378	443877	5027765	4.8	76.6	1959	Fill to 0.8 m; weathered limestone to 2.1 m; limestone to 4.8 m.
613118	443621	5028062	N/A	69.1	1960	Sand to 0.6 m; boulders to 1.7 m; overlying bedrock.
847372	444144	5027870	9.1	65.8	1959	Fill to 0.8 m; medium dense till to 1.5 m; dense till to 2.3 m; medium dense sandy till to 3.0 m; medium dense till with pockets of silt and well-graded sand to 3.4 m; loose till with silt pockets to 3.8 m; medium dense fine sand with a little coarse sand to 4.4 m; medium dense sandy silt to 4.7 m; medium dense till to 6.1 m; shaly limestone to 9.1 m.
613095	443881	5027752	N/A	75.4	N/A	Fill to 0.6 m; sand to 0.9 m; clay to 1.2 m; till to 1.8 m; overlying bedrock.
847367	444191	5027927	5	67.7	1959	Fill to 1.2 m; medium dense fine sand to 1.8 m; medium dense sandy silt with few pebbles to 2.3 m; shaley limestone to 5.0 m.
847373	443843	5027750	5.3	75.7	1959	Fill to 0.5 m; weathered limestone to 2.2 m; limestone to 5.3 m.
613144	443611	5028302	8.4	63.1	1970	Artificial material to 1.5 m; very dense unspecified material to 2.1 m; brown, grey, stiff clay to 2.4 m; dense unspecified material to 3.0 m; very dense sand to 3.8 m; dense silt to 4.0 m; dense unspecified material to 4.6 m; very dense sand to 5.4 m; bedrock to 8.4 m.
808695	444076	5028365	7.4	58.8	1965	Brown hard silty clay to 1.2 m; grey dense silt-sand to 4.7 m; grey dense till, sand and silt with gravel to 5.9 m; dark grey limestone to 7.4 m.
847371	444177	5027881	6.8	70.2	1959	Fill to 1.2 m; dense till with some small sand pockets to 2.3 m; medium dense fine sand with pebbles to 2.7 m; loose sandy till to 3.6 m; shaly limestone to 6.8 m.
847981	443792	5028435	7.8	64.5	1961	Brown sand and gravel with boulders (possibly fill) to 3.2 m; soft to firm grey clay, trace of silt to 6.4 m; very dense silty clay, some sand and gravel to 7.8 m.

N/A – information not specified.



Seventy-six (76) records were identified in the Ontario Regulation 347 Waste Generators Summary database for properties within the Phase One Study Area. The GEN records indicate a properly managed waste stream, and the waste generation at these sites are not likely to pose an environmental concern to the Phase One Property.

Five (5) records were identified in the Certificates of Approval (CA) database, and eight (8) records were identified in the Environmental Compliance Approval (ECA) database, for properties within the Phase One Study Area. The records describe CAs and ECAs that were approved for air, municipal drinking water systems, and for municipal and private sewage works. Based on the nature of these activities, the risk associated with these records is low and not likely to pose an environmental concern to the Phase I Property.

One (1) record was identified in each of the Environmental Activity and Sector Registry (EASR), Environmental Registry (EBR) and Record of Site Condition (RSC) databases. The EASR record describes the registration of a standby power system in 2013 for the property at 175 Loretta Avenue North (144.5 m southeast of the Phase One Property). The EBR record describes the approval for discharge into the natural environment other than water (i.e. Air) in 2003 for the property at 111 Breezehill Avenue North (42 m north-northwest of the Phase One Property). The RSC record describes an RSC filed in 2011 for the property at 53 Young Street, located 227.4 m southeast of the Phase One Property, whose property use was intended to change from industrial to residential. The risk associated with the EASR, EBR and RSC records is low and not likely to pose an environmental concern to the Phase I Property.

Summary of Findings – Ontario Government Database Records

Phase One Property

No potentially contaminating activities were identified on the Phase One Property in Provincial Database Records.



Phase One Study Area

Based on provincial database records, PCAs were identified within the Phase One Study Area:

Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity
28.	Gasoline and Associated Products Storage in Fixed Tanks	Expired gasoline station at 971 Gladstone Avenue (18.9 m southeast to 44.8 m east-southeast of the Phase One Property).
		A private self-serve fuel outlet with two USTs at 175 Loretta Avenue North (144.5 m southeast of the Phase One Property).
33.	Metal Treatment, Coating, Plating and Finishing	Coating of metal products at 1040 Somerset Street West (208.1 m north-northwest of the Phase One Property).
39.	Paints Manufacturing, Processing and Bulk Storage	Auto paint supply at 35 Laurel Street (71.1 m north-northwest of the Phase One Property)
52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems	Vehicle repairs at 1050 Somerset Street West (214.7 m northwest of the Phase One Property).
--	Spills	Spill of 5 L of transformer oil to the grass and soil in August 1995 at 99 Breezehill Avenue (74.9 m north-northwest of the Phase One Property). Soil contamination was noted to be possible.
		Spill of an unknown quantity of oil was spilled to the floor and drain of a private residence at 189 Breezehill Avenue North (93.8 m south-southeast of the Phase One Property) on March 1, 2002. Environmental impact to a water course or lake was noted to be possible.
		Spill of 8 L of hydraulic oil to the ground and storm sewer on July 11, 2002, at 933 Gladstone Avenue (137.3 m north of the Phase One Property). Environmental impact to a water course or lake was noted to be possible.
		Spill of 85 L of fuel to the ground on November 12, 1992, at 108 Spadina Avenue (250.9 m southwest of the Phase One Property). Environmental impact in the form of soil contamination was noted to be possible.

Source: Table 2, Schedule D, O. Reg. 153/04

Gaseous releases were reported in the Phase One Study Area in two (2) records from the TSSA Historic Incidents (HINC) database, one (1) record from the TSSA Incidents (INC) database, and three (3) records in the TSSA Pipeline Incidents (PINC) database. Due to the nature of these releases (releases to air), the risk associated with these records is low and not likely to pose an environmental concern to the Phase One Property.



A total of nine (9) spills were identified in the Ontario Spills (SPL) database. Five (5) of the spills were not anticipated to result in environmental impacts, and are therefore not likely to pose an environmental concern to the Phase One Property.

Five (5) records were identified in the Pesticide Register (PES) database, indicating that TerraPro Corporation at 145 Loretta Avenue North is a licensed operator of registered pesticides. No information was provided about any manufacturing, processing, bulk storage and/or large-scale application of pesticides on the property, which would otherwise be considered a PCA. As such, these records do not indicate an environmental concern to the Phase One Property.

Based on an inferred local groundwater flow direction of northeast, the only PCA located upgradient to the Phase One Property is the spill of 85 L of fuel at 108 Spadina Avenue, located 250.9 m southwest of the Phase One Property. Based on the distance and age (over 25 years ago) of the record, this record not likely to pose an environmental concern for the Phase One Property.

The other PCAs listed in the table above are located cross-gradient to, or downgradient from, the Phase One Property, and are therefore not likely to pose an environmental concern to the Phase One Property.

4.2.3 Ontario Ministry of the Environment, Conservation and Parks

A request for information about the Phase One Property was filed with the Ontario Ministry of the Environment, Conservation and Parks (MECP) Freedom of Information and Protection of Privacy Office on May 1, 2019. In a response letter dated May 24, 2019, the MECP noted the presence of 1,800 pages of records pertaining to the Phase One Property. A request for copies of the records was filed on June 5, 2019.

The MECP had not responded with search results at the time of issue of this report. As noted by the MECP in their May 24, 2019 letter, the time limit for the MECP to respond to the request is 150 days. If records are received that provide new environmental information modifying conclusions drawn in the current Phase One ESA report, a summary will be prepared and forwarded to CBN.

Correspondence with the MECP is provided in Section 10.3.

4.2.4 Areas of Natural and Scientific Interest

Areas of Natural and Scientific Interest (ANSI) includes water bodies, wetlands, wooded areas, conservation areas, municipal parks, provincial parks, natural parks and nature reserves. An ANSI map was provided by ECOLOG ERIS.



No ANSI were identified within the Phase One Property or within the Phase One Study Area.

A copy of the map is provided in Appendix 10.3.

4.2.5 Technical Standards and Safety Authority

A request for information about the Phase One Property was filed with the Technical Standards & Safety Authority (TSSA) on May 1, 2019, for information of any outstanding instructions, incident reports, fuel oil spills, or contamination records respecting the Phase One Property. In a response dated May 24, 2019, the TSSA provided records associated with a July 14, 1994 inspector's report, summarized as follows:

In the July 14, 1994 inspector's report, it was noted that an abandoned 5,000 gallon heating oil UST of unknown age was discovered on the Phase One Property, owned at the time by B A Bank Note Ltd., by consultants who were carrying out a Phase I and II site audit (in a different section of the same report, the tank was described as an abandoned 36,000 L diesel tank). The consultants who were completing the audit believed the tank to have been initially utilized for Bunker C oil, then No. 2 oil. Usage of the tank had discontinued 12-15 years earlier. The inspector's report noted the requirement under the Fuel Oil Code for the owner to remove the tank and piping from the ground, along with any contaminated soil found, as the UST had not been used for two years and/or will not be used. The owner was also required to submit any remedial reports or correspondence to the Ministry of Consumer and Commercial Relations.

In an undated letter from B A Bank Note to the Ministry of Consumer and Commercial Relations (received by the latter in December 1994), the Ministry was provided with a copy of the completion report documenting the removal of the UST from the Phase One Property. B A Banknote noted that the tank and soil removal was completed prior to the compliance date of September 1, 1994.

The TSSA records also included what appears to be a screen capture of a TSSA database record, which notes that the deficiency identified in the July 14, 1994 inspector's report was resolved.

The TSSA cannot guarantee having information on sites that have not been licensed since 1987. It should also be noted that the Fuel Safety Division did not license or register private fuel underground/aboveground storage tanks prior to January 1990 or furnace oil tanks prior to May 1, 2002. It should also be noted that the Fuels Safety Division does not register aboveground tanks used to store gasoline or diesel fuel, or private furnace oil or waste oil tanks in apartments, office buildings, residences, etc.

Correspondence with the TSSA is provided in Section 10.3.



Summary of Findings – TSSA

PHASE ONE PROPERTY

Based on the information received through the information request to the TSSA, the following PCA was identified for the Phase One Property:

Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity
28.	Gasoline and Associated Products Storage in Fixed Tanks	Former 5,000 imperial gallon Bunker C heating oil UST on the Phase One Property.

Source: Table 2, Schedule D, O. Reg. 153/04

PHASE ONE STUDY AREA

No potentially contaminating activities were identified within the Phase One Study Area based on the information received from the TSSA.

4.2.6 Municipal Records

Historical Land Use Inventory

A search of the HLUI (Historical Land Use Inventory) database was conducted by the City of Ottawa on May 17, 2019. One record was identified for the Phase One Property, in which the following information was provided (it must be noted that no new information has been added to the HLUI database since 2005):

- The property is owned and/or occupied by B A Banknote (Note: spelling as indicated in HLUI database);
- B A Banknote (also listed as British American Bank Note Company Ltd.) was in operation from 1948 to 2005;
- Operations on site are described as commercial printing industries;
- The property was approved to generate waste under waste generator number ON0297401.



Forty (40) records were identified for properties within 50 m of the Phase One Property. Records of environmental interest are summarized below.

- 131 Loretta Avenue North, located 20 m east of the Phase One Property: based on information collected from various maps and Fire Insurance Plans (FIPs) from 1948 to 1963, the property was historically occupied by a motor vehicles and wholesale company (Hall Fuel Limited). One gasoline UST was noted on the property;
- 145 Loretta Avenue North, located 20 m east of the Phase One Property, and immediately south of the property at 131 Loretta Avenue North: based on information collected from various maps and FIPs from 1912 to 1963, the property was reportedly historically occupied by a motor vehicles and wholesale company (however, the occupant is listed as Bell Telephone Co. of Canada Limited). One gasoline UST was noted on the property;
- 155 Loretta Avenue North, located 20 m east of the Phase One Property, and immediately south of the property at 145 Loretta Avenue North: based on information collected from various maps and FIPs from 1900 to 1965, one fuel oil UST was noted to have been present in 1948. The property was occupied by a bakery (Standard Bread Division of Inter City Baking Company Limited);
- 949 Gladstone Avenue, located 20 m east of the Phase One Property: based on information from 1998 of an unknown source, this property was occupied by an iron foundries company (Vesuvio Iron Works);
- 952 Gladstone Avenue, located 29 m southeast of the Phase One Property: based on information collected from various maps and FIPs from 1912 to 1956, the property was reportedly historically occupied by a laundry and cleaner company (Lyle Blackwell Limited). One gasoline UST was noted on the property;
- 111 Breezehill Avenue North, located 32 m north of the Phase One Property: based on information collected in 2005 by phone and through a property assessment, this property was occupied by a motor vehicles repair shop (907462 Ontario Ltd.) and a motor vehicles and wholesale company (Grandtech Auto).

City Directory

A City Directory search was performed by ERIS in May 2019 for the Phase One Property and for ten (10) properties in the Phase One Study Area:

- 127 Loretta Avenue North;
- 131 Loretta Avenue North;
- 145 Loretta Avenue North;
- 175 Loretta Avenue North;
- 933 Gladstone Avenue;
- 935 Gladstone Avenue;



- 950 Gladstone Avenue;
- 951 Gladstone Avenue;
- 35 Laurel Street; and
- 111 Breezehill Avenue North.

The properties listed above were selected for the City Directory searches as they were identified as being the only commercial and/or industrial properties in the Phase One Study Area, based on a desktop review of recent aerial photographs.

For the years of record between 1924 and 1945, the Phase One Property's address was not listed in the city directories. The Phase One Property was listed as being occupied by British American Banknote Inc. for various years from 1950 to 2002. The Phase One Property's address was not listed in the 2006-7 city directory, whereas in the 2011 city directory, it was listed as being a residential property with one tenant.

The following information of potential environmental interest was gleaned from the city directories regarding the ten (10) properties listed above in the Phase One Study Area:

- 950 Gladstone Avenue (located 28 m southeast of the Phase One Property):
 - In 1981-1982, one of the listed occupants included a company named "Herb's Small Engines repair service";
 - In 1950 and 1955, the property was occupied by "Blackwell Lyle Ltd dry cng";
- 35 Laurel Street (located 20 m north of the Phase One Property):
 - In 2001-2002, one of the listed occupants included a company named "Auto Paint Supply";
 - In 1996-1997, one of the listed occupants included a company named "Acklands Auto Paint Supply";
- 131 Loretta Avenue North:
 - In 1960, the property was occupied by "Hall Fuel Ltd."
- 145 Loretta Avenue North (located 20 m east of the Phase One Property):
 - In 1981-1982 and 1987, the property was occupied by "BA Bank Note Div Br Visa".

City of Ottawa Municipal Freedom of Information and Protection of Privacy Act (MFIPPA) Request

As indicated previously herein (Section 4.1.5) a Municipal Freedom of Information and Protection of Privacy Act (MFIPPA) information request was filed with the City of Ottawa in 2015. Documentation on file with the City of Ottawa included the AGRA, 1999 'Status Report' and 2006 and 2007 documentation prepared by Dillon Consulting for the DPE remediation system. Eight of the



twelve extraction wells along with the water treatment trailer were located on City of Ottawa property. Documentation indicates that the DPE system was installed with City of Ottawa knowledge and approval and that the DPE system performance was reported to the City of Ottawa while in operation.

Summary of Findings – Municipal Records

PHASE ONE PROPERTY

Based on the reports received through the City of Ottawa MFIPPA request, the following PCAs were identified for the Phase One Property in municipal records.

Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity
28.	Gasoline and Associated Products Storage in Fixed Tanks	Former 5,000 imperial gallon Bunker C heating oil UST, at the Loretta Avenue North Loading Dock.
51.	Solvent Manufacturing, Processing and Bulk Storage	Six former solvent USTs in the mixing room and solvent storage room in the northeastern portion of the building.

Source: Table 2, Schedule D, O. Reg. 153/04

PHASE ONE STUDY AREA

Based on municipal records, PCAs were identified within the Phase One Study Area:

Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity
28.	Gasoline and Associated Products Storage in Fixed Tanks	Gasoline UST at 131 Loretta Avenue North (20 m east of the Phase One Property)
		Gasoline UST at 145 Loretta Avenue North (20 m east of the Phase One Property)
		Fuel oil UST at 155 Loretta Avenue North (20 m east of the Phase One Property)
		Gasoline UST at 952 Gladstone Avenue (29 m southeast of the Phase One Property).
32.	Iron and Steel Manufacturing and Processing	Iron foundries company at 949 Gladstone Avenue (20 m east of the Phase One Property).
37.	Operation of Dry Cleaning Equipment (where chemicals are used)	Historical presence of a dry cleaning company at 950 Gladstone Avenue (located 28 m southeast of the Phase One Property).
39.	Paints Manufacturing, Processing and Bulk Storage	Auto paint supply at 35 Laurel Street (20 m north of the Phase One Property)



Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity
52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems	Vehicle repairs at 111 Breezehill Avenue North (32 m north of the Phase One Property)
		Historical vehicle repairs at 950 Gladstone Avenue (28 m southeast of the Phase One Property).

Source: Table 2, Schedule D, O. Reg. 153/04

4.2.7 Private Database Records

The following private databases were searched by ERIS in May 2019:

Anderson's Waste Disposal Sites (**ANDR**)
Automotive Wrecking & Supplies (**AUWR**)
Chemical Register (**CHEM**)
Compressed Natural Gas Stations (**CNG**)
ERIS Historical Searches (**EHS**)
Canadian Mine Locations (**MINE**)
Oil and Gas Wells (**OGW**)
Canadian Pulp and Paper (**PAP**)
Retail Fuel Storage Tanks (**RST**)
Scott's Manufacturing Directory (**SCT**)
Anderson's Storage Tanks (**TANK**)

Descriptions of these databases are provided in Appendix 10.3.

PHASE ONE PROPERTY

Private database records identified eight (8) records for the Phase One Property.

Three (3) records were identified in the ERIS Historical Searches database.

Five (5) records were identified in the Scott's Manufacturing Directory (SCT) database, as follows:

Company Name	Description	Other Information
B.A. Banknote Inc.	Other Printing	Established in 1867 170 employees
B.A. International Inc.	Other Printing	Established in 1866 170 employees



B.A. Banknote	Other Printing	Established in 1867 170 employees
B A Banknote	Commercial Printing, Lithographic Commercial Printing, Not Elsewhere Classified	252 employees

The private database records do not identify conditions likely to pose an environmental concern to the Phase One Property.

PHASE ONE STUDY AREA

Private database records identified forty-two (42) records for properties in the Phase One Study Area.

Sixteen (16) records were identified in the ERIIS Historical Searches database.

One (1) record was identified in the Automobile Wrecking & Supplies (AUWR) database for the property at 55 Breezehill Avenue North (168.1 m north-northwest of the Phase One Property). The record, registered to A & T Auto Parts, describes the company's activities as "automobile parts & supplies – used & rebuilt". No other information was provided.

Twenty-five (25) records were identified in the Scott's Manufacturing Directory (SCT) database, as follows:

Address (location relative to the Phase One Property)	Company Name	Description	Other information
129 Loretta Avenue North (28.1 m NNE)	Buchanan Lighting Ltd.	Electrical Wiring and Construction Supplies Wholesaler-Distributors Professional Machinery, Equipment and Supplies Wholesaler-Distributors Electrical Wiring and Construction Supplies Wholesaler-Distributors	Plant size of 6,000 ft ² Established on December 1, 1971
131 Loretta Avenue North (35.3 m NNE)	Beacon Lite Ltd.	Industrial Machinery, Equipment and Supplies Wholesaler-Distributors Sign Manufacturing Other Commercial and Industrial Machinery and Equipment Rental and Leasing	Plant size of 10,000 ft ² Established on July 1, 1964
155A Loretta Avenue North 44.8 m ESE)	Sportive Sportswear Manufacturers Inc.	N/A	Plant size of 3,200 ft ² Established in 1984 20 employees



Address (location relative to the Phase One Property)	Company Name	Description	Other information
	Sportive Sportswear MFG Inc.	All Other Cut and Sew Clothing Manufacturing Men's and Boy's Clothing, Not Elsewhere Classified Women's, Misses', and Juniors' Outerwear, Not Elsewhere Classified Cut and Sew Clothing Contracting Men's and Boys' Cut and Sew Shirt Manufacturing Men's and Boys' Cut and Sew Trouser, Slack and Jean Manufacturing Other Men's and Boys' Cut and Sew Clothing Manufacturing Women's and Girls' Cut and Sew Blouse and Shirt Manufacturing Other Women's and Girls' Cut and Sew Clothing Manufacturing	Plant size of 3,200 ft ² Established in 1984 14 employees
950 Gladstone Avenue (61.4 m SE)	Trader Media Corp.	Periodical Publishers	20 employees
	David Bergman Typographics Ltd.	Support Activities for Printing	N/A
35 Laurel Street (71.7 m NNW)	Merge Design, Print & Memo	Advertising Agencies All Other Wholesaler-Distributors Graphic Design Services Business Service Centres	Plant size of 1,000 ft ² Established on September 1, 2004
	Wake Cup Coffee Roasters	Coffee and Tea Manufacturing	Established on August 1, 2008
	Signs in 23 Hours.com	Sign Manufacturing Coating, Engraving, Heat Treating and Allied Activities	Established on August 1, 1987
	Paper Sign Man	Sign Manufacturing	Established on August 1, 1996
75 Breezehill Avenue North (71.1 m NNW)	Breezehill Heating Ltd.	Other Ornamental and Architectural Metal Product Manufacturing All Other Miscellaneous Fabricated Metal Product Manufacturing	Established on July 1, 1982
949 Gladstone Avenue (85.9 m ESE)	Vesuvio Iron Logic Custom	Other Ornamental and Architectural Metal Products Manufacturing	Plant size of 1,500 ft ² Established in 1972 3 employees
	Vesuvio Iron Works	Architectural and Ornamental Metal Work	Plant size of 1,500 ft ² Established in 1972 3 employees



Address (location relative to the Phase One Property)	Company Name	Description	Other information
93 Bayswater Avenue (89.8 m WNW)	The Original Maple Bat Company	Sporting and Athletic Goods Manufacturing	Established in 1996
155 Loretta Avenue North (106 m ESE)	Sportive Sportswear MFG Inc.	Men's & Boy's Clothing, N.E.C. Women's, Misses', & Juniors' Outerwear, N.E.C.	Plant size of 3,200 ft ² Established in 1984 14 employees
73 Breezehill Avenue North (134.1 m NNW)	ARC Industries	All Other Miscellaneous Manufacturing	Established in 1973
	A R C Industries	Millwork	Established in 1974 15 employees
	Arc Industries – Div. of OCAPDD	N/A	Established in 1973 6 employees
1066 Somerset Street West (229.9 m NW)	Esprit de Corps	Periodical Publishers	Plant size of 1,096 ft ² Established in 1991 4 employees
	Grafik Visuals	Sign Manufacturing	Plant size of 1,150 ft ² Established on January 1, 1986
	Esprit de Corps Inc.	Periodical Publishers	Plant size of 1,100 ft ² Established on August 1, 1991
17 Larch Street (235.3 m ENE)	V Steel Works Ltd.	All Other Industrial Machinery Manufacturing Other Plate Work and Fabricated Structural Product Manufacturing Other Ornamental and Architectural Metal Product Manufacturing	Established on July 1, 1975
203 Louisa Street (237.6 m)	L'Ora di Ottawa (1987) Ltd.	Newspaper Publishers	Established on August 1, 1968
	L'Ora di Ottawa	Newspaper Publishers	Established in 1969 4 employees

N/A – information not specified.

Summary of Findings – Private Database Records

PHASE ONE PROPERTY

No potentially contaminating activities were identified on the Phase One Property in the private database records.



PHASE ONE STUDY AREA

Based on private database records, the following PCA was identified in the Phase One Study Area:

Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity
33.	Metal Treatment, Coating, Plating and Finishing	Coating, engraving and heat treating of metal products at 35 Laurel Street (71.7 m north-northwest of the Phase One Property).

Source: Table 2, Schedule D, O. Reg. 153/04

As the property at 35 Laurel Street is located cross-gradient to the Phase One Property, the risk associated with the SCT record is low and not likely to pose an environmental concern to the Phase One Property.

4.2.8 Waste Disposal Sites

The document entitled *Waste Disposal Site Inventory* (MOE, 1991) contains a listing of active and closed waste disposal sites in Ontario as of October 31, 1990. This inventory uses the Universal Transverse Mercator (UTM) grid system to locate the waste disposal sites.

The UTM coordinates at the centre of the Phase One Property are approximately 443814 m E and 5028088 m N, Zone 18. The Phase One Property and adjoining properties within the Phase One Study Area are not listed as former waste disposal facilities.

No entries for active waste disposal sites were found within 2 km of the Phase One Property. The ERIS report on the Phase One Property also returned no records for active waste disposal sites within 250 m of the Phase One Property.

The document entitled *Old Landfill Management Strategy, Phase 1 - Identification of Sites, City of Ottawa, Ontario*. (Golder Associates, 2004) contains a listing of old waste disposal sites in Ottawa, Ontario as compiled in 2004. As per Figure 3 of the report, nine (9) old landfill sites are located within 2 km of the Phase One Property, with the “Young and Fairmont” (Ur-42) being the closest, at approximately 465 m southwest of the Phase One Property. The Young and Fairmont site and the Phase One Property are separated from one another by a topographic high, and therefore the old landfill is not likely to be located upgradient to the Phase One Property. Based on an inferred regional groundwater flow direction to the north towards the Ottawa River (for areas north of Highway 417), and to the south towards Dows Lake (for most areas south of Highway 417), none of the nine (9) old landfill sites appear to be located upgradient to the Phase One Property, and are therefore not likely to pose an environmental concern.



4.2.9 Coal Gasification Plants and Coal Tar Sites

Inventories of coal gasification plants (Intera, 1987) do not list any sites located within 2 km of the Phase One Property. Inventories of industrial sites where coal tar was produced or used (Intera, 1988) identify one site within 2 km of the Phase One Property: the Dominion of Canada Fuel Testing Laboratories, located at 552 and 562 Booth Street, approximately 750 m southeast of the Phase One Property. Based on an inferred regional groundwater flow direction to the north, this former industrial site is not likely to pose an environmental concern to the Phase One Property.

4.3 PHYSICAL SETTING SOURCES

4.3.1 Aerial Photographs

Aerial photographs were collected for every decade starting with 1928. Earlier aerial photos were not available prior to this time. Aerial photographs for the years 1928, 1938, 1945, 1958, 1965, 1976, 1983, 1991, 1999, 2007 and 2015 were reviewed as follows:

Photo Date	Source	Description
1928	geoOttawa website	The Phase One Property appears to be occupied by a series of rectangular plots, likely community gardens. Trails appear to cross diagonally through the property in a general northwest-southeast direction, and in a general east-west direction in the northern portion of the Phase One Property. No buildings or structures are visible on the property. The Phase One Study Area is well developed, with what appears to be residential development in the northwestern, western and southwestern portions of the Phase One Study Area. The remainder of the Phase One Study Area consists of a mixture of vacant land and what appear to be commercial or industrial properties. Rail lines cross through the northern and eastern portions of the Phase One Study Area in a general northwest-southeast direction. Much of the local roads are present in their current-day configuration.
1938	Open Street Map	The Phase One Property and Phase One Study Area appear to be similar as described above.
1945	ERIS	No trails appear to be crossing through the Phase One Property, and the rectangular plots on the Phase One Property are less distinct than observed in the 1928 and 1938 air photos. New residential properties have appeared in the southern portion of the Phase One Study Area. The property at 933 Gladstone Avenue in the eastern and northeastern portions of the Phase One Study Area is occupied by a very large, roughly rectangular-shaped building. The remainder of the Phase One Study Area appears to be similar as described above.



Photo Date	Source	Description
1958	geoOttawa website	The Phase One Property is now occupied by a large rectangular building in its southern half. The northern half is occupied by a parking lot (close to the building) and vacant land (in the northern portion of the Phase One Property). The Phase One Study Area appears to be similar as described above.
1965	geoOttawa website	The Phase One Property appears to be similar as described above. Highway 417 can be seen passing through the southern portion of the Phase One Study Area in a general southwest-northeast direction. The remainder of the Phase One Study Area appears to be similar as described above.
1976	geoOttawa website	An extension has been constructed at the northern end of the building on the Phase One Property. The entire northern portion of the Phase One Property is occupied by the parking lot. A couple of the buildings in the southeastern portion of the Phase One Study Area appear to have been demolished and/or replaced with new buildings. The remainder of the Phase One Study Area appears to be similar as described above.
1983	ERIS	The Phase One Property and Phase One Study Area appear to be similar as described above.
1991	geoOttawa website	An extension was constructed at the northeastern corner of the building on the Phase One Property. The remainder of the Phase One Property appears to be similar as described above. The Phase One Study Area appears to be similar as described above.
1999	geoOttawa website	The Phase One Property and Phase One Study Area appear to be similar as described above.
2007	geoOttawa website	The Phase One Property and Phase One Study Area appear to be similar as described above.
2015	geoOttawa website	The Phase One Property appears to be similar as described above. The large building at 933 Gladstone Avenue in the eastern and northeastern portions of the Phase One Study Area is no longer present. The remainder of the Phase One Study Area appears to be similar as described above.

Aerial photographs are provided in Section 10.4.

No PCAs were identified for the Phase One Property based on the aerial photograph review.



The following PCAs were identified for the Phase One Study Area based on the aerial photograph review:

Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity
46.	Rail Yards, Tracks and Spurs	Rail tracks crossing through the northern and eastern portions of the Phase One Study Area.

Source: Table 2, Schedule D, O. Reg. 153/04

4.3.2 Topography, Hydrology, Geology

A topographic map for the Phase One Study Area is included in Appendix 10.1. Much of the surrounding topography slopes gently towards the northeast.

The Phase One Property is located within the Ottawa River watershed. Local groundwater flow direction is inferred to be to the northeast, following local topography. Regional groundwater flow is inferred to be to the north towards the Ottawa River. The nearest surface water feature is the Ottawa River, located approximately 890 m north of the Phase One Property.

On the Phase One Property, storm water is inferred to discharge into the grassed areas along the east, west and southern sides of the CBN building, with excess water being discharged into the catch basins on the Phase One Property and the neighbouring roads.

Based on available mapping of surficial materials and terrain features (Ontario Geological Survey, 2010), the overburden in the Phase One Study Area is characterized by stone-poor, carbonate-derived silty to sandy till, with sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a discontinuous lag consisting of gravel, sand and boulders. Boreholes completed along Loretta Avenue North (HCE, 2016) indicate a bedrock depth ranging from 6 to 8 m.

Bedrock in the Phase One Property and Phase One Study Area is characterized predominantly by the Lindsay formation, which includes fine- to coarse-grained, fossiliferous, commonly nodular, argillaceous limestone; upper member (Collingwood) is black, organic-rich, fissile, very fine-grained limestone. The southwestern portion of the Phase One Study Area is characterized by the Bobcaygeon formation, with brown to grey-brown, fossiliferous limestone, with increasing shale content upwards; crinoidal grainstones and nodular textures in the lower part (lower member); thin shale interbeds or partings and tabular, calcarenitic storm beds in upper parts (middle and/or upper member) (Ontario Geological Survey, 2010). Bedrock is exposed along the railway cut in the northeastern portion of the Phase One Study Area.



4.3.3 Fill Materials

The HCE, 2016 subsurface investigation report (Section 4.1.5) and Borehole database records (Section 4.2.2) identify fill material throughout the Phase One Study Area. Based on the age of the neighbourhood (already well developed by the 1920s), some deleterious fill material may exist on the Phase One Property and in the Phase One Study Area as it was a common practice to use coal cinders as fill material. As indicated in HCE, 2017, fill material with quality exceeding the O.Reg. 153/04 Table 3 SCS for arsenic and lead was identified adjacent to the Phase One Property on Laurel Street.

4.3.4 Water Bodies

There are no water bodies on the Phase One Property. Local groundwater flow direction is inferred to be to the northeast, following local topography. Regional groundwater flow is inferred to be to the north towards the Ottawa River.

4.3.5 Well Records

As noted in Section 4.2.2, twenty-two (22) records were found within 250 m of the Phase One Property in the Water Well Information System (WWIS) database, and are as follows:

Well ID	Easting	North ing	Static Water Level (ft)	Depth to Bedrock (ft)	Primary Water Use	Final Well Status	Constructi on Date	Geology
7245909	443940	5028103	N/A	18	Monitoring	Observation wells	JUL 2015	Loam for 8 ft, following by clay to 18 ft, then rock to final depth of 18.167 ft.
7245908	443930	5028129	N/A	N/A	N/A	Observation wells	JUL 2015	Loam for 4 ft, then clay to final depth of 22 ft.
7245907	443936	5028115	N/A	N/A	Monitoring	Observation wells	JUL 2015	Loam for 6 ft, then clay to final depth of 20.9 ft.
7245910	443948	5028086	N/A	18	Monitoring	N/A	JUL 2015	Loam for 6 ft, following by clay to 18 ft, then rock to final depth of 18 ft.
7245911	443926	5028142	N/A	N/A	Monitoring	Observation wells	JUL 2015	Loam for 6 ft, then clay to final depth of 23 ft.



Well ID	Easting	Northin g	Static Wate r Level (ft)	Depth to Bedroc k (ft)	Primary Water Use	Final Well Status	Constructi on Date	Geology
1535405	44396 0	5028100	N/A	N/A	N/A	Observati on wells	AUG 2004	N/A
729278 9	44396 8	5028136	N/A	N/A	N/A	N/A	N/A	N/A
7174653	44403 7	502805 0	N/A	N/A	Monitori ng and Test Hole	Monitorin g and Test Hole	NOV 2011	Cobbles to 12 ft, followed by sand to 14 ft, then silt to final depth of 16 ft.
720566 0	44398 1	5028199	N/A	N/A	N/A	Abandone d - Other	N/A	N/A
7174652	44405 5	5028051	N/A	N/A	Monitori ng and Test Hole	Monitorin g and Test Hole	NOV 2011	Cobbles/gravel to 8 ft, then silt to final depth of 15 ft.
1536545	44404 7	502795 7	N/A	N/A	N/A	Observati on wells	JUN 2006	Fill asphalt at surface, followed by sand and gravel fill to 0.5 m, then till to final depth of 4.9 m.
7183730	44407 7	5028041	N/A	N/A	Monitori ng and Test Hole	Test Hole	JUN 2012	Sand to 0.91 m, followed by till to 2.13 m, then clay to final depth of 5.38 m.
7188016	44406 9	502806 4	N/A	N/A	Monitori ng and Test Hole	Test Hole	AUG 2012	N/A
7183731	44408 1	502803 7	N/A	N/A	Monitori ng and Test Hole	Test Hole	JUN 2012	Sand to 1.22 m, then clay to final depth of 5.18 m.
7183728	44407 9	502804 7	N/A	N/A	Monitori ng and Test Hole	Test Hole	JUN 2012	Fill to 1.83 m, then clay to final depth of 4.57 m.
7174651	44407 7	444077	N/A	N/A	Monitori ng and Test Hole	Monitorin g and Test Hole	NOV 2011	Fill to 2.74 m, then clay to final depth of 5.49 m.
7174650	44407 8	5028061	N/A	N/A	Monitori ng and Test Hole	Monitorin g and Test Hole	NOV 2011	Cobbles and gravel to 3.1 m, followed by sand to 4.27 m, then clay to final depth of 5.18 m.
1508421	44404 1	502792 2	17	80	Domestic	Water Supply	FEB 1950	Sand to 75 ft, followed by silty clay to 80 ft, then rock to final depth of 139 ft.



Well ID	Easting	Northin g	Static Wate r Level (ft)	Depth to Bedroc k (ft)	Primary Water Use	Final Well Status	Constructi on Date	Geology
7216640	44373 9	502827 6	N/A	N/A	N/A	N/A	JAN 2013	N/A
7183729	44409 9	502805 8	N/A	N/A	Monitori ng and Test Hole	Test Hole	JUN 2012	Fill to 1.5 m, followed by silty clay to 2.74 m, then clay to final depth of 4.27 m.
7183732	44410 0	5028061	N/A	N/A	Monitori ng and Test Hole	N/A	JUN 2012	Fill to 3.1 m, then clay to final depth of 4.88 m.
7184358	N/A	N/A	N/A	24.3 m	Monitori ng	Test Hole	JUN 2012	Sand to 2.1 m, followed by clay to 10.9 m, then silt to 13.4 m, then gravel to 14.3 m, then limestone to final depth of 24.3 m.

N/A – information not specified.

4.3.6 Site Operating Records

Regulatory Permits

No regulatory operating permits were provided for review.

5. INTERVIEWS

Interviews were conducted for the Phase One Property with Ms. Rosana Bianchini (Environmental Compliance Manager), Ms. Taryn Blom (Environmental Manager), Mr. Richard Raymond (Ink Department Manager), and Mr. Nino Feraco (Logistic Manager) on June 7, 2019. Supplementary information from Ms. Bianchini and Mr. Raymond was provided via email on July 8, 2019.

Interview questions were designed by and under the supervision of the QP. A summary of the information acquired during the interview is included below where relevant.



Ms. Bianchini has been familiar with the Phase One Property since it was purchased by CBN in 2013. Ms. Blom has been familiar with the Phase One Property for approximately one year. Mr. Raymond and Mr. Feraco have been familiar with the Phase One Property for approximately thirty-seven years and are familiar with the printing operations that occurred at the facility prior to its purchase by CBN. Information of interest obtained through interviews included:

- The old ink department consisted of two in-ground solvent tanks (benzene and toluene) that were filled in with concrete. These solvents were used in the manufacturing of inks for use on the presses. There was also an above ground caustic tank and several mills located in this room.
- The former pre-press, chromium and nickel processes were located on the east side of the building. There was formerly a 1,000 L above ground tote in this area. The in-ground pits used in the chromium process were filled in with concrete in approximately 1999.
- The original chromium process was located in what is now the cafeteria. During renovation of this area by CBN, a green stain was noted on some of the concrete and a tar smell was noted.
- Three different effluent systems were installed and were operated at different times on the Phase One Property:
 - Effluent system #1, installed in 1988, was the original treatment system for the facility, and was located at the north end of the building. The system used a pit to treat (neutralize) solution with sulfuric acid. The treated wastewater was sent to the sanitary sewer system, and the sludge was sent to the landfill. Effluent system #1 was the system that was in place when the water wipe machines were first brought into the building;
 - Effluent system #2 was located in the middle of the building. Once effluent system #2 was in production, the pit from effluent system #1 was never used again. Effluent system #2 was used to recycle wiping solution by neutralizing the wiping solution once it became saturated; the neutralized solution was then pumped to a tanker truck. Approximately 30,000 L of neutralized solution was pumped to a tanker truck every 6 months. None of the waste solution was sent to the sewer system;
 - Effluent system #3 was the last effluent system installed and operated by B A Banknote, and was in the same location as effluent system #1 (north end of building). The system was constructed of stainless steel and had a capacity of 50,000 L. As with effluent system #2, effluent system #3 was a recycling system, where saturated solution was neutralized using pH adjustment (acids and alkalis stored and used in bulk), then pumped to a tanker truck. None of the waste solution was sent to the sewer system. The former in-ground concrete tank was not used as part of the process for effluent system #3, but rather was used only as a dike in the event of a spill.



- Since the purchase of the Phase One Property, CBN has been continuously making building modifications. The former nickel grinding and machine shop area is currently being converted into a laboratory.
- Mr. Raymond stated that arsenic was historically used to harden dyes. Ms. Bianchini reported that wipe tests were completed, but no arsenic was present.

No additional PCAs were identified for the Phase One Property or the Phase One Study Area based

Summary of Findings

Based on information collected during the interview the following PCA was identified at the Phase One Property:

Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity
1.	Acid and Alkali Manufacturing, Processing and Bulk Storage	Acids and Alkalis were used in bulk as part of the ink effluent treatment process. Former effluent system #1 (i.e. original system) was located in the north end of the building and included use of a former open in-ground concrete tank and treated water discharge to the sanitary sewer system. The integrity of the former in-ground concrete tank is not known. Also, accidental discharges of acidic/alkali process water may have affected the integrity of the sanitary sewer system in this area.

6. SITE RECONNAISSANCE

6.1 GENERAL REQUIREMENTS

The Phase One Property was visited for approximately 2.5 hours on June 7, 2019 by Ms. Muriel Kim-Brisson and Ms. Jessica Petrocco, P.Eng. of BluMetric. Weather conditions were warm and sunny; ambient air temperature was approximately 17°C. Access to the majority of the Phase One Property was possible during the site visit. Areas including the second floor offices, main floor machine shop and research laboratory were not visited. Process areas could not be visited due to security concerns, but were viewed through glass windows from the hallway. The SeaCan located in the rear parking lot was also not accessible at the time of the site visit.

The Phase One Study Area, other than the Phase One Property, was also investigated on June 7, 2019, by Ms. Muriel Kim-Brisson and Ms. Jessica Petrocco. A 250 m radius area was surveyed and occupants of neighbouring properties were recorded. The Phase One Property is primarily surrounded by residential dwellings to the west and south and some commercial buildings to the north and east.



Photographs of the Phase One Property compiled during the site visit are included in Section 10.4.

6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

6.2.1 Structures and Other Improvements

i. Description of Structures and Other Improvements

The Phase One Property is currently developed with one slab-on grade building having a second storey only at the front of the building (office space). The building is currently occupied by Canadian Bank Note Company, Ltd. and is used for the printing of banknotes and the assembly of passports.

The building is serviced with municipal potable water and sanitary sewer. The exterior of the building consists of bricks. The interior of the building consists of drywall, brick, concrete blocks, dropped ceilings, concrete floor, carpet and laminate flooring. Lighting throughout the building consisted of florescent bulbs. Chemicals were observed throughout the building in designated areas including flammable cabinets. Two chemical storage rooms are located on the east side of the building and used to store process materials and hydraulic oils. A separate hazardous waste room is used to store waste solvents and inks.

Several areas are currently under construction and include the installation of a new laboratory.

The former pre-press, nickel and chromium process locations have since been renovated and now include process space and storage for the current construction work.

The remainder of the Phase One Property consists of open space.

ii. Below Ground Structures Associated With Structures and Other Improvements

The building at the Phase One Property is reported to have a slab-on-grade foundation without a basement.

Underground utilities are reported or inferred to be present, and are discussed in Section 6.2.2.

iii. Tanks

One above ground diesel fuel storage tank was observed in the boiler room and is used to fuel the standby generator.



iv. Water Sources Associated With Structures and Other Improvements

The building is serviced with municipal potable water and sanitary sewer. It is understood that potable water and sanitary sewer enter the building from Loretta Avenue North. Utility drawings were not reviewed in detail as part of the Phase One ESA.

6.2.2 Underground Utilities and Service Corridors

Underground water lines are inferred to be located below the building. Drains and sinks within the building reportedly should discharge to the sanitary/combined sewer along Loretta Avenue. CBN reported that they were currently in the process of confirming the discharge points of several drains. Manhole covers were located in the rear parking lot of the Phase One Property and are reported to discharge to the storm sewer along with the roof drains. Utility drawings were not reviewed as part of the Phase One ESA.

Hydro power for the Phase One Property building appears to enter the building from Loretta Avenue North near the boiler room.

6.2.3 Interiors of Structures and Buildings

i. Entry/Exit Points

There are multiple entry and exit points servicing the building (man doors and garage bays). The main employee and shipping entrance is located on Loretta Avenue North. All entrance points are subject to check-in with security.

ii. Heating Systems

Heating is provided to the Phase One Property building by two natural gas boilers (maximum thermal input of 3.95 million Btu/hr) and roof top HVAC systems.

iii. Cooling Systems

Cooling is provided to the Phase One Property building via two cooling towers.

iv. Drains, Pits and Sumps

Multiple floor drains were noted throughout the building in the bathrooms, former process areas and boiler rooms. Staining/corrosion was noted around the drain adjacent to the compressors.



v. Unidentified Substances in the Interior of Any Building or Structure

The Ministry of Labour (MOL) has produced a list of “designated substances” that require special care in their handling and management. These include asbestos, mercury, acrylonitrile, arsenic, benzene, ethylene oxide, isocyanates, silica, and vinyl chloride. CBN indicated that they have completed a designated substance survey for the building. This Phase One ESA did not include the inspection, collection or analytical testing of materials for designated substances.

While no survey has been completed for the presence of PCB’s, testing of building materials occurs on an as-needed basis and any wastes identified are reportedly disposed of as hazardous waste if required. Two transformers were noted in the east end of the Boiler room, it could not be confirmed whether they contain PCBs. No surface staining was noted near the transformers.

vi. Stains and Corrosion on Floors

Staining/corrosion was noted around the drains adjacent to the compressors present on the Phase One Property.

6.2.4 Exterior Portions of the Phase One Property

i. Current and Former Wells

Several wells were observed on and adjacent to the Phase One Property. These wells are used for the monitoring of groundwater quality as per the CMP implemented for the Phase One Property.

ii. Sewage Works

The building is serviced with municipal sanitary sewer. It is understood that a combined sanitary/storm sewer system services the Phase One Property.

iii. Ground Surface Details

Exterior areas of the Phase One Property consist of a paved parking lot located at the rear of the building, small grassed area along the south, east and west sides of the building and an interlocking stone parking lot located at the front of the building. No stained soil, stained pavement, or stressed vegetation was observed during the site visit. The exterior areas of the Phase One Property were observed to be clean and well maintained. The parking lot area was reported to have been paved in recent years.



Surface water runoff on the Phase One Property is assumed to infiltrate through grassed areas or discharge to the municipal storm sewer system running along Loretta Avenue.

iv. Railway Lines and Spurs

No railway lines or spurs were observed at the Phase One Property.

6.2.5 Parts of the Phase One Property Not Covered by Buildings or Other Structures

i. Stained Soil, Vegetation or Pavement

No stained soil, vegetation or pavement was observed at the Phase One Property.

ii. Stressed Vegetation

No stressed vegetation was observed on the Phase One Property.

iii. Area Where Fill or Debris May Have Been Placed or Graded

No fill material or obvious evidence of artificial grading was identified on the Phase One Property.

iv. Potentially Contaminating Activities in Areas Not Covered by Buildings or Other Structures

No potentially contaminating activities in areas not covered by buildings or other structures were identified at the Phase One Property during the site reconnaissance.

v. Unidentified Substances in Areas Not Covered by Buildings or Other Structures

No unidentified substances were directly observed on the Phase One Property in areas not covered by buildings or other structures.

6.2.6 Enhanced Investigation at the Property

An Enhanced Investigation Property is defined in O. Reg. 153/04 as a property which is being used or has been used, in whole or in part, for an industrial use or for any of the following commercial uses:

- As a 'garage', defined in O. Reg. 153/04 as a place or premises where motor vehicles are received for maintenance or repairs for compensation;
- As a bulk liquid dispensing facility, including a gasoline outlet; and/or,
- The operation of dry cleaning equipment. O. Reg. 511/09, s. 14.



The Phase One Property has been used as an industrial facility since its construction in approximately 1947. Based on the historical use of the Phase One Property, it is considered to be an “enhanced investigation property”, as defined in O. Reg. 153/04.

i. Operations at the Phase One Property

The Phase One Property has operated as a printing facility since its construction in approximately 1947. Historical processes have included various types of printing presses (including intaglio, silk screen, typesetting), ink manufacturing, electroplating, effluent treatment and fabrication of lead types for use in the typesetting process. The Phase One Property is currently used for lithographic printing and the assembly of passports.

ii. Hazardous Materials Used or Stored at the Phase One Property

Hazardous materials used and stored at the Phase One Property include lithographic inks, isocyanate glue, solvents, hydraulic oil, paints and antifreeze.

Propane is used to fuel forklifts at the Phase One Property and containers are stored outside along the east side of the building near the truck bay.

Diesel fuel is stored on the Phase One Property as fuel for the backup generator.

Flammable cabinets were noted throughout the facility but were not investigated as they were located within process areas that could not be accessed due to security concerns.

iii. Products Manufactured at the Phase One Property

Products manufactured at the facility include banknotes and passports.

iv. By-Products and Wastes at the Phase One Property

Wastes generated at the Phase One Property typically include process off-cuts, solvent and office wastes. Hazardous wastes are stored inside the building within a designated waste storage room until picked up by Veolia Environmental. A Waste Management waste bin is located in the rear parking lot. As a result of the on-going renovation, there is a scrap metal waste bin located in the rear parking lot that is collected by AIM Recycling. Waste oil/grease generated from the Cafeteria is collected by Sani-Max.



v. Raw Materials Handling and Storage at the Phase One Property

A comprehensive inventory of the raw materials used and stored at the Phase One Property was not conducted as part of this Phase One Investigation.

vi. Details of Drums, Totes and Bins at the Phase One Property

Approximately seventeen 205 L drums, ten five gallon pails and several small containers were observed inside the Phase One Property. Containers were identified to contain propanol, motor oil, hydraulic oil, antifreeze, and propylene glycol. Cans of paint were noted in several locations throughout the Phase One Property.

Exterior to the building were approximately eight empty 205 L drums to be used by Veolia Environmental during waste pickups and four wire totes containing bags of shredded process cut-offs. There were also several small open bins collecting water whose use was unknown.

vii. Details of Oil/Water Separators

There are no oil/water separators reported to be located at the Phase One Property.

viii. Vehicle and Equipment Maintenance Areas

Vehicle and equipment maintenance is not conducted at the Phase One Property. CBN does not own a fleet of vehicles and rents vehicles as required to transport materials between facilities.

ix. Spills

Personnel interviewed during the site visit indicated that they were not aware of any spills occurring at the Phase One Property. During the Phase One site visit, other than the stain/corrosion in the boiler room, there were no other signs of stains located within the building.

x. Details of Liquid Discharge Points

Waste water at the Phase One Property arises from washrooms and the cafeteria, discharging to the municipal sewer system. Additionally, storm water run-off is discharged from the Phase One Property through catch basins located throughout the parking lot. Roof drains are also reported to discharge to the storm sewer.



xi. Equipment Used in Processing and Manufacturing

The manufacturing process includes the use of a lithographic printing press, automated assembly machines and laser perforators. The research lab, not accessible during the site visit, likely uses laboratory equipment.

xii. Hydraulic Lift Equipment

There is a dumbwaiter located within the building at the Phase One Property; it is unknown whether it is electric or hydraulically driven.

There were no other hoists observed during the site visit; however, it was identified that lifts may have been used with the former nickel and chromium plating operations.

6.2.7 Phase One Study Area Reconnaissance

The Phase One Study Area was investigated on June 7, 2019. Ms. Muriel Kim-Brisson and Ms. Jessica Petrocco of BluMetric surveyed the area within a 250 m radius of the Phase One Property boundary and noted the activities on neighbouring properties. Observations have been incorporated, where appropriate, throughout the Phase One ESA report.

The northern and eastern portions of the Phase One Study Area consist of commercial land use. The southern and western portions of the Phase One Study Area consist of residential land use.

6.2.8 Summary of Findings

Based on information collected during the reconnaissance, the following PCA was identified at the Phase One Property:

Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity
55.	Transformer Manufacturing, Processing and Use	Two transformers are located in the east end of the Boiler room. Existing or former presence of PCB oil in transformers could not be confirmed. No surface staining near transformers was noted.

6.3 WRITTEN DESCRIPTION OF THE INVESTIGATIONS

The investigations conducted for this assessment are described in Sections 3.0 through 6.0.



Chronologically, the first task was to review information obtained by filing requests with organizations, notably the ERIS databases (see Section 4.2). Physical setting sources were also obtained and reviewed at this time. In June 2019, Ms. Muriel Kim-Brisson and Ms. Jessica Petrocco, P.Eng. of BluMetric conducted a site reconnaissance of the Phase One Property and the Phase One Study Area (see Section 6.0).

The review and evaluation of the assembled information is presented in Section 7.0, and Conclusions are presented in Section 8.0. Aside from the reconnaissance, interviews, and review of information collected from numerous sources, no other investigations were conducted.

7. REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

The Phase One Property has the following history of use:

Time Period	Use(s)	Description
Pre-1928 to 1947	Undeveloped	Vacant with rectangular plots (possibly community garden plots)
1947 – present	Printing of banknotes, brand protection and the assembly of passports	Industrial use

7.2 POTENTIALLY CONTAMINATING ACTIVITY

7.2.1 Phase One Property

Through records review, interviews and a site reconnaissance visit, the following PCAs were identified at the Phase One Property from historical or current activities:



Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity	Information Source
1.	Acid and Alkali Manufacturing, Processing and Bulk Storage	Acids and Alkalis were used in bulk as part of the ink effluent treatment process. Former effluent system #1 was located in the north end of the building and included use of a former open in-ground concrete tank and treated water discharge to the sanitary sewer system. The integrity of the former in-ground concrete tank is not known. Also, accidental discharges of acidic/alkali process water may have affected the integrity of the sanitary sewer system in this area.	Section 5.0
28.	Gasoline and Associated Products Storage in Fixed Tanks	Former 5,000 imperial gallon Bunker C heating oil UST, at the Loretta Avenue North Loading Dock. Documented soil and groundwater quality impact in this area. Above-ground diesel fuel storage tank for backup generator in east end of boiler room.	Sections 4.1.5, 4.2.5, 6.2.1
30.	Importation of Fill Material of Unknown Quality	Potential presence of fill material of poor environmental quality beneath north parking lot. The presence of fill material of poor environmental quality has been documented immediately north of the parking lot at Laurel Street.	Section 4.1.5
31.	Ink Manufacturing, Processing and Bulk Storage	Ink mixing room in the northeastern portion of the building.	Section 4.1.5
33.	Metal Treatment, Coating, Plating and Finishing	Southeast end of the building (former nickel and chrome plating activities at two locations). Documented concrete and soil impact in one area.	Section 4.1.5
51.	Solvent Manufacturing, Processing and Bulk Storage	Six former solvent USTs in the ink mixing room and solvent storage room in the northeastern portion of the building. Documented groundwater quality impact in this area. Current storage of oil, solvents and waste solvents in drums.	Section 4.1.5
55.	Transformer Manufacturing, Processing and Use	Two transformers are located in the east end of the Boiler room. Existing or former presence of PCB oil in transformers could not be confirmed. No surface staining near transformers was noted.	Section 6.2

Source: Table 2, Schedule D, O. Reg. 153/04



7.2.2 Phase One Study Area

Through records review, interviews and a site reconnaissance visit, the following PCAs were identified for the Phase One Study Area from historical or current activities:

Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity	Information Source
28.	Gasoline and Associated Products Storage in Fixed Tanks	Expired gasoline station at 971 Gladstone Avenue (18.9 m southeast to 44.8 m east-southeast of the Phase One Property).	Section 4.2.2
		A private self-serve fuel outlet with two USTs at 175 Loretta Avenue North (144.5 m southeast of the Phase One Property).	Section 4.2.2
		Gasoline UST at 131 Loretta Avenue North (20 m east of the Phase One Property)	Section 4.2.6
		Gasoline UST at 145 Loretta Avenue North (20 m east of the Phase One Property)	Section 4.2.6
		Fuel oil UST at 155 Loretta Avenue North (20 m east of the Phase One Property)	Section 4.2.6
		Gasoline UST at 952 Gladstone Avenue (29 m southeast of the Phase One Property).	Section 4.2.6
30.	Importation of Fill Material of Unknown Quality	Documented presence of fill material in the Phase One Study Area. Fill quality exceeding O.Reg. 153/04 Table 3 SCS identified on Laurel Street (HCE, 2017).	Section 4.1.5
32.	Iron and Steel Manufacturing and Processing	Iron foundries company at 949 Gladstone Avenue (20 m east of the Phase One Property).	Section 4.2.6
33.	Metal Treatment, Coating, Plating and Finishing	Coating of metal products at 1040 Somerset Street West (208.1 m north-northwest of the Phase One Property).	Section 4.2.2
		Coating, engraving and heat treating of metal products at 35 Laurel Street (71.7 m north-northwest of the Phase One Property).	Section 4.2.7
37.	Operation of Dry Cleaning Equipment (where chemicals are used)	Historical presence of a dry cleaning company at 950 Gladstone Avenue (located 28 m southeast of the Phase One Property).	Section 4.2.6
39.	Paints Manufacturing, Processing and Bulk Storage	Auto paint supply at 35 Laurel Street (71.1 m north-northwest of the Phase One Property)	Sections 4.2.2, 4.2.6
46.	Rail yards, Tracks and Spurs	Rail line crossing through the northern and eastern portions of the Phase One Study Area.	Section 4.3.1
52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and	Vehicle repairs at 1050 Somerset Street West (214.7 m northwest of the Phase One Property).	Section 4.2.2



Item	Potentially Contaminating Activity	Area Associated with Potentially Contaminating Activity	Information Source
	material used to maintain transportation systems	Vehicle repairs at 111 Breezehill Avenue North (32 m north of the Phase One Property)	Section 4.2.6
		Historical vehicle repairs at 950 Gladstone Avenue (28 m southeast of the Phase One Property).	Section 4.2.6
--	Spills	Spill of 5 L of transformer oil to the grass and soil in August 1995 at 99 Breezehill Avenue (74.9 m north-northwest of the Phase One Property). Soil contamination was noted to be possible.	Section 4.2.2
		Spill of an unknown quantity of oil was spilled to the floor and drain of a private residence at 189 Breezehill Avenue North (93.8 m south-southeast of the Phase One Property) on March 1, 2002. Environmental impact to a water course or lake was noted to be possible.	Section 4.2.2
		Spill of 8 L of hydraulic oil to the ground and storm sewer on July 11, 2002, at 933 Gladstone Avenue (137.3 m north of the Phase One Property). Environmental impact to a water course or lake was noted to be possible.	Section 4.2.2
		Spill of 85 L of fuel to the ground on November 12, 1992, at 108 Spadina Avenue (250.9 m southwest of the Phase One Property). Environmental impact in the form of soil contamination was noted to be possible.	Section 4.2.2

Source: Table 2, Schedule D, O. Reg. 153/04

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

7.3.1 Evaluation of Information

Information from each of the components of the Phase One ESA was evaluated and considered in order to identify APECs (former or current PCAs which pose a moderate to high environmental risk to the Phase One Property). As per O. Reg. 153/04, if a PCA is located on the Phase One Property, it must be considered an APEC. In determining the areas of actual or potential environmental concern at the Phase One Property, BluMetric has evaluated the information collected during this Phase One ESA based on the concepts of source, pathways and receptors.

Because Phase One ESAs do not include the testing of samples or the measuring of environmental parameters, the areas of potential environmental concern on the Phase One Property are speculative.



7.3.2 Identified Areas of Potential Environmental Concern

The following areas of potential environmental concern (APECs) were identified on the Phase One Property:

APEC ID	Location of Area of Potential Environmental Concern on Phase One Property	PCA(s)
A	Vicinity of former Bunker C oil UST located at Loretta Avenue North entrance: Documented soil and groundwater impacts at former UST location and extending beneath boiler room in the northeastern portion of the building.	28. Gasoline and Associated Products Storage in Fixed Tanks (Former Bunker C Oil Tank)
B	Ink mixing room and solvent storage room in the northeastern portion of the building on the Phase One Property: Documented PHC impact extending on to City of Ottawa right of way.	31. Ink Manufacturing, Processing and Bulk Storage 51. Solvent Manufacturing, Processing and Bulk Storage (Former Solvent Storage Tanks)
C	Southeast portion of the building on the Phase One Property: Documented metals and PAH impacts to soils at former nickel/chrome plating location in east end of cafeteria. Second nickel/chrome plating location located north of cafeteria.	33. Metal Treatment, Coating, Plating and Finishing
D	East end of Boiler Room: Diesel fuel storage in above ground storage tank. Location of two transformers without documented history of PCB oil testing.	28. Gasoline and Associated Products Storage in Fixed Tanks (Diesel Fuel for Backup Generator) 55. Transformer Manufacturing Processing and Use.
E	North End of Building and South End of Parking Lot: Former location of ink effluent treatment system #1 that used in-ground open concrete tank and discharged to sanitary sewer. Potential leakage from concrete tank and sanitary sewer system.	1. Acid and Alkali Manufacturing, Processing and Bulk Storage (Operation of Effluent System)
F	North Parking Lot: Potential presence of fill material of poor environmental quality beneath north parking lot. Documented presence of fill material adjacent to parking lot at Laurel Street exceeding O.Reg. 153/04 Table 3 SCS for arsenic and lead.	30. Importation of Fill Material of Unknown Quality

Source: Table 2, Schedule D, O. Reg. 153/04



Based on an inferred direction of local groundwater flow to the north-northeast and a regional groundwater flow to the north, the majority of the PCAs in the Phase One Study Area are located cross-gradient or downgradient to the Phase One Property, and are therefore not considered PCAs that may contribute to APECs at the Phase One Property. In addition, it is anticipated that groundwater impacts resulting from PCAs on properties located on the east side of Loretta Avenue North are cross-gradient from the Phase One Property and/or are being intercepted at Loretta Avenue North through leakage into the storm sewer trunk beneath this road.

The property at 108 Spadina Avenue (located 250.9 m southwest of the Phase One Property), where a spill of 85 L of fuel occurred in 1992, is located upgradient to the Phase One Property. However, the spill involved is a relatively minor quantity of fuel, below the 100 L threshold where a spill of fuel/oil on private property must be reported. Further, the spill occurred at a large distance from the Phase One Property (on or just beyond the southwestern boundary of the Phase One Study Area boundary) more than 25 years ago. Consequently, the spill is not considered a PCA that may contribute to an APEC at the Phase One Property.

The property at 189 Breezehill Avenue North (located 93.8 m south-southeast of the Phase One Property), where an unknown quantity of fuel oil was spilled in 2002, is also located upgradient to the Phase One Property. The oil was reported to have been spilled to the floor and drain, and may have resulted in environmental impact to a water course or lake. Based on the description of the spill, it can be inferred that the fuel oil loss was mostly conveyed to the municipal sewer system rather than to the soil or groundwater. Consequently, the spill is not considered a PCA that may contribute to an APEC at the Phase One Property.

7.3.3 Contaminants of Potential Concern

The Phase One ESA identified the following contaminants of potential concern based on the PCAs:

- Petroleum hydrocarbons (PHCs)
- Volatile Organic Compounds (VOCs)
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Metals (O. Reg. 153/04 list)
- PCBs

The contaminants of potential concern for each APEC are summarized as follows. Current/previous environmental assessment of each APEC is indicated:



APEC ID.	Location of Area of Potential Environmental Concern on Phase One Property	Contaminants of Potential Concern	Potentially Affected Media	Current/Previous Assessment?
A	Vicinity of former Bunker C oil UST located at Loretta Avenue North entrance: Documented soil and groundwater impacts at former UST location and extending beneath boiler room in the northeastern portion of the building.	PAHs, BTEX, PHCs	Soil and groundwater	Monitored through CMP. PAHs assessed for groundwater in 2015 (BluMetric, 2015b).
B	Ink mixing room and solvent storage room in the northeastern portion of the building on the Phase One Property: Documented PHC impact extending on to City of Ottawa right of way.	VOCs, BTEX, PHCs	Soil and groundwater	Monitored through CMP. VOCs assessed for groundwater in 2015 (BluMetric, 2015b).
C	Southeast portion and down gradient (northeast) of the building on the Phase One Property. Potential subsurface impacts from nickel and chrome plating operations.	Metals, PAHs	Soil and groundwater	No (Note: HCE. 2017 monitoring well BH16-6E located immediately to east. Groundwater sampled in September 2016 with no metals or PAH impacts identified).
D	East end of Boiler Room: Diesel fuel storage in above ground storage tank. Location of two transformers without documented history of PCB oil testing.	PHCs, PCBs	Soil and Groundwater	PHCs Monitored through CMP
E	North End of Building and South End of Parking Lot: Former location of ink effluent treatment system #1 that used in-ground open concrete tank and discharged to sanitary sewer. Potential leakage from concrete tank and sanitary sewer system.	Metals (used in inks)	Soil and Groundwater	No
F	North Parking Lot: Potential presence of fill of poor environmental quality. Documented presence of fill material adjacent to parking lot at Laurel Street exceeding O.Reg. 153/04 Table 3 SC for arsenic and lead.	Metals, PAHs	Soil and groundwater	No

Note: CMP – Denotes Contaminant Management Plan Annual Groundwater Monitoring Program



7.3.4 Information Gaps in Phase One Investigation

All efforts were made to obtain all available records for the Phase One Property and the Phase One Study Area. Access to the majority of the Phase One Property was possible during the site visit. Areas including the second floor offices, main floor machine shop and research laboratory were not visited. Process areas could not be visited due to security concerns, but were viewed through glass windows from the hallway. The SeaCan located in the rear parking lot was also not accessible at the time of the site visit. No private properties adjacent to the Phase One Property were entered and the absence of any PCAs on these properties cannot be confirmed. Only exterior areas of properties in the Phase One Study Area which could be observed from publically accessible locations were assessed.

7.3.5 Phase One Conceptual Site Model

Figures 4a and 4b provide the conceptual site model (CSM) for the Phase One Property and Phase One Study Area. The figures show:

- The location of buildings and structures,
- water bodies (if present) located in whole or in part on the Phase One Study Area,
- roads within the Phase One Study Area,
- uses of properties adjacent to the Phase One Property, and
- PCAs or APECs identified on the Phase One Property or Phase One Study Area.

The Phase One CSM does not include the following types of information for the following reasons:

- There is no figure which illustrates areas of natural significance in the Phase One Study Area because there are no areas of natural significance in the Phase One Study Area.
- There is no figure which illustrates the locations of water supply wells on the Phase One Property because no water supply wells were observed or reported to be currently present on the Phase One Property.

Geological and hydrogeological information pertaining to the site is discussed in Section 4.3.



8. CONCLUSIONS

8.1 IS A PHASE TWO ESA REQUIRED BEFORE AN RSC IS SUBMITTED?

As discussed above, several areas of potential environmental concern have been identified on the Phase One Property. A Phase Two ESA would be required before an RSC could be submitted.

8.2 CAN AN RSC BE SUBMITTED BASED ON THE PHASE ONE ESA ALONE?

This Phase One ESA was performed in support of a Site Plan Approval application for the construction of a building addition. It has not been prepared as supporting documentation for a RSC and does not satisfy all the requirements of O. Reg. 153/04. Addition of a recent stamped legal survey for the Phase One Property would be required prior to filing an RSC for the Phase One Property.

8.3 LIMITING CONDITIONS, QP STATEMENT, AND QP SIGNATURE

8.3.1 Limiting Conditions

This Phase One ESA report was performed in accordance with the substance and intent of the Phase One ESA document produced by the Canadian Standards Association (CSA Z768-01 and Update No. 1) and the definition in O. Reg. 153/04. The findings in this report are based on: observations made during a site visit; interviews with people familiar with the site; a review of historical records concerning the current and past uses of the Phase One Property; and requests for information filed with provincial and municipal agencies.

The conclusions presented in this report represent our professional opinion and are based on the conditions observed on the dates set out in the report, the information available at the time this report was prepared, the scope of work, and any limiting conditions noted herein.

BluMetric provides no assurances regarding changes to conditions subsequent to the time of the assessment. BluMetric makes no warranty as to the accuracy or completeness of the information provided by others or of the conclusions and recommendations predicated on the accuracy of that information.

This report has been prepared for CBN. Any use a third party makes of this report, any reliance on the report, or decisions based upon the report, are the responsibility of those third parties unless authorization is received from BluMetric in writing. BluMetric accepts no responsibility for any loss or damages suffered by any unauthorized third party as a result of decisions made or actions taken based on this report.



This report was written by Muriel Kim-Brisson, M.Sc., Jessica Petrocco, M. Eng., P. Eng. and Robert Hillier, P.Geo.

8.3.2 Statement and Signature of the Qualified Person

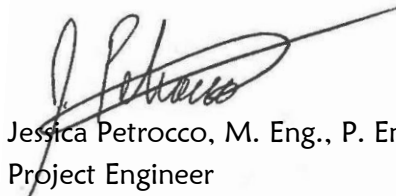
This Phase One Environmental Site Assessment of the Phase One Property includes the evaluation of information gathered from a records review, site reconnaissance, and interviews. It has been conducted in accordance with O. Reg. 153/04, as amended, by or under the supervision of a qualified person.

Sincerely yours,

BluMetric Environmental Inc.



Muriel Kim-Brisson, M.Sc.
Environmental Scientist



Jessica Petrocco, M. Eng., P. Eng.
Project Engineer



Robert Hillier, P.Geo. QP_{ESA}
Senior Hydrogeologist

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LEGEND



Phase One Property

1				
REV.	DESCRIPTION	YY/ MM/ DD	BY	CHK

REFERENCES

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IMAGERY COURTESY OF GOOGLE EARTH.

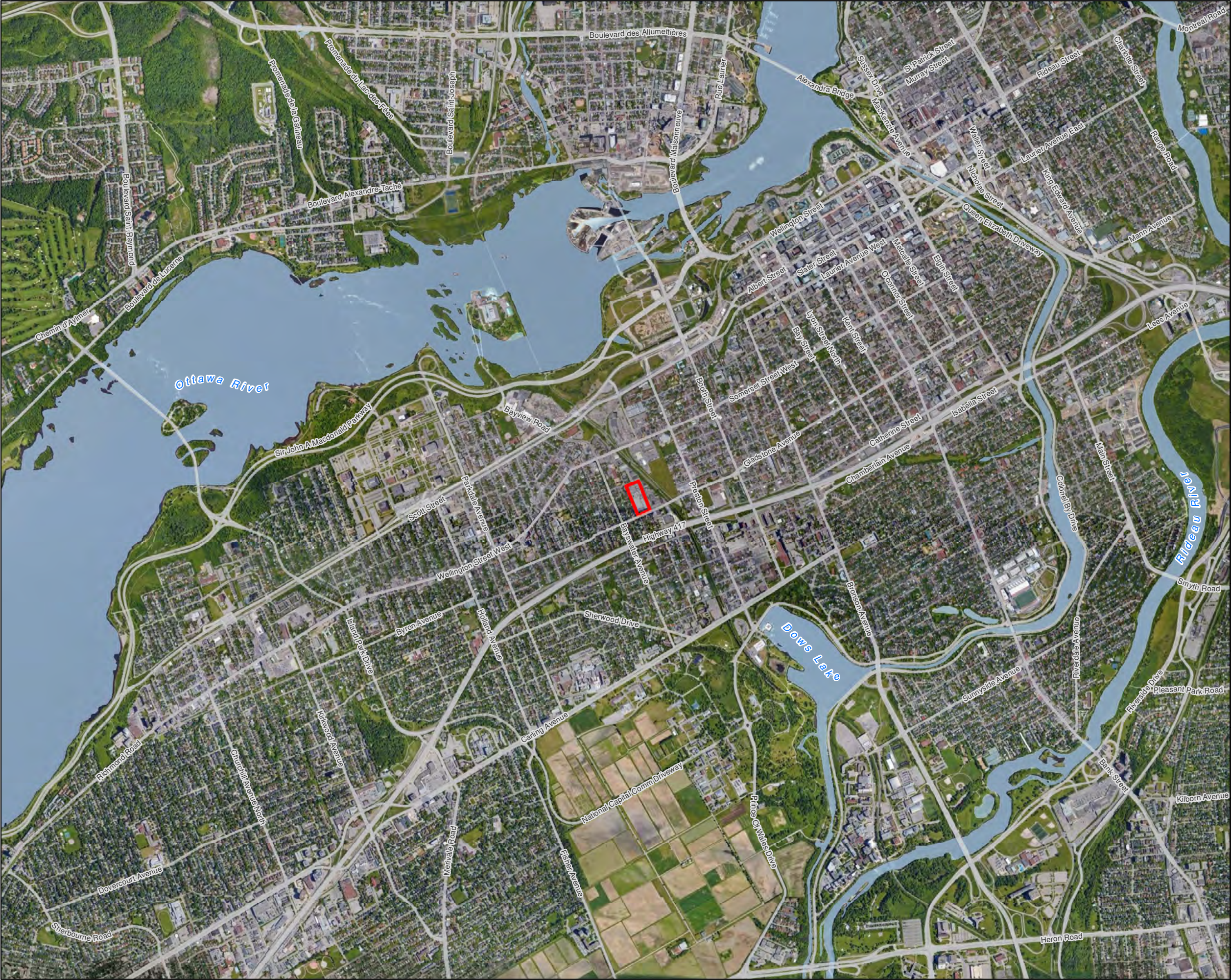
CLIENT	Canadian Bank Note Company Ltd.

PROJECT	Phase One ESA 975 Gladstone Avenue, Ottawa, Ontario

TITLE	Phase One Property

3108 Carp Road PO Box 430
Ottawa, Ontario K0A 1L0
TEL: (613) 839-3053
FAX: (613) 839-5376
Email: info@blumetric.ca
Web: <http://www.blumetric.ca>

PROJECT # 190402		DATE June 24, 2019	
DRAWN KH	CHECKED MKB	FIG NO. 01	REV 0



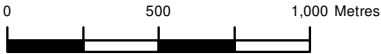
LEGEND

- Road
- Phase One Property
- Waterbody

1				
REV.	DESCRIPTION	YY/ MM/ DD	BY	CHK

REFERENCES
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IMAGERY COURTESY OF GOOGLE EARTH.



CLIENT
Canadian Bank Note Company Ltd.

PROJECT
**Phase One ESA
975 Gladstone Avenue,
Ottawa, Ontario**

TITLE
General Site Location



3108 Carp Road PO Box 430
Ottawa, Ontario K0A 1L0
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Web: <http://www.blumetric.ca>

PROJECT # 190402		DATE June 24, 2019		
DRAWN KH	CHECKED MKB	FIG NO. 02	REV 0	



LEGEND

 Phase One Study Area (250 m)

 Phase One Property

1				
REV.	DESCRIPTION	YY/ MM/ DD	BY	CHK

REFERENCES

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IMAGERY COURTESY OF GOOGLE EARTH.

0 50 100 Metres

N
W
E
S

CLIENT	Canadian Bank Note Company Ltd.

PROJECT	Phase One ESA 975 Gladstone Avenue, Ottawa, Ontario

TITLE	Phase One Property and Phase One Study Area



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PROJECT # 190402		DATE June 24, 2019	
DRAWN KH	CHECKED MKB	FIG NO. 03	REV 0



Potentiallt Contaminating Activities (Table 2, Schedule D, O.Reg. 153/04)	
1	Acid and Alkali Manufacturing, Processing and Bulk Storage
28	Gasoline and Associated Products Storage in Fixed Tanks
30	Importation of Fill Material of Unknown Quality
31	Ink Manufacturing, Processing and Bulk Storage
32	Iron and Steel Manufacturing and Processing
33	Metal Treatment, Coating, Plating and Finishing
37	Operation of Dry Cleaning Equipment (where chemicals are used)
39	Paints Manufacturing, Processing and Bulk Storage
46	Rail Yards, Tracks and Spurs
51	Solvent Manufacturing, Processing and Bulk Storage
52	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems
55	Transformer Manufacturing, Processing and Use
S	*Spills
* Denotes not a PCA as listed in Table 2, Schedule D, O.Reg. 153/04	

LEGEND

Phase One Study Area (250 m)

Phase One Property

Inferred Direction of Local Groundwater Flow

Inferred Direction of Regional Groundwater Flow

Elevation (m)

Major Contour (10m)

Minor Contour (5 m)

1				
REV.	DESCRIPTION	YY/MM/DD	BY	CHK
REFERENCES PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DIVULGED WITHOUT PRIOR WRITTEN CONSENT OF BLUMETRIC ENVIRONMENTAL INC. DO NOT SCALE DRAWING. THIS DRAWING MAY HAVE BEEN REDUCED. ALL SCALE NOTATIONS INDICATED ARE BASED ON 11"x17" FORMAT DRAWINGS. IMAGERY COURTESY OF GOOGLE EARTH.				
CLIENT		Canadian Bank Note Company Ltd.		
PROJECT		Phase One ESA 975 Gladstone Avenue, Ottawa, Ontario		
TITLE		Phase One Conceptual Site Model - Potentially Contaminating Activities		
		3108 Carp Road PO Box 430 Ottawa, Ontario K0A 1L0 TEL: (613) 839-3053 FAX: (613) 839-5376 Email: info@blumetric.ca Web: http://www.blumetric.ca		
PROJECT # 190402		DATE July 10, 2019		
DRAWN KH	CHECKED MKB	FIG NO. 04a	REV 0	



LEGEND

Phase One Property

1947Date of Construction

Inferred Direction of Groundwater Flow

Elevation (m)

Major Contour (10m)

Minor Contour (5 m)

Areas of Potential Environmental Concern	
A.	PHC and PAH impacts from a former Bunker C heating oil tank at the Loretta Avenue North loading dock.
B.	PHC impacts from former solvent storage tanks in the ink mixing room and solvent storage room.
C.	Metals and PAH impacts from former nickel and chrome plating operations.
D.	PHC impacts from diesel fuel AST for backup generator. PHC and/or PCB impacts from transformers
E.	Potential metals impacts from former effluent system
F.	Potential presence of fill material of poor environmental quality beneath north parking lot. Known arsenic and lead impacts to shallow fill material on Laurel Street.

1				
REV.	DESCRIPTION	YY/MM/DD	BY	CHK
REFERENCES PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DIVULGED WITHOUT PRIOR WRITTEN CONSENT OF BLUMETRIC ENVIRONMENTAL INC. DO NOT SCALE DRAWING. THIS DRAWING MAY HAVE BEEN REDUCED. ALL SCALE NOTATIONS INDICATED ARE BASED ON 11"x17" FORMAT DRAWINGS. IMAGERY COURTESY OF GOOGLE EARTH. 02550Metres N E S W				
CLIENT		Canadian Bank Note Company Ltd.		
PROJECT		Phase One ESA 975 Gladstone Avenue, Ottawa, Ontario		
TITLE		Phase One Conceptual Site Model - Areas of Potential Environmental Concern		
BluMetric™ Environmental 3108 Carp Road PO Box 430 Ottawa, Ontario K0A 1L0 TEL: (613) 839-3053 FAX: (613) 839-5376 Email: info@blumetric.ca Web: http://www.blumetric.ca				
PROJECT # 190402		DATE July 10, 2019		
DRAWN KH	CHECKED MKB	FIG NO. 04b	REV 0	

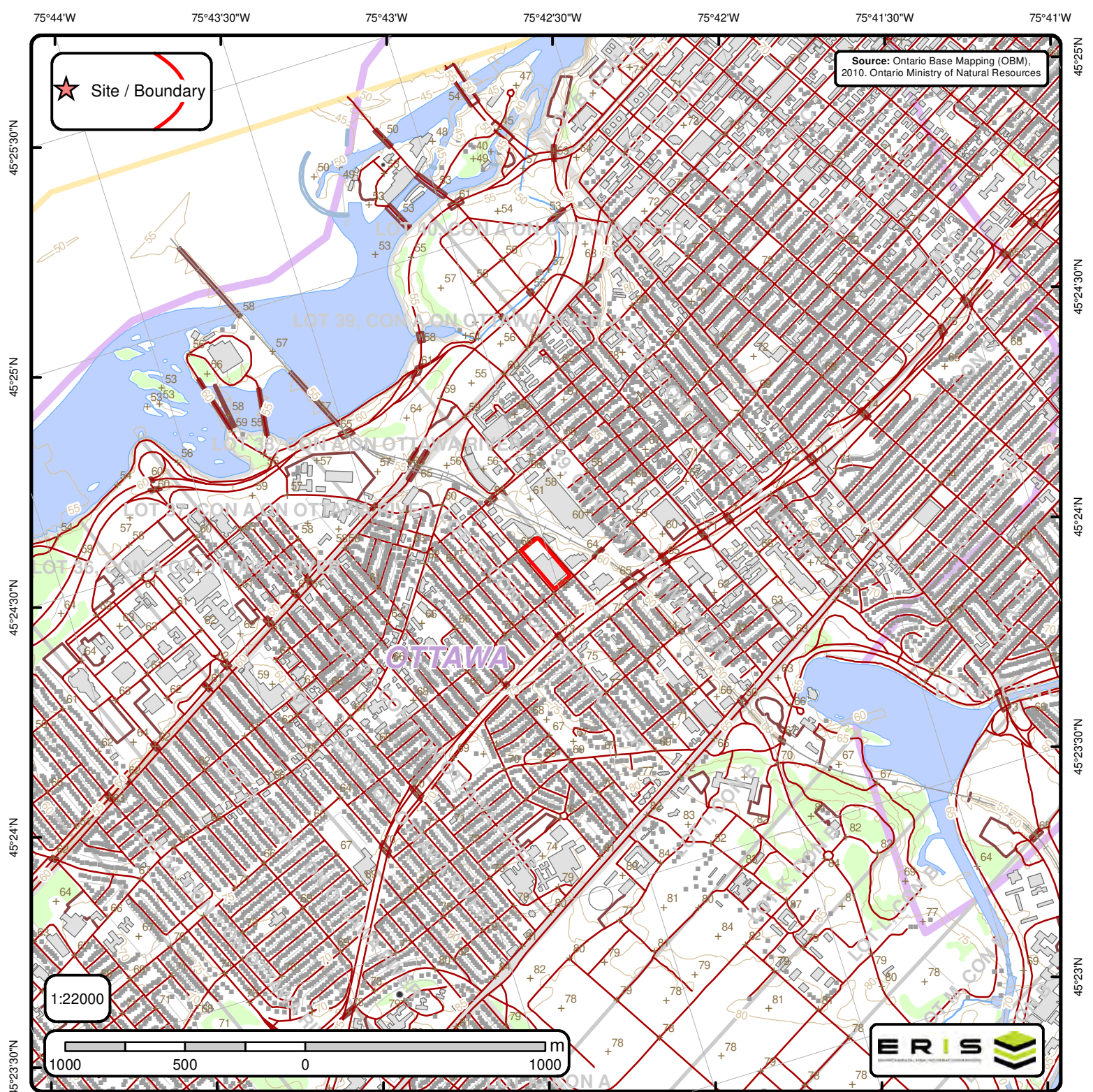
10. APPENDICES



10.1 TOPOGRAPHIC MAP OF THE PHASE ONE STUDY AREA

As required by O. Reg. 153/04, this appendix consists of a topographic map (Ontario Base Map series) that includes the Phase One Study Area.





Ontario Base Mapping (OBM) Data

Order No. 20190501135

+	Spot Height (metre)	—	Transportation Structure	—	Contour Line	■	Wooded Area
■	Building Point	—●—	Utility Line	□	Pit or Quarry	■	Conservation Authority
⚡	Towers	—	Water Structure	■	Waterbody	■	Conservation Area
●	Utility Site Point	—	Drainage Line Feature	■	Wetlands	■	Municipal Park
—	Misc. Line	—	River or Stream	■	Concession	■	Provincial Park
—+—	Railroads	□	Airports	■	Lots	■	National Park
—+—	Roads	■	Tanks	■	Municipality	■	Nature Reserve
- - -	Trail	■	Building to Scale	■	Land Ownership		

10.2 ENVIRONMENTAL SOURCE INFORMATION

This appendix includes the following environmental source information:

- Correspondence with the Ministry of the Environment, Conservation and Parks and the Technical Standards and Safety Authority;
- A report describing federal, provincial and private database records for the Phase One Property and Phase One Study Area, as well as City Directory records conducted by Environmental Risk Information Services (ERIS);
- A 1956 Fire Insurance Map with coverage of the Phase One Property and the western and southern portions of the Phase One Study Area (DST, 2017);
- Search results of the Historical Land Use Inventory Database, conducted by the City of Ottawa.



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 Kim-Brisson	First Name Muriel	Middle Initial S
Title Environmental Scientist	Company Name BluMetric Environmental Inc.	

Mailing Address

Unit Number	Street Number 3108	Street Name Carp Road	PO Box 430
City/Town Carp (Ottawa)	Province Ontario	Postal Code K0A 1L0	
Email Address mkim@blumetric.ca	Telephone Number 613 839-3053	ext. 261	Fax Number 613 839-5376
Project/Reference Number 190402	Signature of Requester <i>mk</i>		

2. Request Parameters
Municipal Address (Municipal address mandatory for cities, towns or regions)

Unit Number	Street Number 975	Street Name Gladstone Avenue	PO Box
Lot Number	Concession	Geographic Township	
City/Town/Village Ottawa	Province Ontario	Postal Code K1Y 4W5	

Present Property

1. Owner Canadian Bank Note Company, Ltd.	Date of Ownership (yyyy/mm/dd) ~ 2013
Tenant (if applicable)	

Previous Property

1. Owner BA Bank Note	Date of Ownership (yyyy/mm/dd) ~ 1948
Tenant (if applicable)	

3. Search Parameters

Search Parameters	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	All years
Orders	All years
Spills	All years
Investigations/prosecutions ► Owner and tenant information must be provided	All years
Waste Generator number/classes	All years
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	☐	N/A
renewable energy	☐	N/A
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	☐	N/A
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	☐	N/A
waste water - industrial discharge	☐	N/A
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	☐	N/A
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	☐	N/A

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.

Ministry of the Environment,
Conservation and Parks

Access and Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement, de
la Protection de la nature et des
Parcs

Bureau de l'accès à l'information et
de la protection de la vie privée

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075



May 24, 2019

Muriel Kim-Brisson
BluMetric Environmental Inc.
3108 Carp Road, P.O. Box 430
Ottawa, ON K0A 1L0

Dear Muriel Kim-Brisson:

RE: *Freedom of Information and Protection of Privacy Act Request*
Our File #: A-2019-03011, Your Reference #: 190402

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 975 Gladstone Avenue, Ottawa.

After a search of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, records were located in response to your request. It is my preliminary decision to provide partial access to the information as the identity of complainants will be removed to protect privacy (Section 21(1)(f) of the Act). As well, corporate confidential information will require notice to the third party (Section 17(1)(a), (c) of the Act).

In accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the estimated fee is:

• Search Time 1 hour @ \$30/hour	\$30.00
• CD	10.00
• Preparation Time approx. 1.50 hour @ \$30/hour	\$45.00
• Delivery	3.00
• Total	\$ 88.00
• Deposit Received	-\$ 30.00
• Balance Due	\$ 58.00

Due to the volume, the records will be provided to you electronically on a CD. The Ministry has relied on Order PO-3621 by the Office of the Information and Privacy Commission (IPC) in order to calculate the estimated fees. Order PO-3621 states that the Ministry may charge a preparation fee of \$30.00 per hour for every 1,200 pages of scanned records. The breakdown of the approximate preparation fee is as follows: an estimated 1.50 hours to convert approximately 1,800 pages to electronic format. Please note, that upon completion of the Ministry's review, additional preparation charges may be applied to account for any severances made to the records in accordance with the exemptions under the Act. These severances will be charged at a rate of \$30.00 per hour, calculated at a rate of two minutes per page.

In order for us to continue processing the request, please forward this amount to our office. You

may pay by money order or cheque (made payable to the "Minister of Finance (FOI)") or by credit card. Credit card forms are available on the Ministry's website <http://www.ontario.ca/environment-and-energy/freedom-information-request-form>. Please do not mail cash.

If payment has not been received within 45 days this file will be closed. When remitting payment, please quote our file number or attach a copy of this letter.

The District Office has advised that there may be records in the Records Centre, Mississauga. To retrieve these files there is a charge of \$60.00 with no guarantee that any records will be located responsive to your request. If you would like us to retrieve these files, \$60.00 in addition to the above amount is required.

A request for records must usually be answered within 30 calendar days, however Section 27 allows for time extensions under certain circumstances. The time limit for answering your request has been extended for an additional 150 days after receipt of your deposit. This additional time is required because of the extremely large volume of material to be reviewed and prepared for disclosure.

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Junyi Cai at 416-314-4075.

Yours truly,



Janet Dadufalza
Manager, Access and Privacy



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Customer Service: 1.877.682.8772
Fax: 416.734.3568
Email: publicinformation@tssa.org
www.tssa.org

Application for Release of Public Information Issued under the Access and Privacy Code

[Clear Form](#)[Print Form](#)

A. REQUESTOR INFORMATION:

Your File/Project/Reference No: 190402 Date: May 1, 2019

Requestor Name: Muriel Kim-Brisson		Organization BluMetric Environmental Inc.		For Office Use Only Authorization No. Account No. SR No. P.I No:
Suite/Unit No:	Street No: 3108	Street Name: Carp Road		
City: Ottawa	Province: Ontario	Postal Code: K0A 1L0		
Primary Phone: 613-839-3053 ext. 261		Secondary Phone: 613-294-3886		
Email: mkim@blumetric.ca		Fax: 613-839-5376		

B. PROGRAM (check ALL that apply)

☐ Boilers & Pressure Vessels ☐ Elevating & Amusement Devices ☒ Fuels ☐ Upholstered and Stuffed Articles

C. DETAILS OF REQUEST (please list in detail the information you require)

BluMetric Environmental Inc. has been retained to undertake a Phase I Environmental Site Assessment for the property listed in Section D below.

For any present or past operations on and in the vicinity of the site, we are requesting information in writing on:

- Underground and above ground storage tanks which may be registered or have been registered with the MCCR; and
- Any other records.

D. PLEASE ANSWER ALL THAT APPLY:

Address of Subject Location (one address per form) 975 Gladstone Avenue, Ottawa, Ontario	
Device/equipment Type: _____ Owner: _____	
Installation Number: _____	
CRN: _____	OIN: _____ Serial #: _____
Victim Name (if applicable): _____	
Certificate Holder Name (if applicable): _____	Certificate Holder Date of Birth: _____ (DD-MM-YYYY)
Date /period requested:	
☒ From (date): <u>all</u> to (date) <u>current</u>	
☐ Most recent record	



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Fax: 416.734.3568
Customer Service: 1.877.682.8772
Email: publicinformationsservices@tssa.org
www.tssa.org

Application for Release of Public Information Issued under the Access and Privacy Code

E REASON FOR REQUEST (please explain the reason for your request)

For the completion of a Phase I Environmental Site Assessment

F. TERMS AND CONDITIONS:

Please refer to the link for our Access and Privacy Code [Access and Privacy Code.pdf](#). If this request includes a release of personal information, TSSA will require consent from the effected party.

Applicant Signature	Date
Please Print and sign before returning to TSSA	May 1, 2019

G. FEES & PAYMENT:

TSSA will provide a fee quote for multiple record requests, which must be approved by the Applicant before a record search commences. For fees for single searches, please refer to Fee Schedule [Website Fee Schedule.pdf](#)

Payment for single record search is attached (please check if payment attached)

	Technical Standards and Safety Authority 345 Carlingview Drive Toronto, Ontario M9W 6N9	COMPLETE FOR CREDIT CARD PAYMENTS																						
Card Type: ☐ VISA ☐ MASTERCARD	Amount of Payment \$	56.50																						
Card# <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>																					Expiry Date	<table border="1"><tr><td></td><td></td></tr></table>		
In payment of _____																								
Name of Card Holder _____ <i>First Name</i> <i>Last Name</i>		Client Tel. No. 613-839-3053																						
Signature of Card Holder _____		Date _____ (DD-MM-YYYY)																						



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

24 May 2019

Muriel Kim-Brisson
BLUMETRIC ENVIRONMENTAL INC.
3108 Carp Road
OTTAWA ON K0A 1L0

Subject: 975 Gladstone Avenue, Ottawa, Ontario
Your File No.: 190402
SR No.: 2578536

Dear Madam/Sir:

We are in receipt of your correspondence wherein you requested information regarding the above noted subject.

A search of our records produced the attached Fuels Safety documents.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

Trusting the attached satisfies your request; however, should you have any questions, please contact Public Information at publicinformationservices@tssa.org.

Yours truly,

Roxana Suarez-Mashtaler
Public Information Services

Perform Inspection (FS) for Job 012533870-001 (C000735)

Description: C000735 11

Assignments

Status: Complete by EMPLOYEF

Schedule

Assigned To: CONV

Scheduled Start: mmm dd, yyyy

Reports

Outcome: Inspection Complete

Scheduled Complete: mmm dd, yyyy

Actual Start: Jul 14, 1994 00:00

Actual Complete: Jul 14, 1994 00:00

Details

Client

Ranger

Time

Documents

Comments

O/S Orders

Resolved/Orders

Note Type

Last Updated By

On

Locked Note

FS Deficiency Resolved FORMER EMPLOYEE Jul 14, 1994 00:00:00 GASOLINE REVISED REGULATION 521/93 Section# 05 bc

<|



Ministry of
Consumer and
Commercial
Ontario Relations

Technical
Standards
Division

Fuels
Safety
Branch

Report #

C- 000735

Inspector's Report A

ABANDONED 36,000 LTR TANK

Location Inspected	
B&A BANKNOTE LTD	
Location Address	
975 GLADSTONE AVE	
City/Town	Postal Code
OTTAWA	
Operator's Name	Tel. No.
MS KATHY REICHARD	ENVIRO COORDINATOR

Owner's Name	
SANTIS	
Address	
Tel. No.	
City/Town	Postal Code

Contractor
N/A

Fuel Supplier
N/A

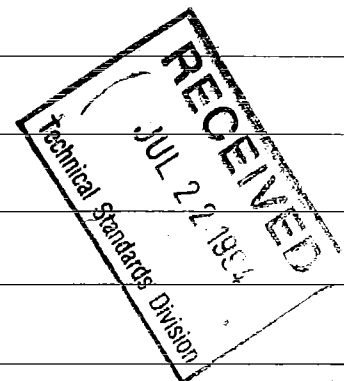
OPERATION	SUB TYPE	LOC TYPE	POP DENS	FUEL	CLASS	REASON	TRIGGER
95/2		02	01	Diesel	02	11	01
ACTION	ACT GAS	REG 52/93	DURATION	BILLABLE			
01	EMERGENCY	302/80	2.0				
DAMAGE	OCC RATE	CAUSE	CON FACT	OCC DATE	OCC TIME		
FIELD 1	CALL						F/U REQ'D?
	01						

Equipment/Appliance/Component

Type	Code
Description	
Manufacturer	
Model	Serial #
Material	
Corrosion Protection	
Fuel Input Rating	
Capacity	
Installation Date	
Manufacturer Date	
Supply Pressure	Manifold Pressure

Equipment/Appliance/Component

Type	Code
Description	
Manufacturer	
Model	Serial #
Material	
Corrosion Protection	
Fuel Input Rating	
Capacity	
Installation Date	
Manufacturer Date	
Supply Pressure	Manifold Pressure



Inspector's Name

R. Moore

Badge #

23



Ministry of
Consumer and
Commercial
Relations

Ministère de la
Consommation
et du
Commerce

Technical Standards Division
Division des normes techniques

Fuels Safety Branch
Direction de la sécurité des combustibles

Inspector's Report B
Rapport d'inspection B

Report #/Rapport n°

000785

Date:

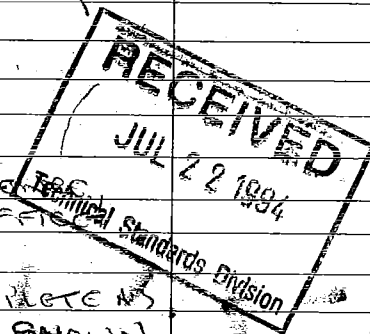
94-07-14

y/a m/m, d/j

Location Address/Adresse des locaux (No RR's)/(pas de R.R.)		KATHY PRITCHARD, ENVIRONMENTAL CO-ORDINATOR. B/A BANKNOTE. 975 GLADSTONE AVE. OTTAWA.	
Issued To/Délivré à	MIS K. PRITCHARD.	Position/Fonction	00419473
Your attention is requested pursuant to : ENERGY Act 1980 On attire votre attention sur les dispositions suivantes: Loi		Regulation 329 Règlement	
Licence #/N° de permis	Expiry/Echéance	Registration #/N° d'inscription	Expiry/Echéance
N/A		N/A	
Certification #/N° d'accréditation	Expiry/Echéance		
N/A			

CALL/VISITE	ACTION /MESURES PRISES	DURATION/DURÉE	BILLABLE /FACTURABLE	FIELD 1/CHAMP 1		
01	01	2.0				

Order # Ordre n°	Section Article	You are hereby instructed to correct the following infraction(s) Par les présentes, on vous ordonne de rectifier l'infraction ou les infractions suivantes	Compl Date Date limite
		YOUR CONSULTANTS WHILE IN PROCESS OF CONDUCTING A PHASE I SITE AUDIT, DISCOVERED AN ABANDONED - UNDERGROUND 5000 GALLON HEATING OIL TANK, AGE UNKNOWN. SAME BELIEVED TO HAVE BEEN INITIALLY UTILIZED FOR BUNKER "C" THEN CONVERTED TO NO.2 OIL, USAGE DISCONTINUED 10-15 YEARS AGO.	
①	See 5(b)(c)	PURSUANT TO SECTION 5(1) OF THE FUEL OIL CODE, THE OWNER SHALL: "WHERE AN UNDERGROUND TANK WILL NOT BE USED OR WHERE IT HAS NOT BEEN USED FOR TWO YEARS, WHICH EVER COMES FIRST." REMOVE THE TANK & PIPING FROM THE GROUND & ANY CONTAMINATED SOIL FOUND.	SEPT 1/94
	<u>NOTE</u>	Any REMEDIAL REPORTS OR CORRESPONDENCE DIRECT TO Mr. R. WRYCROFT - TORONTO OFFICE 416-334-6000. ON COMPLIANCE, REVERSE FORM COMPLETE AS INDICATED & RETURN COPY TO ADDRESS SHOWN.	



Received By: (print)/Reçu par: (lettres moulées)	Inspector: (print)/Inspecteur(trice)(lettres moulées)	Page 1 of/de 1
KATHY PRITCHARD	R. J. MORRIS - 416-334-6130 - EX 2076	
Position/Fonction ENVIRONMENTAL CO-ORDINATOR	Signature R. J. MORRIS	
Signature Kathy Pritchard	Inspector's Badge #/N° d'insigne de l'inspecteur(trice): 23	

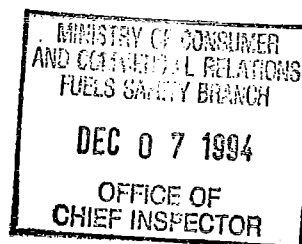


B A BANKNOTE
A division of Quebecor Printing Inc.

Ministry of Consumer and Commercial Relations
Fuels Safety Branch
4th Floor, West Tower
3300 Bloor Street West
Etobicoke, Ontario
M8X 2X4

Attention: Mr. R. Wrycroft

Re: Underground Storage Tank Removal
B A Banknote Inc.



Dear Mr. Wrycroft:

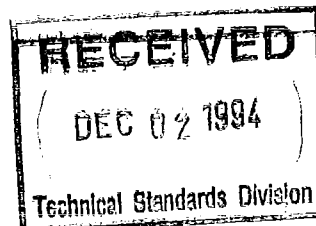
Enclosed please find a copy of the final report prepared by our consultant, Water and Earth Science Associates Ltd., documenting the removal of an underground storage tank from the B A Banknote facility, located at 175 Gladstone Avenue, Etobicoke, Ontario.

The report is being submitted in accordance with Inspector's Report No. 000735, dated July 14, 1994, which was issued to B A Banknote by Mr. Ron Moore of the Fuels Safety Branch. Note that the tank and soil removal was completed prior to the compliance date of September 1, 1994. A copy of the original Inspector's Report, completed on the reverse side as indicated, is also enclosed with this letter.

We trust this is satisfactory. Please contact the undersigned if you require anything further regarding this matter.

Sincerely,

Kathy Pritchard
Env./OH&S Co-ordinator and Research Analyst



PRINTERS SINCE 1866

PLATES ENGRAVED ON CONDITION THEY REMAIN IN THE CUSTODY OF THIS COMPANY

**COMPLETION REPORT
FOR
REMOVAL OF THE
FORMER HEATING OIL
UNDERGROUND STORAGE TANK**

Prepared for:

B A BANKNOTE
975 Gladstone Avenue, Ottawa, Ontario

Prepared by:

WATER AND EARTH SCIENCE ASSOCIATES LTD.
P.O. Box 430, Carp, Ontario KOA 1L0

File No. 3148-B

October 1994



DATABASE **REPORT**

Project Property:	<i>975 Gladstone Avenue Phase One ESA 975 Gladstone Avenue Ottawa ON K1Y 4W5 190402</i>
Project No:	
Report Type:	<i>RSC Report (Urban)</i>
Order No:	<i>20190501135</i>
Requested by:	<i>BluMetric Environmental Inc.</i>
Date Completed:	<i>May 7, 2019</i>

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

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Executive Summary

Property Information:

Project Property: 975 Gladstone Avenue Phase One ESA
975 Gladstone Avenue Ottawa ON K1Y 4W5

Project No: 190402

Order Information:

Order No: 20190501135
Date Requested: May 1, 2019
Requested by: BluMetric Environmental Inc.
Report Type: RSC Report (Urban)

Historical/Products:

Topographic Map Ontario Base Map (OBM)

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	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
AUWR	Automobile Wrecking & Supplies	Y	0	1	1
BORE	Borehole	Y	3	33	36
CA	Certificates of Approval	Y	8	10	18
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	2	1	3
EBR	Environmental Registry	Y	6	1	7
ECA	Environmental Compliance Approval	Y	8	9	17
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	3	25	28
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 TSSA Expired Facilities	Y	0	7	7
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
FST	Fuel Storage Tank	Y	0	2	2
FSTH	Fuel Storage Tank - Historic	Y	0	2	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	17	142	159
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	2	2
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	1	1
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
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	10	15	25
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	8	8
PINC	TSSA Pipeline Incidents	Y	0	5	5
PRT	Private and Retail Fuel Storage Tanks	Y	0	2	2
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	5	36	41
SPL	Ontario Spills	Y	4	19	23
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	TSSA 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	24	24
Total:			66	346	412

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<u>1</u>	CA	B.A. BANKNOTE INC.	975 GLADSTONE AVE. OTTAWA CITY ON K1Y 4W5	-/0.0	0.23	<u>85</u>
<u>1</u>	CA	BA International Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>85</u>
<u>1</u>	CA	BA Banknote Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>85</u>
<u>1</u>	CA	BA Banknote Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>86</u>
<u>1</u>	CA	BA International Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>86</u>
<u>1</u>	CA		975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>86</u>
<u>1</u>	CA	BA International Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>86</u>
<u>1</u>	CA		975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>87</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	EASR	CANADIAN BANK NOTE COMPANY, LIMITED	975 GLADSTONE AVE OTTAWA ON K1Y 4W5	-/0.0	0.23	<u>87</u>
<u>1</u>	EASR	CANADIAN BANK NOTE COMPANY, LIMITED	975 GLADSTONE AVE OTTAWA ON K1Y 4W5	-/0.0	0.23	<u>87</u>
<u>1</u>	EBR	BA Banknote Inc.	975 Gladstone Avenue Ottawa Ontario Ottawa ON	-/0.0	0.23	<u>88</u>
<u>1</u>	EBR	BA Banknote Inc.	975 Gladstone Avenue Ottawa Ontario CITY OF OTTAWA ON	-/0.0	0.23	<u>88</u>
<u>1</u>	EBR	BA Banknote Inc.	975 Gladstone Avenue Ottawa Ontario Ottawa ON	-/0.0	0.23	<u>88</u>
<u>1</u>	EBR	BA Banknote Inc.	975 Gladstone Avenue Ottawa Ontario Ottawa ON	-/0.0	0.23	<u>89</u>
<u>1</u>	EBR	BA Banknote Inc.	975 Gladstone Avenue Ottawa Ontario CITY OF OTTAWA ON	-/0.0	0.23	<u>89</u>
<u>1</u>	EBR	Canadian Bank Note Company, Limited	975 Gladstone Avenue Ottawa K1Y 4W5 CITY OF OTTAWA ON	-/0.0	0.23	<u>89</u>
<u>1</u>	ECA	BA International Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>90</u>
<u>1</u>	ECA	BA International Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>90</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<u>1</u>	ECA	BA Banknote Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>90</u>
<u>1</u>	ECA	BA Banknote Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>90</u>
<u>1</u>	ECA	BA International Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>91</u>
<u>1</u>	ECA	Canadian Bank Note Company, Limited	975 Gladstone Ave Ottawa ON K1Y 4W5	-/0.0	0.23	<u>91</u>
<u>1</u>	ECA	BA Banknote Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>91</u>
<u>1</u>	ECA	BA Banknote Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>91</u>
<u>1</u>	EHS		975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>92</u>
<u>1</u>	EHS		975 Gladstone Avenue n/a ON K1Y 4W5	-/0.0	0.23	<u>92</u>
<u>1</u>	EHS		975 Gladstone Avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>92</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	GEN	BA INTERNATIONAL INC.	975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	-/0.0	0.23	<u>92</u>
<u>1</u>	GEN	BA INTERNATIONAL INC.	975 GLADSTONE AVENUE OTTAWA ON	-/0.0	0.23	<u>94</u>
<u>1</u>	GEN	BA INTERNATIONAL INC.	975 GLADSTONE AVENUE OTTAWA ON K1N 8V4	-/0.0	0.23	<u>95</u>
<u>1</u>	GEN	Canadian Bank Note Company, limited	975 Gladstone avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>96</u>
<u>1</u>	GEN	BA INTERNATIONAL INC.	975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	-/0.0	0.23	<u>97</u>
<u>1</u>	GEN	BA INTERNATIONAL INC.	975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	-/0.0	0.23	<u>99</u>
<u>1</u>	GEN	BA INTERNATIONAL INC.	975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	-/0.0	0.23	<u>100</u>
<u>1</u>	GEN	BA BANKNOTE 05-931	OTTAWA DIV., DIV OF QUEBECOR PUBLITECH INC./975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	-/0.0	0.23	<u>101</u>
<u>1</u>	GEN	Canadian Bank Note Company, limited	975 Gladstone avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>102</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	GEN	BA BANKNOTE INC.	975 GLADSTONE AVENUE OTTAWA ON K1N 8V4	-/0.0	0.23	<u>103</u>
<u>1</u>	GEN	Canadian Bank Note Company, limited	975 Gladstone avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>104</u>
<u>1</u>	GEN	Pinchin Environmental	975 Gladstone Ottawa ON K1Y 4W5	-/0.0	0.23	<u>105</u>
<u>1</u>	GEN	BRITISH AMERICAN BANK NOTE INC.	975 GLADSTONE AVENUE C/O P.O. BOX 399, STATION A OTTAWA ON K1Y 4W5	-/0.0	0.23	<u>105</u>
<u>1</u>	GEN	Canadian Bank Note Company, limited Gladstone	975 Gladstone avenue Ottawa ON K1Y 4W5	-/0.0	0.23	<u>106</u>
<u>1</u>	GEN	BA BANKNOTE	975 GLADSTONE AVENUE OTTAWA ON K1N 8V4	-/0.0	0.23	<u>108</u>
<u>1</u>	GEN	BA BANKNOTE	OTTAWA DIV., DIV OF QUEBECOR PUBLITECH INC. OTTAWA ON K1N 8V4	-/0.0	0.23	<u>109</u>
<u>1</u>	GEN	BA BANKNOTE	OTTAWA DIV., DIV OF QUEBECOR PUBLITECH INC./975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	-/0.0	0.23	<u>109</u>
<u>1</u>	NPRI	BA INTERNATIONAL INC.	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	-/0.0	0.23	<u>110</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	NPRI	BA INTERNATIONAL INC.	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	-/0.0	0.23	<u>111</u>
<u>1</u>	NPRI	BA INTERNATIONAL	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	-/0.0	0.23	<u>112</u>
<u>1</u>	NPRI	BA INTERNATIONAL	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	-/0.0	0.23	<u>113</u>
<u>1</u>	NPRI	BA INTERNATIONAL	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	-/0.0	0.23	<u>114</u>
<u>1</u>	NPRI	BA INTERNATIONAL	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	-/0.0	0.23	<u>116</u>
<u>1</u>	NPRI	BA BANKNOTE INC.	975 GLADSTONE AVE. NOT AVAILABLE OTTAWA ON K1Y 4W5	-/0.0	0.23	<u>118</u>
<u>1</u>	NPRI	BA INTERNATIONAL	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	-/0.0	0.23	<u>119</u>
<u>1</u>	NPRI	BA BANKNOTE INC.	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	-/0.0	0.23	<u>120</u>
<u>1</u>	NPRI	BA INTERNATIONAL	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	-/0.0	0.23	<u>121</u>
<u>1</u>	SCT	B.A. Banknote Inc.	975 Gladstone Ave Ottawa ON K1Y 4W5	-/0.0	0.23	<u>122</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<u>1</u>	SCT	BA International Inc.	975 Gladstone Ave Ottawa ON K1Y 4W5	-/0.0	0.23	<u>122</u>
<u>1</u>	SCT	B.A. Banknote	975 Gladstone Ave Ottawa ON K1Y 4W5	-/0.0	0.23	<u>122</u>
<u>1</u>	SCT	B A BANKNOTE	975 GLADSTONE AVE OTTAWA ON K1Y 4W5	-/0.0	0.23	<u>12</u>
<u>1</u>	SCT	BA International Inc.	975 Gladstone Ave Ottawa ON K1Y 4W5	-/0.0	0.23	<u>123</u>
<u>1</u>	SPL	349977 Ontario Ltd.	975 Gladstone Ave Ottawa ON K1Y 4W5	-/0.0	0.23	<u>123</u>
<u>1</u>	SPL	BA International Inc.	975 Gladstone Ave Ottawa ON K1Y 4W5	-/0.0	0.23	<u>123</u>
<u>1</u>	SPL	BA International Inc.	975 Gladstone Ave Ottawa ON K1Y 4W5	-/0.0	0.23	<u>124</u>
<u>1</u>	SPL	Drain-All Ltd.	975 Gladstone Ave Ottawa ON K1Y 4W5	-/0.0	0.23	<u>124</u>
<u>2</u>	BORE		ON	-/0.0	-0.43	<u>125</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<u>3</u>	BORE		ON	-/0.0	-1.49	<u>126</u>
<u>4</u>	BORE		ON	-/0.0	-0.49	<u>126</u>

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>5</u>	WWIS		OTTAWA ON Well ID: 7245909	E/3.2	-1.43	<u>127</u>
<u>6</u>	WWIS		OTTAWA ON Well ID: 7245908	NE/3.9	-1.16	<u>130</u>
<u>7</u>	WWIS		OTTAWA ON Well ID: 7245907	ENE/4.1	-1.16	<u>132</u>
<u>8</u>	WWIS		OTTAWA ON Well ID: 7245910	E/4.2	-0.79	<u>135</u>
<u>9</u>	WWIS		OTTAWA ON Well ID: 7245911	NE/5.1	-1.40	<u>138</u>
<u>10</u>	SPL	City of Ottawa	Breezehill Ave N between Laurel and Gladstone Ottawa ON	WSW/12.5	-0.31	<u>141</u>
<u>11</u>	BORE		ON	N/17.5	-3.25	<u>141</u>
<u>12</u>	PRT	MR GAS LIMITED ATTN LILIANNE LEVAC	971 GLADSTONE AV OTTAWA ON K1Y 3E5	SE/18.9	-0.09	<u>141</u>
<u>13</u>	WWIS		OTTAWA ON Well ID: 1535405	E/20.6	-1.64	<u>142</u>
<u>14</u>	SCT	Buchanan Lighting Ltd.	129 Loretta Ave N Ottawa ON K1Y 2J7	NNE/28.1	-3.16	<u>143</u>
<u>15</u>	SCT	Beacon Lite Ltd.	131 Loretta Ave N Ottawa ON K1Y 2J7	NNE/35.3	-2.79	<u>143</u>
<u>16</u>	HINC		150 BREEZEHILL AVENUE NORTH OTTAWA ON K1Y 2H8	SW/36.7	0.51	<u>144</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>17</u>	EHS		131 Loretta Avenue Ottawa ON	NNE/37.5	-2.79	<u>144</u>
<u>18</u>	CA	907462 ONTARIO LIMITED	111-113 BREEZEHILL AVE.N., SWM OTTAWA CITY ON K1Y 2H6	NW/39.8	-2.64	<u>144</u>
<u>19</u>	WWIS		lot 39 con 1 ON Well ID: 7292789	ENE/41.7	-2.49	<u>145</u>
<u>20</u>	CA	Grandtech Auto Inc.	111 Breezehill Avenue North Ottawa ON K1Y 2H6	NNW/42.0	-2.40	<u>145</u>
<u>20</u>	EBR	Grandtech Auto Inc.	111 Breezehill Avenue North Suite 3-4 Ottawa Ontario K1Y 2H6 Ottawa ON	NNW/42.0	-2.40	<u>145</u>
<u>20</u>	ECA	Grandtech Auto Inc.	111 Breezehill Avenue North Ottawa ON K1Y 2H6	NNW/42.0	-2.40	<u>146</u>
<u>21</u>	EXP	MR GAS LIMITED **	971 GLADSTONE AV OTTAWA ON K1Y 3E5	ESE/44.8	-1.18	<u>146</u>
<u>21</u>	EXP	MR GAS LIMITED **	971 GLADSTONE AV OTTAWA ON	ESE/44.8	-1.18	<u>146</u>
<u>21</u>	EXP	MR GAS LIMITED **	971 GLADSTONE AV OTTAWA ON	ESE/44.8	-1.18	<u>147</u>
<u>21</u>	EXP	MR GAS LIMITED **	971 GLADSTONE AV OTTAWA ON K1Y 3E5	ESE/44.8	-1.18	<u>147</u>
<u>21</u>	EXP	MR GAS LIMITED **	971 GLADSTONE AV OTTAWA ON K1Y 3E5	ESE/44.8	-1.18	<u>147</u>
<u>21</u>	EXP	MR GAS LIMITED **	971 GLADSTONE AV OTTAWA ON K1Y 3E5	ESE/44.8	-1.18	<u>147</u>
<u>21</u>	EXP	MR GAS LIMITED **	971 GLADSTONE AV OTTAWA ON K1Y 3E5	ESE/44.8	-1.18	<u>148</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>21</u>	SCT	Sportive Sportswear Manufacturers Inc.	155A Loretta Ave N Ottawa ON K1Y 2J7	ESE/44.8	-1.18	<u>148</u>
<u>21</u>	SCT	SPORTIVE SPORTSWEAR MFG INC.	155A LORETTA AVE N OTTAWA ON K1Y 2J7	ESE/44.8	-1.18	<u>148</u>
<u>22</u>	EHS		145 Loretta Avenue North Ottawa ON	ENE/48.6	-1.64	<u>148</u>
<u>22</u>	GEN	TerraPro Corporation	145 Loretta Ave. North Ottawa ON	ENE/48.6	-1.64	<u>149</u>
<u>22</u>	GEN	TerraPro Corporation	145 Loretta Ave. North Ottawa ON K1Y 2J7	ENE/48.6	-1.64	<u>149</u>
<u>22</u>	GEN	TerraPro Corporation	145 Loretta Ave. North Ottawa ON K1Y 2J7	ENE/48.6	-1.64	<u>149</u>
<u>22</u>	GEN	TerraPro Corporation	145 Loretta Ave. North Ottawa ON	ENE/48.6	-1.64	<u>150</u>
<u>22</u>	GEN	TerraPro Corporation	145 Loretta Ave. North Ottawa ON K1Y 2J7	ENE/48.6	-1.64	<u>150</u>
<u>22</u>	GEN	TerraPro Corporation	145 Loretta Ave. North Ottawa ON	ENE/48.6	-1.64	<u>150</u>
<u>22</u>	GEN	DST Group Inc	145 Loretta Ave Ottawa ON K1Y 4W5	ENE/48.6	-1.64	<u>151</u>
<u>22</u>	GEN	TerraPro Corporation	145 Loretta Ave. North Ottawa ON	ENE/48.6	-1.64	<u>151</u>
<u>22</u>	PES	TERRA PRO CORPORATION	145 LORETTA AVE N OTTAWA ON K1Y2J7	ENE/48.6	-1.64	<u>151</u>
<u>22</u>	PES	TERRA PRO CORPORATION	145 LORETTA AVE N OTTAWA ON K1Y2J7	ENE/48.6	-1.64	<u>152</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>22</u>	PES	TERRAPRO CORPORATION	145 LORETTA AVENUE NORTH OTTAWA ON K1Y2J7	ENE/48.6	-1.64	<u>152</u>
<u>22</u>	PES	TERRA PRO CORPORATION	145 LORETTA AVE N OTTAWA ON K1Y 2J7	ENE/48.6	-1.64	<u>152</u>
<u>22</u>	PES	TERRAPRO CORPORATION	145 LORETTA AVENUE NORTH OTTAWA ON K1Y 2J7	ENE/48.6	-1.64	<u>153</u>
<u>23</u>	BORE		ON	SE/49.8	0.12	<u>153</u>
<u>24</u>	BORE		ON	SE/52.2	0.12	<u>153</u>
<u>25</u>	ECA	City of Ottawa	Champagne Avenue Ottawa ON K2G 6J8	SE/55.8	1.51	<u>154</u>
<u>25</u>	ECA	City of Ottawa	From Gladstone Avenue to the South Dead-End at Highway 417 Ottawa ON K2G 6J8	SE/55.8	1.51	<u>154</u>
<u>26</u>	EHS		951 Gladstone Avenue & 145 Loretta Avenue North Ottawa ON	E/56.9	-1.79	<u>154</u>
<u>27</u>	GEN	DST Group Inc	951 Gladstone Ave Ottawa ON K1Y 3E5	ESE/60.6	-1.49	<u>155</u>
<u>27</u>	GEN	LOVE PRINTING SERVICE LTD.	951 GLADSTONE AVENUE OTTAWA ON K1Y 3E5	ESE/60.6	-1.49	<u>155</u>
<u>27</u>	GEN	LOVE PRINTING (OUT OF BUS) 24-265	951 GLADSTONE AVENUE OTTAWA ON K1Y 3E5	ESE/60.6	-1.49	<u>155</u>
<u>28</u>	GEN	DAVID BERMAN TYPOGRAPHICS LIMITED	950 GLADSTONE AVENUE 3RD FLOOR OTTAWA ON K1Y 3E6	SE/61.4	-0.01	<u>156</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>28</u>	GEN	DAVID BERMAN TYPOGRAPHICS LTD.	950 GLADSTONE AVE., 3RD FLOOR OTTAWA ON K1Y 3E6	SE/61.4	-0.01	<u>156</u>
<u>28</u>	SCT	TRADER MEDIA CORP.	950 GLADSTONE AVE OTTAWA ON K1Y 3E6	SE/61.4	-0.01	<u>156</u>
<u>28</u>	SCT	DAVID BERMAN TYPOGRAPHICS LTD.	950 GLADSTONE AVE OTTAWA ON K1Y 3E6	SE/61.4	-0.01	<u>156</u>
<u>29</u>	GEN	G P CYCLE 17-460	1004 GLADSTONE AVE. OTTAWA ON K1Y 3E9	S/62.9	2.62	<u>157</u>
<u>29</u>	GEN	G P CYCLE	1004 GLADSTONE AVE. OTTAWA ON K1Y 3E9	S/62.9	2.62	<u>157</u>
<u>29</u>	GEN	G P CYCLE	1004 GLADSTONE AVENUE OTTAWA ON K1Y 3E9	S/62.9	2.62	<u>157</u>
<u>30</u>	BORE		ON	SE/63.1	-0.01	<u>157</u>
<u>31</u>	GEN	LEBRUN BUILDING SERVICES	75 G Breezehill North Ottawa ON K1Y 2H7	NNW/71.1	-3.79	<u>158</u>
<u>31</u>	GEN	CARQUEST CANADA LTD.	AUTO PAINT SUPPLY 35A LAUREL STREET OTTAWA ON K1Y 4M4	NNW/71.1	-3.79	<u>158</u>
<u>31</u>	GEN	MCKERLIE-MILLEN INC.	35A LAUREL STREET OTTAWA ON K1Y 4M4	NNW/71.1	-3.79	<u>158</u>
<u>31</u>	GEN	CARQUEST CANADA LTD.	35A LAUREL STREET OTTAWA ON K1Y 4M4	NNW/71.1	-3.79	<u>159</u>
<u>31</u>	GEN	MCKERLIE MILLEN (SEE & USE ON2231907)	35A LAUREL STREET OTTAWA ON K1Y 4M4	NNW/71.1	-3.79	<u>159</u>
<u>31</u>	SCT	merge design, print & promo	35B Laurel St Ottawa ON K1Y 4M4	NNW/71.1	-3.79	<u>159</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>31</u>	SCT	Wake Cup Coffee Roasters	35 Laurel St Ottawa ON K1Y 4M4	NNW/71.1	-3.79	<u>160</u>
<u>31</u>	SCT	Signs in 23 hours.com	35B Laurel St Ottawa ON K1Y 4M4	NNW/71.1	-3.79	<u>160</u>
<u>31</u>	SCT	Breezehill Heating Ltd.	75 Breezehill Ave N Unit D Ottawa ON K1Y 2H6	NNW/71.1	-3.79	<u>160</u>
<u>31</u>	SCT	Paper Sign Man	35B Laurel St Ottawa ON K1Y 4M4	NNW/71.1	-3.79	<u>160</u>
<u>32</u>	WWIS		Ottawa ON Well ID: 7174653	ESE/72.9	-1.49	<u>161</u>
<u>33</u>	SPL	OTTAWA HYDRO	99 BREEZE HILL AVENUE TRANSFORMER OTTAWA CITY ON	NNW/74.9	-3.49	<u>164</u>
<u>34</u>	EHS		941-971 Gladstone Avenue Ottawa ON K1Y 3E5	ESE/75.1	-1.49	<u>164</u>
<u>35</u>	WWIS		Ottawa ON Well ID: 7205660	NE/77.6	-4.18	<u>164</u>
<u>36</u>	HINC		995 GLADSTONE AVENUE OTTAWA ON K1Y 3E8	SSW/80.1	1.51	<u>166</u>
<u>37</u>	SCT	VESUVIO IRON LOGIC CUSTOM	949 GLADSTONE AVE OTTAWA ON K1Y 3E5	ESE/85.9	-1.40	<u>166</u>
<u>37</u>	SCT	VESUVIO IRON WORKS	949 GLADSTONE AVE OTTAWA ON K1Y 3E5	ESE/85.9	-1.40	<u>166</u>
<u>38</u>	BORE		ON	NNE/86.1	-4.79	<u>167</u>
<u>39</u>	GEN	Public Services & Procurement Canada ESD/AFD	1010 Somerset ST W OTTAWA ON K1R 6R9	NNE/87.4	-4.49	<u>167</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>40</u>	SCT	The Original Maple Bat Company	93 Bayswater Ave Unit A Ottawa ON K1Y 2G2	WNW/89.8	-2.18	<u>168</u>
<u>40</u>	SCT	The Original Maple Bat Company	93 Bayswater Ave Ottawa ON K1Y 2G2	WNW/89.8	-2.18	<u>168</u>
<u>41</u>	WWIS		Ottawa ON Well ID: 7174652	ESE/89.9	-1.40	<u>169</u>
<u>42</u>	PINC		166 LORETTA AVENUE, OTTAWA ON	SSE/90.6	1.49	<u>171</u>
<u>42</u>	SPL	Enbridge Gas Distribution Inc.	166 Loretta Ave Ottawa ON	SSE/90.6	1.49	<u>172</u>
<u>43</u>	SPL	PRIVATE RESIDENCE	189 BREEZEHILL N., FURNACE OIL TANK FURNACE OIL TANK OTTAWA CITY ON	SSE/93.8	2.54	<u>172</u>
<u>44</u>	WWIS		OTTAWA ON Well ID: 1536545	SE/94.3	0.60	<u>173</u>
<u>45</u>	SCT	SPORTIVE SPORTSWEAR MFG INC.	155 A LORETTA AVE N OTTAWA ON K1Y 2J7	ESE/106.0	-2.49	<u>175</u>
<u>46</u>	WWIS		OTTAWA ON Well ID: 7183730	ESE/107.6	-2.49	<u>175</u>
<u>47</u>	WWIS		Ottawa ON Well ID: 7188016	E/107.8	-2.49	<u>178</u>
<u>48</u>	BORE		ON	ENE/109.7	-3.79	<u>180</u>
<u>49</u>	WWIS		OTTAWA ON Well ID: 7183731	ESE/110.6	-2.49	<u>181</u>
<u>50</u>	WWIS		OTTAWA ON Well ID: 7183728	ESE/111.1	-2.49	<u>184</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>51</u>	WWIS		Ottawa ON Well ID: 7174651	E/114.5	-2.49	<u>187</u>
<u>51</u>	WWIS		Ottawa ON Well ID: 7174650	E/114.5	-2.49	<u>189</u>
<u>52</u>	WWIS		ON Well ID: 1508421	SE/115.3	1.26	<u>192</u>
<u>53</u>	WWIS		ON Well ID: 7216640	NW/125.6	-3.69	<u>195</u>
<u>54</u>	SPL	PRIVATE RESIDENCE	69 BAYSWATER AVE. FURNACE OIL TANK OTTAWA CITY ON K1Y 2E7	NW/127.6	-3.57	<u>196</u>
<u>55</u>	WWIS		Ottawa ON Well ID: 7183729	E/133.5	-2.49	<u>196</u>
<u>56</u>	EHS		73 Breezehill Ave North Ottawa Ontario Ottawa ON K1Y 2H6	NNW/134.1	-4.43	<u>199</u>
<u>56</u>	EHS		73 Breezehill Avenue North Ottawa ON K1Y 2H6	NNW/134.1	-4.43	<u>199</u>
<u>56</u>	SCT	Arc Industries - Div. of OCAPDD	73 Breezehill Ave N Ottawa ON K1Y 2H6	NNW/134.1	-4.43	<u>199</u>
<u>56</u>	SCT	A R C INDUSTRIES	73 BREEZEHILL AVE N OTTAWA ON K1Y 2H6	NNW/134.1	-4.43	<u>200</u>
<u>56</u>	SCT	ARC Industries	73 Breezehill Ave N Ottawa ON K1Y 2H6	NNW/134.1	-4.43	<u>200</u>
<u>57</u>	WWIS		OTTAWA ON Well ID: 7183732	E/135.5	-2.49	<u>200</u>
<u>58</u>	NPRI	CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	SE/136.3	-0.49	<u>203</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
59	GEN	DSS CAPITAL REGION SUPPLY CENTRE	933 GLADSTONE AVENUE OTTAWA ON K1A 0T4	N/137.3	-5.49	204
59	GEN	GVT. OF CAN.- PUBLIC WORKS CANADA 18-375	CHP PLOUFFE PARK 933 GLADSTONE AVE. C/O PLACE DU PORTAGE PHASE IV LEVEL II HULL OTTAWA ON K1A 0T4	N/137.3	-5.49	204
59	GEN	GVT. OF CAN.- PUBLIC WORKS CANADA	CHP PLOUFFE PARK 933 GLADSTONE AVE. C/O PLACE DU PORTAGE PHASE IV LEVEL II OTTAWA ON K1A 0T4	N/137.3	-5.49	204
59	GEN	PUBLIC WORKS AND GOVT SERVICES CANADA	CAPITAL REGION SUPPLY CENTRE (CRSC) 933 GLADSTONE AVENUE OTTAWA ON K1A 0T4	N/137.3	-5.49	205
59	GEN	DSS CAPITAL REGION SUPPLY CENTRE 13-297	933 GLADSTONE AVENUE OTTAWA ON K1A 0T4	N/137.3	-5.49	205
59	GEN	GVT. OF CAN.- PUBLIC WORKS CANADA 18-375	CHP PLOUFFE PARK 933 GLADSTONE AVE. C/O PLACE DU PORTAGE PHASE IV LEVEL II ON K1A 0T4	N/137.3	-5.49	206
59	SPL	UNKNOWN	933 GLADSTONE OTTAWA CITY ON K1A 0T4	N/137.3	-5.49	206
60	EASR	CITY OF OTTAWA	175 LORETTA AVE N OTTAWA ON K1Y 4L8	SE/144.5	-0.49	206
60	ECA	City of Ottawa	175 Loretta Ave N Ottawa ON K1P 1J1	SE/144.5	-0.49	207
60	ECA	City of Ottawa	175 Loretta Ave N Ottawa ON K1Y 4L8	SE/144.5	-0.49	207
60	FST	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	175 LORETTA AVE N OTTAWA ON K1Y 4L8	SE/144.5	-0.49	207
60	FST	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	175 LORETTA AVE N OTTAWA ON K1Y 4L8	SE/144.5	-0.49	207

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
60	FSTH	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	175 LORETTA AV N OTTAWA ON K1Y 4L8	SE/144.5	-0.49	208
60	FSTH	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	175 LORETTA AV N OTTAWA ON K1Y 4L8	SE/144.5	-0.49	208
60	GEN	City of Ottawa	175 Loretta Ave N. Ottawa ON K1Y 4L8	SE/144.5	-0.49	209
60	GEN	Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y-4L8	SE/144.5	-0.49	209
60	GEN	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	SE/144.5	-0.49	209
60	GEN	Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y-4L8	SE/144.5	-0.49	210
60	GEN	Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y 4L8	SE/144.5	-0.49	210
60	GEN	City of Ottawa	175 Loretta Ave N. Ottawa ON K1Y 4L8	SE/144.5	-0.49	211
60	GEN	Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y 4L8	SE/144.5	-0.49	211
60	GEN	Corporation City of Ottawa	175 Loretta Ave N Ottawa ON	SE/144.5	-0.49	212
60	GEN	City of Ottawa	175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	SE/144.5	-0.49	212
60	GEN	Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y 4L8	SE/144.5	-0.49	213

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
60	GEN	OTTAWA-CARLTON, REGIONAL MUN OF	REGIONAL ROAD #13 AT MANOTICK 175 LORETTA AVE N OTTAWA ON K1Y 4L8	SE/144.5	-0.49	213
60	GEN	City of Ottawa	175 Loretta Ave N. Ottawa ON K1Y 4L8	SE/144.5	-0.49	214
60	GEN	Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y 4L8	SE/144.5	-0.49	214
60	GEN	City of Ottawa	175 LORETTA AVENUE NORTH OTTAWA ON	SE/144.5	-0.49	214
60	GEN	OTTAWA-CARLTON, REGIONAL MUN. OF	SIGNALS AND COMMUNICATIONS 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	SE/144.5	-0.49	215
60	GEN	OTTAWA-CARLTON, REGIONAL MUN OF	REGIONAL ROAD #28 (NAVAN ROAD) 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	SE/144.5	-0.49	215
60	GEN	Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y-4L8	SE/144.5	-0.49	216
60	GEN	City of Ottawa	175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	SE/144.5	-0.49	216
60	GEN	City of Ottawa	175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	SE/144.5	-0.49	217
60	GEN	Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y-4L8	SE/144.5	-0.49	217
60	GEN	OTTAWA-CARLETON, REGIONAL MUN. OF	SIGNALS AND COMMUNICATIONS 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	SE/144.5	-0.49	217
60	GEN	Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y 4L8	SE/144.5	-0.49	218
60	GEN	City of Ottawa	175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	SE/144.5	-0.49	218

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
60	GEN	City of Ottawa	175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	SE/144.5	-0.49	219
60	GEN	City of Ottawa Public Works Department	175 Loretta Ave N. Ottawa ON K1Y 4L8	SE/144.5	-0.49	219
60	NPRI	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	SE/144.5	-0.49	220
60	NPRI	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	SE/144.5	-0.49	221
60	NPRI	CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	SE/144.5	-0.49	221
60	NPRI	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	SE/144.5	-0.49	222
60	NPRI	CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	SE/144.5	-0.49	223
60	NPRI	CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	SE/144.5	-0.49	224
60	NPRI	CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	SE/144.5	-0.49	225
60	NPRI	CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	SE/144.5	-0.49	226
60	NPRI	CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	SE/144.5	-0.49	227
60	NPRI	CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	SE/144.5	-0.49	228

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
60	NPRI	CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	SE/144.5	-0.49	229
60	NPRI	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	SE/144.5	-0.49	230
60	NPRI	CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y 4L8	SE/144.5	-0.49	231
60	NPRI	TRAFFIC OPERATIONS BRANCH R.M.O.C	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	SE/144.5	-0.49	231
60	PRT	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : DO	175 LORETTA AV N OTTAWA ON K1Y 4L8	SE/144.5	-0.49	232
60	SPL	KENT FUELS	175 LORETTA AVE. RMOC GARAGE TANK TRUCK (CARGO) OTTAWA CITY ON	SE/144.5	-0.49	233
61	EHS		86 Bayswater Ave Ottawa ON K1Y 2E9	WNW/144.7	-1.52	233
62	BORE		ON	N/145.7	-5.79	233
63	EHS		57 Bayswater Ave Ottawa ON K1Y 2E8	NW/148.5	-3.57	234
64	EHS		57 Bayswater Ave Ottawa ON K1Y2E8	NW/149.6	-2.49	234
65	PINC		114 BAYSWATER AVE, OTTAWA ON	WSW/150.5	-0.49	234
66	EHS		933 Gladstone Ave Ottawa ON K1A0T4	NE/160.5	-5.49	235

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
67	GEN	Hydro OTTAWA LIMITED	59 LAUREL AVE OTTAWA ON K2C3G2	W/161.3	-1.52	235
68	EHS		933 Gladstone Ave Ottawa ON K1A0T4	NE/163.7	-5.49	235
69	AUWR	A & T AUTO PARTS	55 BREEZEHILL AVE N OTTAWA ON K1Y 2H6	NNW/168.1	-5.57	235
70	BORE		ON	SSW/171.3	4.31	235
71	GEN	Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON	NW/171.5	-4.24	236
71	GEN	Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON	NW/171.5	-4.24	236
71	GEN	Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON	NW/171.5	-4.24	237
71	GEN	OTTAWA BOARD OF EDUCATION	100 BREEZEHILL AVENUE OTTAWA ON K1Y 2H5	NW/171.5	-4.24	237
71	GEN	Ottawa-Carleton District School Board Health & Safety	100 Breezehille Ave. Ottawa ON K1Y 2H5	NW/171.5	-4.24	238
71	GEN	Ottawa-Carleton District School Board	Devonshire PS 100 Breezehill Avenue Ottawa ON	NW/171.5	-4.24	238
71	GEN	Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON	NW/171.5	-4.24	239
71	GEN	Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON K1Y 2H5	NW/171.5	-4.24	239
71	GEN	Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON K1Y 2H5	NW/171.5	-4.24	240

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71	GEN	Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON K1Y 2H5	NW/171.5	-4.24	240
71	GEN	SEACOR Environmental Inc.	100 Breezehill Ave Ottawa ON	NW/171.5	-4.24	241
71	GEN	Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON K1Y 2H5	NW/171.5	-4.24	241
71	GEN	SLR Consulting (Canada) Ltd.	100 Breezehill Ave Ottawa ON	NW/171.5	-4.24	241
71	GEN	SLR Consulting (Canada) Ltd.	100 Breezehill Ave Ottawa ON K1Y 2H5	NW/171.5	-4.24	242
71	GEN	Ottawa-Carleton District School Board	Devonshire Community PS 100 Breezehill Avenue Ottawa ON K1Y 2H5	NW/171.5	-4.24	242
71	GEN	Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON K1Y 2H5	NW/171.5	-4.24	242
72	BORE		ON	N/173.9	-6.94	243
73	BORE		ON	S/183.5	4.55	244
74	BORE		ON	WNW/190.0	-1.40	244
75	INC		49 Bayswater Avenue, Ottawa ON K1Y 2E7	NW/191.9	-3.44	245
75	SPL	Broadband Maintenance Inc. <UNOFFICIAL>	49 Bayswater Ave Ottawa ON K1Y 2E7	NW/191.9	-3.44	246
76	PINC		93 Spadina Avenue, Ottawa ON	WSW/192.9	0.43	246

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76	SPL	Enbridge Gas Distribution Inc.	93 Spadina Ave. Ottawa ON K1Y 2B9	WSW/192.9	0.43	247
77	BORE		ON	ENE/194.6	-4.49	247
78	BORE		ON	ESE/197.5	-2.55	248
79	BORE		ON	S/204.6	4.51	248
80	EHS		1040 Somerset St. W Ottawa ON	NNW/208.1	-5.54	249
80	GEN	AERO MECHTRONICS LIMITED	1040 SOMERSET STREET WEST OTTAWA ON K1Y 4L3	NNW/208.1	-5.54	249
80	GEN	AERO MECHTRONICS LIMITED	1040 SOMERSET STREET WEST OTTAWA ON K1Y 4L3	NNW/208.1	-5.54	249
80	GEN	AERO MECHTRONICS LIMITED 01-084	1040 SOMERSET STREET WEST OTTAWA ON K1Y 4L3	NNW/208.1	-5.54	249
80	WWIS		OTTAWA ON Well ID: 7184358	NNW/208.1	-5.54	250
81	BORE		ON	SSW/209.4	4.51	253
82	GEN	ACKLANDS LIMITED	1050 SOMERSET ST. WEST OTTAWA ON K1Y 3C5	NW/214.7	-4.77	254
82	GEN	ACKLANDS LIMITED	1050 SOMERSET STREET WEST OTTAWA ON K1Y 3C5	NW/214.7	-4.77	254
82	GEN	ACKLANDS LIMITED 02-414	1050 SOMERSET ST. WEST OTTAWA ON K1Y 3C5	NW/214.7	-4.77	254

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<u>83</u>	BORE		ON	S/215.0	4.51	<u>255</u>
<u>84</u>	BORE		ON	S/216.7	4.51	<u>255</u>
<u>85</u>	BORE		ON	W/222.9	0.51	<u>256</u>
<u>86</u>	BORE		ON	SE/224.2	0.51	<u>256</u>
<u>87</u>	CA	4461916 Canada Corp.	53 Young St Lot Part of Block D, Part 1, Ref. Plan 5R-8356 Registered Plan 73 Ottawa ON	SE/227.4	0.56	<u>257</u>
<u>87</u>	CA	4461916 Canada Corp.	53 Young St Ottawa ON	SE/227.4	0.56	<u>258</u>
<u>87</u>	ECA	4461916 Canada Corp.	53 Young St Lot Part of Block D, Part 1, Ref. Plan 5R-8356 Registered Plan 73 Ottawa ON K2B 5B2	SE/227.4	0.56	<u>258</u>
<u>87</u>	ECA	4461916 Canada Corp.	53 Young St Ottawa ON K2B 5B2	SE/227.4	0.56	<u>258</u>
<u>87</u>	RSC	4461916 Canada Corp	53 YOUNG ST, OTTAWA, ON, K1Y 3P5 ON K1S 5T5	SE/227.4	0.56	<u>258</u>
<u>88</u>	BORE		ON	S/229.0	5.60	<u>259</u>
<u>89</u>	ECA	Ottawa Salus Corporation	Lot 7, Bk 123, Reg. Plan 34, 930-934 Gladstone Ave Ottawa ON K1Y 2X5	E/229.6	-3.57	<u>259</u>
<u>90</u>	SCT	Esprit de Corps Inc.	1066 Somerset St W Unit 204 Ottawa ON K1Y 4T3	NW/229.9	-4.49	<u>260</u>
<u>90</u>	SCT	Grafik Visuals	A-1066 Somerset St W Ottawa ON K1Y 4T3	NW/229.9	-4.49	<u>260</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>90</u>	SCT	ESPRIT DE CORPS	1066 SOMERSET ST W SUITE 204 OTTAWA ON K1Y 4T3	NW/229.9	-4.49	<u>260</u>
<u>91</u>	SCT	V Steel Works Ltd.	17 Larch St Ottawa ON K1R 6W4	ENE/235.3	-4.49	<u>261</u>
<u>92</u>	BORE		ON	ESE/235.4	-1.42	<u>261</u>
<u>93</u>	EHS		86-88 Spadina Ave Ottawa ON K1Y 2C1	WSW/236.1	0.82	<u>261</u>
<u>93</u>	EHS		86 Spadina Avenue Ottawa ON K1Y 2C1	WSW/236.1	0.82	<u>262</u>
<u>93</u>	EHS		86-88 Spadina Avenue Ottawa ON K1Y 2C1	WSW/236.1	0.82	<u>262</u>
<u>94</u>	BORE		ON	S/236.2	5.56	<u>262</u>
<u>95</u>	SCT	L'ORA DI OTTAWA	203 LOUISA ST OTTAWA ON K1R 6Y9	E/237.6	-2.49	<u>263</u>
<u>95</u>	SCT	L'Ora di Ottawa (1987) Ltd.	203 Louisa St Ottawa ON K1R 6Y9	E/237.6	-2.49	<u>263</u>
<u>96</u>	CA		Lot 7, Bk 123, Reg. Plan 34, 930-934 Gladstone Ave Ottawa ON K1R 6Y4	E/239.6	-3.49	<u>263</u>
<u>97</u>	BORE		ON	NW/240.1	-3.16	<u>263</u>
<u>98</u>	BORE		ON	NE/241.0	-5.18	<u>264</u>
<u>99</u>	EHS		53 Young Street Ottawa ON K1S 5T5	SE/241.7	1.37	<u>265</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>100</u>	BORE		ON	SE/244.0	-0.49	<u>265</u>
<u>101</u>	BORE		ON	NNW/249.4	-6.49	<u>265</u>
<u>102</u>	SPL	FRANCIS FUELS	108 SPADINA AVENUE TANK TRUCK (CARGO) OTTAWA CITY ON K1Y 2C1	SW/250.9	1.51	<u>266</u>
<u>103</u>	EHS		21 Spadina Ave Ottawa ON K1Y2B8	WNW/251.1	-1.46	<u>266</u>
<u>104</u>	EHS		62 Spadina Ave Ottawa ON K1Y 2B6	W/253.8	0.46	<u>267</u>
<u>105</u>	SPL	OLRT Constructors	1035 somerset street Ottawa ON	NNW/254.9	-5.49	<u>267</u>
<u>106</u>	BORE		ON	ESE/256.0	-1.49	<u>267</u>
<u>107</u>	EHS		189-191 Louisa St Ottawa ON	E/259.3	-2.49	<u>268</u>
<u>108</u>	EHS		Young Street & Loretta Avenue Ottawa ON	ESE/262.7	-1.49	<u>268</u>
<u>109</u>	SPL		Hwy 417, 200m East of Parkdale - 45.402599, -75.712738 Ottawa ON	ESE/264.2	-1.49	<u>268</u>
<u>110</u>	SCT	Lixar IT Inc.	47A Young St Ottawa ON K1S 3H6	SE/264.7	-0.49	<u>269</u>
<u>111</u>	BORE		ON	ESE/265.7	-1.49	<u>269</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
112	BORE		ON	ESE/265.9	-1.57	270
113	CA	OTTAWA CITY	BAYSWATER AVE./YOUNG ST. OTTAWA CITY ON	S/267.5	5.43	270
113	CA	R.M. OF OTTAWA-CARLETON	BAYSWATER AVE./YOUNG ST. OTTAWA CITY ON	S/267.5	5.43	270
114	EHS		1010 Somerset Street West Ottawa ON	N/270.5	-8.53	271
114	EHS		1010 Somerset St W Ottawa ON	N/270.5	-8.53	271
114	GEN	GVT. OF CAN.-PUBLIC WORKS CANADA	MAINTENANCE SUPPORT SERV. PLOUFFE PARK 1010 SOMERSET ST.W.C/O140 PROMENADE DU PORTAGE-OTTAWA ON K1A 0M3	N/270.5	-8.53	271
114	GEN	GVT. OF CAN.-PUBLIC WORKS CANADA 18-285	MAINTENANCE SUPPORT SERVICES PLOUFFE PARK, 1010 SOMERSET STREET W. OTTAWA ON	N/270.5	-8.53	272
114	GEN	SNC Lavalin O&M	1010 Somerset St. W Ottawa ON K1A 0K9	N/270.5	-8.53	273
114	GEN	Public Works and Government Services Canada	1010 Somerset Street Plouffe Park Shop Ottawa ON	N/270.5	-8.53	274
114	GEN	public works government services canada	1010 SOMERSET STREET WEST OTTAWA ON	N/270.5	-8.53	275
114	GEN	Public Works and Government Services Canada	1010 Somerset Street Plouffe Park Shop Ottawa ON	N/270.5	-8.53	275
114	GEN	Public Works and Government Services Canada	1010 Somerset Street Plouffe Park Shop Ottawa ON	N/270.5	-8.53	276
114	GEN	Public Works and Government Services Canada	1010 Somerset Street Plouffe Park Shop Ottawa ON	N/270.5	-8.53	277

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>114</u>	GEN	BROOKFIELD LEPAGE JOHNSON CONTROLS	1010 SOMERSET STREET PLOUFFE PARK OTTAWA ON	N/270.5	-8.53	<u>278</u>
<u>114</u>	GEN	public works government services canada	1010 SOMERSET STREET WEST OTTAWA ON K1R 6R9	N/270.5	-8.53	<u>279</u>
<u>114</u>	GEN	public works government services canada	1010 SOMERSET STREET WEST OTTAWA ON K1R 6R9	N/270.5	-8.53	<u>279</u>
<u>114</u>	GEN	PUBLIC WORKS CANADA	MAINTENANCE SUPPORT SERVICES PLOUFFE PARK- 1010 SOMERSET STREET WEST OTTAWA ON	N/270.5	-8.53	<u>280</u>
<u>114</u>	GEN	public works government services canada	1010 SOMERSET STREET WEST OTTAWA ON K1R 6R9	N/270.5	-8.53	<u>281</u>
<u>114</u>	GEN	PUBLIC WORK & GOV'T SER CANADA	1010 SOMERSET st OTTAWA ON	N/270.5	-8.53	<u>282</u>
<u>114</u>	GEN	Public Works and Government Services Canada	1010 Somerset Street Plouffe Park Shop Ottawa ON	N/270.5	-8.53	<u>282</u>
<u>114</u>	GEN	public works government services canada	1010 SOMERSET STREET WEST OTTAWA ON	N/270.5	-8.53	<u>283</u>
<u>114</u>	GEN	Public Works and Government Services Canada	1010 Somerset Street Plouffe Park Shop Ottawa ON	N/270.5	-8.53	<u>283</u>
<u>114</u>	PINC		1010 SOMERSET ST, OTTAWA ON	N/270.5	-8.53	<u>284</u>
<u>114</u>	SPL	SHELL CANADA PRODUCTS LTD.	DEPT OF PUBLIC WORKS 1010 SUMMERSET TANK TRUCK (CARGO) OTTAWA CITY ON	N/270.5	-8.53	<u>285</u>
<u>115</u>	BORE		ON	ESE/271.1	-1.49	<u>285</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>116</u>	SPL	OC TRANSP	STORM SEWER AT SUMMERSET AND BAYWATER, FROM OC TRANSIT BUS. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	NW/273.8	-4.78	<u>286</u>
<u>117</u>	SPL	FORM ALL CONSTRUCTION	SOMERSET & BAYSWATER OTTAWA CITY ON	NW/275.3	-4.78	<u>286</u>
<u>118</u>	EHS		916 Gladstone Avenue Ottawa ON K1R 6Y4	E/276.1	-2.40	<u>287</u>
<u>118</u>	WWIS		lot 39 con 1 OTTAWA ON Well ID: 1536292	E/276.1	-2.40	<u>287</u>
<u>119</u>	WWIS		Ottawa ON Well ID: 7107610	SSE/278.5	3.65	<u>290</u>
<u>120</u>	CA	HARAMBEE CENTRES CANADA	29 BAYWATER AVE. (SWM) OTTAWA CITY ON	NW/282.0	-5.43	<u>291</u>
<u>120</u>	GEN	Institute of Naturopathic Education and Research	29 Bayswater Ave. Ottawa ON K1Y 2E5	NW/282.0	-5.43	<u>292</u>
<u>120</u>	GEN	Institute of Naturopathic Education and Research	29 Bayswater Ave. Ottawa ON K1Y 2E5	NW/282.0	-5.43	<u>292</u>
<u>120</u>	GEN	Institute of Naturopathic Education and Research	29 Bayswater Ave. Ottawa ON K1Y 2E5	NW/282.0	-5.43	<u>292</u>
<u>120</u>	GEN	Institute of Naturopathic Education and Research	29 Bayswater Ave. Ottawa ON	NW/282.0	-5.43	<u>292</u>
<u>120</u>	GEN	Ottawa Integrative Cancer Centre	29 Bayswater Ave. Ottawa ON K1Y 2E5	NW/282.0	-5.43	<u>293</u>
<u>120</u>	GEN	Institute of Naturopathic Education and Research	29 Bayswater Ave. Ottawa ON K1Y 2E5	NW/282.0	-5.43	<u>293</u>
<u>120</u>	GEN	Ottawa Integrative Cancer Centre	29 Bayswater Ave. Ottawa ON K1Y 2E5	NW/282.0	-5.43	<u>293</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>121</u>	GEN	AM-TECH ELECTRICAL SERVICES	1041 GLADSTONE RD. OTTAWA ON K1Y 3G3	SW/283.9	1.51	<u>294</u>
<u>122</u>	BORE		ON	N/285.5	-8.18	<u>294</u>
<u>123</u>	BORE		ON	ESE/287.5	-1.49	<u>294</u>
<u>124</u>	GEN	BROWNS CLEANERS & TAILORS LIMITED 06-081	6 CHAMPAGNE AVENUE NORTH OTTAWA ON K1R 7R7	SE/291.9	0.56	<u>295</u>
<u>124</u>	GEN	BROWNS CLEANERS & TAILORS LIMITED	6 CHAMAGNE AVENUE NORTH OTTAWA ON K1R 7R7	SE/291.9	0.56	<u>295</u>
<u>124</u>	GEN	BROWNS CLEANERS & TAILORS LIMITED	6 CHAMPAGNE AVENUE NORTH OTTAWA ON K1R 7R7	SE/291.9	0.56	<u>295</u>
<u>124</u>	GEN	BROWNS CLEANERS & TAILORS LIMITED	6 CHAMPAGNE AVE. N. OTTAWA ON K1R 7R7	SE/291.9	0.56	<u>296</u>
<u>125</u>	SPL	Enbridge Gas Distribution Inc.	211 Loretta Avenue South Ottawa ON	SE/293.5	1.60	<u>296</u>
<u>126</u>	BORE		ON	ESE/295.2	-1.49	<u>296</u>
<u>127</u>	GEN	zenith environmental solutions inc	9 spadina Ottawa ON K1Y2B8	WNW/297.7	-3.18	<u>297</u>
<u>128</u>	GEN	Great Canadian Theatre Company	910 Gladstone Ottawa ON K1R 6Y4	E/298.6	-2.49	<u>297</u>
<u>128</u>	GEN	GREAT CANADIAN THEATRE COMPANY, THE	910 GLADSTONE AVENUE OTTAWA ON K1R 6Y3	E/298.6	-2.49	<u>297</u>
<u>129</u>	GEN	KEITEL FURNITURE REPAIR LTD	184 Louisa Street Ottawa ON K1R 6Z1	E/298.8	-2.49	<u>298</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
129	GEN	KEITEL FURNITURE REPAIR LTD	184 LOUISA STREET OTTAWA ON K1R 6Z1	E/298.8	-2.49	298
129	GEN	KEITEL FURNITURE REPAIR LTD	184 Louisa Street Ottawa ON K1R 6Z1	E/298.8	-2.49	298
129	GEN	KEITEL FURNITURE REPAIR LTD	184 Louisa Street Ottawa ON K1R 6Z1	E/298.8	-2.49	299
130	EHS		74 Young St Ottawa ON K1Y4N1	SSE/299.3	2.71	299
131	GEN	ROBT TAPE LIMITED 33-483	989 SOMERSET ST. W. OTTAWA ON K1R 6R8	N/299.8	-8.49	299
131	GEN	ROBT TAPE LIMITED	989 SOMERSET ST. W. OTTAWA ON K1R 6R8	N/299.8	-8.49	299
131	GEN	ROBT TAPE LIMITED	989 SOMERSET STREET WEST OTTAWA ON K1R 6R8	N/299.8	-8.49	300
131	GEN	ROBT. TAPE LTD.	989 Somerset St. West Ottawa ON K1R 6R8	N/299.8	-8.49	300
131	SCT	ROBERT TAPE LIMITED	989 SOMERSET ST W OTTAWA ON K1R 6R8	N/299.8	-8.49	300
132	CA	City of Ottawa	930 Somerset St W Ottawa ON K1R 6R9	NNE/299.9	-4.49	300
132	ECA	City of Ottawa	930 Somerset St W Ottawa ON K1P 1J1	NNE/299.9	-4.49	301
132	GEN	Corporation City of Ottawa	930 Somerset Street West Ottawa ON	NNE/299.9	-4.49	301
132	GEN	Corporation City of Ottawa	930 Somerset Street West Ottawa ON K1R 6R9	NNE/299.9	-4.49	301

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>132</u>	GEN	Corporation City of Ottawa	930 Somerset Street West Ottawa ON K1R 6R9	NNE/299.9	-4.49	<u>302</u>
<u>132</u>	GEN	Corporation City of Ottawa	930 Somerset Street West Ottawa ON K1R 6R9	NNE/299.9	-4.49	<u>302</u>
<u>132</u>	GEN	Corporation City of Ottawa	930 Somerset Street West Ottawa ON K1R 6R9	NNE/299.9	-4.49	<u>302</u>
<u>132</u>	PINC		930 Somerset St W,Ottawa ON	NNE/299.9	-4.49	<u>303</u>
<u>132</u>	SPL		930 Somerset Street Ottawa ON	NNE/299.9	-4.49	<u>303</u>
<u>133</u>	GEN	Equity Realty Group Inc.	250, 270, 290 City Centre Avenue Ottawa ON K1R 6K7	N/299.9	-8.49	<u>304</u>
<u>133</u>	GEN	Equity Realty Group Inc.	250, 270, 290 City Centre Avenue Ottawa ON K1R 6K7	N/299.9	-8.49	<u>304</u>
<u>133</u>	GEN	Equity Realty Group Inc.	250, 270, 290 City Centre Avenue Ottawa ON K1R 6K7	N/299.9	-8.49	<u>304</u>
<u>133</u>	GEN	Equity Realty Group Inc.	250, 270, 290 City Centre Avenue Ottawa ON K1R 6K7	N/299.9	-8.49	<u>305</u>
<u>134</u>	SPL	PRIVATE RESIDENCE	26 SPADINA AVE (PROPERTY OWNER IS CLIFF ANDERSON) FURNACE OIL TANK OTTAWA CITY ON K1Y 2B6	WNW/299.9	-1.40	<u>305</u>
<u>135</u>	CA	Preston Hardware (1980) Limited	234-248 Preston Street Ottawa ON K1R 7R4	ENE/300.0	-2.40	<u>306</u>
<u>135</u>	PES	PRESTON HARDWARE (1980) LIMITED	234-248 PRESTON ST OTTAWA ON K1R 7R4	ENE/300.0	-2.40	<u>306</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>135</u>	PES	PRESTON HARDWARE (1980) LIMITED	234-248 PRESTON ST OTTAWA ON K1R 7R4	ENE/300.0	-2.40	<u>306</u>
<u>135</u>	PES	PRESTON HARDWARE (1980) LIMITED	234-248 PRESTON STREET OTTAWA ON K1R 7R4	ENE/300.0	-2.40	<u>306</u>
<u>136</u>	EHS		250 City Centre Avenue (formerly Champagne Avenue N) Ottawa ON	NNW/300.0	-7.37	<u>307</u>
<u>136</u>	GEN	VISION FORM	BAY 244-250 CITY CENTRE AVE OTTAWA ON K1R 6K7	NNW/300.0	-7.37	<u>307</u>
<u>136</u>	GEN	Public Services and Procurement Canada	250 City Centre Avenue Ottawa ON K1R 6K7	NNW/300.0	-7.37	<u>307</u>
<u>136</u>	GEN	FURNITURE AFFAIRS	250 CITY CENTRE.UNIT 222 OTTAWA ON K1R6K7	NNW/300.0	-7.37	<u>308</u>
<u>136</u>	GEN	FURNITURE AFFAIRS	250 CITY CENTRE.UNIT 222 OTTAWA ON K1R6K7	NNW/300.0	-7.37	<u>308</u>
<u>136</u>	GEN	Visionform Inc	BAY 244-250 City Centre Avenue Ottawa ON K1R 6K7	NNW/300.0	-7.37	<u>308</u>
<u>136</u>	GEN	City of Ottawa	250 City Centre Avenue Ottawa ON	NNW/300.0	-7.37	<u>309</u>
<u>136</u>	GEN	Equity Realty Group Inc.	250, 270, 290 City Centre Avenue Ottawa ON	NNW/300.0	-7.37	<u>309</u>
<u>136</u>	GEN	Equity Management International Limited	250 City Centre Avenue Ottawa ON	NNW/300.0	-7.37	<u>309</u>
<u>136</u>	GEN	FURNITURE AFFAIRS	250 CITY CENTRE.UNIT 222 OTTAWA ON K1R6K7	NNW/300.0	-7.37	<u>310</u>
<u>136</u>	GEN	PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	250 City Centre Av Ottawa ON K1R 6K7	NNW/300.0	-7.37	<u>310</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
136	GEN	FURNITURE AFFAIRS	250 CITY CENTRE.UNIT 222 OTTAWA ON	NNW/300.0	-7.37	310
136	GEN	Primrose Printing Inc	250 City Centre Avenue, BAY 142 Ottawa ON K1R 6K7	NNW/300.0	-7.37	311
136	GEN	VISION FORM	BAY 244-250 CITY CENTRE AVE OTTAWA ON K1R 6K7	NNW/300.0	-7.37	311
136	GEN	Public Services & Procurement Canada ESD/Trades	250 City Centre Av Ottawa ON K1R 6K7	NNW/300.0	-7.37	311
136	GEN	VISION FORM	BAY 244-250 CITY CENTRE AVE OTTAWA ON	NNW/300.0	-7.37	312
136	GEN	Cielo Print Inc.	250 City Centre Avenue, BAY 136 Ottawa ON	NNW/300.0	-7.37	312
136	GEN	MARQUARDT PRINTING LTD.	250 CITY CENTRE AVENUE, UNIT 236 OTTAWA ON K1R 6K7	NNW/300.0	-7.37	313
136	SCT	C.N. Embroidery Inc.	250 City Centre Ave Unit 100 Ottawa ON K1R 6K7	NNW/300.0	-7.37	313
136	SCT	Artext Electronic Publishing	250 City Centre Ave Suite 140 Ottawa ON K1R 6K7	NNW/300.0	-7.37	313
136	SCT	Cdn Parks & Wilderness Society	250 City Centre Ave Suite 506 Ottawa ON K1R 6K7	NNW/300.0	-7.37	313
136	SCT	Display Laminating	250 City Centre Ave Suite 128 Ottawa ON K1R 6K7	NNW/300.0	-7.37	314
136	SCT	Christie Lites Ltd. - Ottawa	250 City Centre Ave Suite 102-104 Ottawa ON K1R 6K7	NNW/300.0	-7.37	314
136	SCT	Quality Signs Ltd.	250 City Centre Ave Suite 128 Ottawa ON K1R 6K7	NNW/300.0	-7.37	314

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>136</u>	SCT	Ottawa Print Finishing	250 City Centre Ave Suite 226 Ottawa ON K1R 6K7	NNW/300.0	-7.37	<u>315</u>
<u>136</u>	SCT	Marquardt Printing Ltd.	250 City Centre Ave Bay 240 Ottawa ON K1R 6K7	NNW/300.0	-7.37	<u>315</u>
<u>136</u>	SCT	Cielo Print Inc.	250 City Centre Ave Unit 136 Ottawa ON K1R 6K7	NNW/300.0	-7.37	<u>315</u>
<u>136</u>	SPL	Cascades Recovery Inc.	250 City Centre Ave. Ottawa ON	NNW/300.0	-7.37	<u>316</u>

Executive Summary: Summary By Data Source

AUWR - Automobile Wrecking & Supplies

A search of the AUWR database, dated 1999-Jan 31, 2019 has found that there are 1 AUWR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
A & T AUTO PARTS	55 BREEZEHILL AVE N OTTAWA ON K1Y 2H6	168.1	<u>69</u>

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 36 BORE site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	0.0	<u>2</u>
	ON	0.0	<u>3</u>
	ON	0.0	<u>4</u>
	ON	17.5	<u>11</u>
	ON	49.8	<u>23</u>
	ON	52.2	<u>24</u>
	ON	63.1	<u>30</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	86.1	<u>38</u>
	ON	109.7	<u>48</u>
	ON	145.7	<u>62</u>
	ON	171.3	<u>70</u>
	ON	173.9	<u>72</u>
	ON	183.5	<u>73</u>
	ON	190.0	<u>74</u>
	ON	194.6	<u>77</u>
	ON	197.5	<u>78</u>
	ON	204.6	<u>79</u>
	ON	209.4	<u>81</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	215.0	<u>83</u>
	ON	216.7	<u>84</u>
	ON	222.9	<u>85</u>
	ON	224.2	<u>86</u>
	ON	229.0	<u>88</u>
	ON	235.4	<u>92</u>
	ON	236.2	<u>94</u>
	ON	240.1	<u>97</u>
	ON	241.0	<u>98</u>
	ON	244.0	<u>100</u>
	ON	249.4	<u>101</u>
	ON	256.0	<u>106</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	265.7	<u>111</u>
	ON	265.9	<u>112</u>
	ON	271.1	<u>115</u>
	ON	285.5	<u>122</u>
	ON	287.5	<u>123</u>
	ON	295.2	<u>126</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 18 CA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
B.A. BANKNOTE INC.	975 GLADSTONE AVE. OTTAWA CITY ON K1Y 4W5	0.0	<u>1</u>
BA Banknote Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
BA Banknote Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
BA International Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
BA International Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
BA International Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
907462 ONTARIO LIMITED	111-113 BREEZEHILL AVE.N., SWM OTTAWA CITY ON K1Y 2H6	39.8	<u>18</u>
Grandtech Auto Inc.	111 Breezehill Avenue North Ottawa ON K1Y 2H6	42.0	<u>20</u>
4461916 Canada Corp.	53 Young St Lot Part of Block D, Part 1, Ref. Plan 5R-8356 Registered Plan 73 Ottawa ON	227.4	<u>87</u>
4461916 Canada Corp.	53 Young St Ottawa ON	227.4	<u>87</u>
	Lot 7, Bk 123, Reg. Plan 34, 930-934 Gladstone Ave Ottawa ON K1R 6Y4	239.6	<u>96</u>
OTTAWA CITY	BAYSWATER AVE./YOUNG ST. OTTAWA CITY ON	267.5	<u>113</u>
R.M. OF OTTAWA-CARLETON	BAYSWATER AVE./YOUNG ST. OTTAWA CITY ON	267.5	<u>113</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
HARAMBEE CENTRES CANADA	29 BAYWATER AVE. (SWM) OTTAWA CITY ON	282.0	120
City of Ottawa	930 Somerset St W Ottawa ON K1R 6R9	299.9	132
Preston Hardware (1980) Limited	234-248 Preston Street Ottawa ON K1R 7R4	300.0	135

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Mar 31, 2019 has found that there are 3 EASR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANADIAN BANK NOTE COMPANY, LIMITED	975 GLADSTONE AVE OTTAWA ON K1Y 4W5	0.0	1
CANADIAN BANK NOTE COMPANY, LIMITED	975 GLADSTONE AVE OTTAWA ON K1Y 4W5	0.0	1
CITY OF OTTAWA	175 LORETTA AVE N OTTAWA ON K1Y 4L8	144.5	60

EBR - Environmental Registry

A search of the EBR database, dated 1994-Mar 31, 2019 has found that there are 7 EBR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
BA Banknote Inc.	975 Gladstone Avenue Ottawa Ontario Ottawa ON	0.0	1
BA Banknote Inc.	975 Gladstone Avenue Ottawa Ontario CITY OF OTTAWA ON	0.0	1

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
BA Banknote Inc.	975 Gladstone Avenue Ottawa Ontario Ottawa ON	0.0	<u>1</u>
BA Banknote Inc.	975 Gladstone Avenue Ottawa Ontario CITY OF OTTAWA ON	0.0	<u>1</u>
Canadian Bank Note Company, Limited	975 Gladstone Avenue Ottawa K1Y 4W5 CITY OF OTTAWA ON	0.0	<u>1</u>
BA Banknote Inc.	975 Gladstone Avenue Ottawa Ontario Ottawa ON	0.0	<u>1</u>
Grandtech Auto Inc.	111 Breezehill Avenue North Suite 3-4 Ottawa Ontario K1Y 2H6 Ottawa ON	42.0	<u>20</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Mar 31, 2019 has found that there are 17 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
BA Banknote Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
BA Banknote Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
Canadian Bank Note Company, Limited	975 Gladstone Ave Ottawa ON K1Y 4W5	0.0	<u>1</u>
BA International Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
BA Banknote Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
BA Banknote Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
BA International Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
BA International Inc.	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
Grandtech Auto Inc.	111 Breezehill Avenue North Ottawa ON K1Y 2H6	42.0	<u>20</u>
City of Ottawa	Champagne Avenue Ottawa ON K2G 6J8	55.8	<u>25</u>
City of Ottawa	From Gladstone Avenue to the South Dead- End at Highway 417 Ottawa ON K2G 6J8	55.8	<u>25</u>
City of Ottawa	175 Loretta Ave N Ottawa ON K1Y 4L8	144.5	<u>60</u>
City of Ottawa	175 Loretta Ave N Ottawa ON K1P 1J1	144.5	<u>60</u>
4461916 Canada Corp.	53 Young St Ottawa ON K2B 5B2	227.4	<u>87</u>
4461916 Canada Corp.	53 Young St Lot Part of Block D, Part 1, Ref. Plan 5R-8356 Registered Plan 73 Ottawa ON K2B 5B2	227.4	<u>87</u>
Ottawa Salus Corporation	Lot 7, Bk 123, Reg. Plan 34, 930-934 Gladstone Ave Ottawa ON K1Y 2X5	229.6	<u>89</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	930 Somerset St W Ottawa ON K1P 1J1	299.9	<u>132</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2019 has found that there are 28 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	975 Gladstone Avenue n/a ON K1Y 4W5	0.0	<u>1</u>
	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
	975 Gladstone Avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
	131 Loretta Avenue Ottawa ON	37.5	<u>17</u>
	145 Loretta Avenue North Ottawa ON	48.6	<u>22</u>
	951 Gladstone Avenue & 145 Loretta Avenue North Ottawa ON	56.9	<u>26</u>
	941-971 Gladstone Avenue Ottawa ON K1Y 3E5	75.1	<u>34</u>
	73 Breezehill Ave North Ottawa Ontario Ottawa ON K1Y 2H6	134.1	<u>56</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	73 Breezehill Avenue North Ottawa ON K1Y 2H6	134.1	<u>56</u>
	86 Bayswater Ave Ottawa ON K1Y 2E9	144.7	<u>61</u>
	57 Bayswater Ave Ottawa ON K1Y 2E8	148.5	<u>63</u>
	57 Bayswater Ave Ottawa ON K1Y2E8	149.6	<u>64</u>
	933 Gladstone Ave Ottawa ON K1A0T4	160.5	<u>66</u>
	933 Gladstone Ave Ottawa ON K1A0T4	163.7	<u>68</u>
	1040 Somerset St. W Ottawa ON	208.1	<u>80</u>
	86-88 Spadina Avenue Ottawa ON K1Y 2C1	236.1	<u>93</u>
	86-88 Spadina Ave Ottawa ON K1Y 2C1	236.1	<u>93</u>
	86 Spadina Avenue Ottawa ON K1Y 2C1	236.1	<u>93</u>
	53 Young Street Ottawa ON K1S 5T5	241.7	<u>99</u>
	21 Spadina Ave Ottawa ON K1Y2B8	251.1	<u>103</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	62 Spadina Ave Ottawa ON K1Y 2B6	253.8	<u>104</u>
	189-191 Louisa St Ottawa ON	259.3	<u>107</u>
	Young Street & Loretta Avenue Ottawa ON	262.7	<u>108</u>
	1010 Somerset Street West Ottawa ON	270.5	<u>114</u>
	1010 Somerset St W Ottawa ON	270.5	<u>114</u>
	916 Gladstone Avenue Ottawa ON K1R 6Y4	276.1	<u>118</u>
	74 Young St Ottawa ON K1Y4N1	299.3	<u>130</u>
	250 City Centre Avenue (formerly Champagne Avenue N) Ottawa ON	300.0	<u>136</u>

EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 7 EXP site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MR GAS LIMITED **	971 GLADSTONE AV OTTAWA ON K1Y 3E5	44.8	<u>21</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MR GAS LIMITED **	971 GLADSTONE AV OTTAWA ON K1Y 3E5	44.8	<u>21</u>
MR GAS LIMITED **	971 GLADSTONE AV OTTAWA ON	44.8	<u>21</u>
MR GAS LIMITED **	971 GLADSTONE AV OTTAWA ON	44.8	<u>21</u>
MR GAS LIMITED **	971 GLADSTONE AV OTTAWA ON K1Y 3E5	44.8	<u>21</u>
MR GAS LIMITED **	971 GLADSTONE AV OTTAWA ON K1Y 3E5	44.8	<u>21</u>
MR GAS LIMITED **	971 GLADSTONE AV OTTAWA ON K1Y 3E5	44.8	<u>21</u>

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 2 FST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	175 LORETTA AVE N OTTAWA ON K1Y 4L8	144.5	<u>60</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	175 LORETTA AVE N OTTAWA ON K1Y 4L8	144.5	<u>60</u>

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	175 LORETTA AV N OTTAWA ON K1Y 4L8	144.5	<u>60</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	175 LORETTA AV N OTTAWA ON K1Y 4L8	144.5	<u>60</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Dec 31, 2018 has found that there are 159 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
BA INTERNATIONAL INC.	975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	0.0	<u>1</u>
BA INTERNATIONAL INC.	975 GLADSTONE AVENUE OTTAWA ON	0.0	<u>1</u>
BA INTERNATIONAL INC.	975 GLADSTONE AVENUE OTTAWA ON K1N 8V4	0.0	<u>1</u>
Canadian Bank Note Company, limited	975 Gladstone avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
BA INTERNATIONAL INC.	975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	0.0	<u>1</u>
BA INTERNATIONAL INC.	975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	0.0	<u>1</u>
BA INTERNATIONAL INC.	975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	0.0	<u>1</u>
BA BANKNOTE 05-931	OTTAWA DIV., DIV OF QUEBECOR PUBLITECH INC./975 GLADSTONE AVENUE	0.0	<u>1</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	OTTAWA ON K1Y 4W5		
Canadian Bank Note Company, limited	975 Gladstone avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
BA BANKNOTE INC.	975 GLADSTONE AVENUE OTTAWA ON K1N 8V4	0.0	<u>1</u>
Canadian Bank Note Company, limited	975 Gladstone avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
Pinchin Environmental	975 Gladstone Ottawa ON K1Y 4W5	0.0	<u>1</u>
BRITISH AMERICAN BANK NOTE INC.	975 GLADSTONE AVENUE C/O P.O. BOX 399, STATION A OTTAWA ON K1Y 4W5	0.0	<u>1</u>
Canadian Bank Note Company, limited Gladstone	975 Gladstone avenue Ottawa ON K1Y 4W5	0.0	<u>1</u>
BA BANKNOTE	975 GLADSTONE AVENUE OTTAWA ON K1N 8V4	0.0	<u>1</u>
BA BANKNOTE	OTTAWA DIV., DIV OF QUEBECOR PUBLITECH INC. OTTAWA ON K1N 8V4	0.0	<u>1</u>
BA BANKNOTE	OTTAWA DIV., DIV OF QUEBECOR PUBLITECH INC./975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	0.0	<u>1</u>
TerraPro Corporation	145 Loretta Ave. North Ottawa ON	48.6	<u>22</u>
TerraPro Corporation	145 Loretta Ave. North Ottawa ON K1Y 2J7	48.6	<u>22</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TerraPro Corporation	145 Loretta Ave. North Ottawa ON K1Y 2J7	48.6	<u>22</u>
TerraPro Corporation	145 Loretta Ave. North Ottawa ON	48.6	<u>22</u>
TerraPro Corporation	145 Loretta Ave. North Ottawa ON K1Y 2J7	48.6	<u>22</u>
TerraPro Corporation	145 Loretta Ave. North Ottawa ON	48.6	<u>22</u>
DST Group Inc	145 Loretta Ave Ottawa ON K1Y 4W5	48.6	<u>22</u>
TerraPro Corporation	145 Loretta Ave. North Ottawa ON	48.6	<u>22</u>
DST Group Inc	951 Gladstone Ave Ottawa ON K1Y 3E5	60.6	<u>27</u>
LOVE PRINTING SERVICE LTD.	951 GLADSTONE AVENUE OTTAWA ON K1Y 3E5	60.6	<u>27</u>
LOVE PRINTING (OUT OF BUS) 24- 265	951 GLADSTONE AVENUE OTTAWA ON K1Y 3E5	60.6	<u>27</u>
DAVID BERMAN TYPOGRAPHICS LIMITED	950 GLADSTONE AVENUE 3RD FLOOR OTTAWA ON K1Y 3E6	61.4	<u>28</u>
DAVID BERMAN TYPOGRAPHICS LTD.	950 GLADSTONE AVE., 3RD FLOOR OTTAWA ON K1Y 3E6	61.4	<u>28</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
G P CYCLE 17-460	1004 GLADSTONE AVE. OTTAWA ON K1Y 3E9	62.9	<u>29</u>
G P CYCLE	1004 GLADSTONE AVE. OTTAWA ON K1Y 3E9	62.9	<u>29</u>
G P CYCLE	1004 GLADSTONE AVENUE OTTAWA ON K1Y 3E9	62.9	<u>29</u>
LEBRUN BUILDING SERVICES	75 G Breezehill North Ottawa ON K1Y 2H7	71.1	<u>31</u>
CARQUEST CANADA LTD.	AUTO PAINT SUPPLY 35A LAUREL STREET OTTAWA ON K1Y 4M4	71.1	<u>31</u>
MCKERLIE-MILLEN INC.	35A LAUREL STREET OTTAWA ON K1Y 4M4	71.1	<u>31</u>
CARQUEST CANADA LTD.	35A LAUREL STREET OTTAWA ON K1Y 4M4	71.1	<u>31</u>
MCKERLIE MILLEN (SEE & USE ON2231907)	35A LAUREL STREET OTTAWA ON K1Y 4M4	71.1	<u>31</u>
Public Services & Procurement Canada ESD/AFD	1010 Somerset ST W OTTAWA ON K1R 6R9	87.4	<u>39</u>
DSS CAPITAL REGION SUPPLY CENTRE	933 GLADSTONE AVENUE OTTAWA ON K1A 0T4	137.3	<u>59</u>
GVT. OF CAN.- PUBLIC WORKS CANADA 18-375	CHP PLOUFFE PARK 933 GLADSTONE AVE. C/O PLACE DU PORTAGE PHASE IV LEVEL II HULL OTTAWA ON K1A 0T4	137.3	<u>59</u>
GVT. OF CAN.- PUBLIC WORKS CANADA	CHP PLOUFFE PARK 933 GLADSTONE AVE. C/O PLACE DU PORTAGE PHASE IV LEVEL II	137.3	<u>59</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	OTTAWA ON K1A 0T4		
PUBLIC WORKS AND GOVT SERVICES CANADA	CAPITAL REGION SUPPLY CENTRE (CRSC) 933 GLADSTONE AVENUE OTTAWA ON K1A 0T4	137.3	<u>59</u>
DSS CAPITAL REGION SUPPLY CENTRE 13-297	933 GLADSTONE AVENUE OTTAWA ON K1A 0T4	137.3	<u>59</u>
GVT. OF CAN.- PUBLIC WORKS CANADA 18-375	CHP PLOUFFE PARK 933 GLADSTONE AVE. C/O PLACE DU PORTAGE PHASE IV LEVEL II OTTAWA ON K1A 0T4	137.3	<u>59</u>
Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y-4L8	144.5	<u>60</u>
OTTAWA-CARLETON, REGIONAL MUN. OF	SIGNALS AND COMMUNICATIONS 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	144.5	<u>60</u>
Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y 4L8	144.5	<u>60</u>
City of Ottawa	175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	144.5	<u>60</u>
City of Ottawa	175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	144.5	<u>60</u>
City of Ottawa Public Works Department	175 Loretta Ave N. Ottawa ON K1Y 4L8	144.5	<u>60</u>
City of Ottawa	175 Loretta Ave N. Ottawa ON K1Y 4L8	144.5	<u>60</u>
Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y-4L8	144.5	<u>60</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	144.5	<u>60</u>
Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y-4L8	144.5	<u>60</u>
Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y 4L8	144.5	<u>60</u>
City of Ottawa	175 Loretta Ave N. Ottawa ON K1Y 4L8	144.5	<u>60</u>
Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y 4L8	144.5	<u>60</u>
Corporation City of Ottawa	175 Loretta Ave N Ottawa ON	144.5	<u>60</u>
City of Ottawa	175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	144.5	<u>60</u>
Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y 4L8	144.5	<u>60</u>
OTTAWA-CARLTON, REGIONAL MUN OF	REGIONAL ROAD #13 AT MANOTICK 175 LORETTA AVE N OTTAWA ON K1Y 4L8	144.5	<u>60</u>
City of Ottawa	175 Loretta Ave N. Ottawa ON K1Y 4L8	144.5	<u>60</u>
Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y 4L8	144.5	<u>60</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	175 LORETTA AVENUE NORTH OTTAWA ON	144.5	<u>60</u>
OTTAWA-CARLTON, REGIONAL MUN. OF	SIGNALS AND COMMUNICATIONS 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	144.5	<u>60</u>
OTTAWA-CARLTON, REGIONAL MUN OF	REGIONAL ROAD #28 (NAVAN ROAD) 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	144.5	<u>60</u>
Corporation City of Ottawa	175 Loretta Ave N Ottawa ON K1Y-4L8	144.5	<u>60</u>
City of Ottawa	175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	144.5	<u>60</u>
City of Ottawa	175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	144.5	<u>60</u>
Hydro OTTAWA LIMITED	59 LAUREL AVE OTTAWA ON K2C3G2	161.3	<u>67</u>
Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON	171.5	<u>71</u>
Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON	171.5	<u>71</u>
Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON	171.5	<u>71</u>
OTTAWA BOARD OF EDUCATION	100 BREEZEHILL AVENUE OTTAWA ON K1Y 2H5	171.5	<u>71</u>
Ottawa-Carleton District School Board Health & Safety	100 Breezehille Ave. Ottawa ON K1Y 2H5	171.5	<u>71</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ottawa-Carleton District School Board	Devonshire PS 100 Breezehill Avenue Ottawa ON	171.5	<u>71</u>
Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON	171.5	<u>71</u>
Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON K1Y 2H5	171.5	<u>71</u>
Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON K1Y 2H5	171.5	<u>71</u>
Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON K1Y 2H5	171.5	<u>71</u>
SEACOR Environmental Inc.	100 Breezehill Ave Ottawa ON	171.5	<u>71</u>
Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON K1Y 2H5	171.5	<u>71</u>
SLR Consulting (Canada) Ltd.	100 Breezehill Ave Ottawa ON	171.5	<u>71</u>
SLR Consulting (Canada) Ltd.	100 Breezehill Ave Ottawa ON K1Y 2H5	171.5	<u>71</u>
Ottawa-Carleton District School Board	Devonshire Community PS 100 Breezehill Avenue Ottawa ON K1Y 2H5	171.5	<u>71</u>
Ottawa-Carleton District School Board	100 Breezehille Ave. Ottawa ON K1Y 2H5	171.5	<u>71</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
AERO MECHTRONICS LIMITED	1040 SOMERSET STREET WEST OTTAWA ON K1Y 4L3	208.1	<u>80</u>
AERO MECHTRONICS LIMITED	1040 SOMERSET STREET WEST OTTAWA ON K1Y 4L3	208.1	<u>80</u>
AERO MECHTRONICS LIMITED 01-084	1040 SOMERSET STREET WEST OTTAWA ON K1Y 4L3	208.1	<u>80</u>
ACKLANDS LIMITED	1050 SOMERSET ST. WEST OTTAWA ON K1Y 3C5	214.7	<u>82</u>
ACKLANDS LIMITED	1050 SOMERSET STREET WEST OTTAWA ON K1Y 3C5	214.7	<u>82</u>
ACKLANDS LIMITED 02-414	1050 SOMERSET ST. WEST OTTAWA ON K1Y 3C5	214.7	<u>82</u>
GVT. OF CAN.-PUBLIC WORKS CANADA	MAINTENANCE SUPPORT SERV. PLOUFFE PARK 1010 SOMERSET ST.W.C/O140 PROMENADE DU PORTAGE-OTTAWA ON K1A 0M3	270.5	<u>114</u>
GVT. OF CAN.-PUBLIC WORKS CANADA 18-285	MAINTENANCE SUPPORT SERVICES PLOUFFE PARK, 1010 SOMERSET STREET W. OTTAWA ON	270.5	<u>114</u>
SNC Lavalin O&M	1010 Somerset St. W Ottawa ON K1A 0K9	270.5	<u>114</u>
Public Works and Government Services Canada	1010 Somerset Street Plouffe Park Shop Ottawa ON	270.5	<u>114</u>
public works government services canada	1010 SOMERSET STREET WEST OTTAWA ON	270.5	<u>114</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Public Works and Government Services Canada	1010 Somerset Street Plouffe Park Shop Ottawa ON	270.5	<u>114</u>
Public Works and Government Services Canada	1010 Somerset Street Plouffe Park Shop Ottawa ON	270.5	<u>114</u>
Public Works and Government Services Canada	1010 Somerset Street Plouffe Park Shop Ottawa ON	270.5	<u>114</u>
BROOKFIELD LEPAGE JOHNSON CONTROLS	1010 SOMERSET STREET PLOUFFE PARK OTTAWA ON	270.5	<u>114</u>
public works government services canada	1010 SOMERSET STREET WEST OTTAWA ON K1R 6R9	270.5	<u>114</u>
public works government services canada	1010 SOMERSET STREET WEST OTTAWA ON K1R 6R9	270.5	<u>114</u>
PUBLIC WORKS CANADA	MAINTENANCE SUPPORT SERVICES PLOUFFE PARK- 1010 SOMERSET STREET WEST OTTAWA ON	270.5	<u>114</u>
public works government services canada	1010 SOMERSET STREET WEST OTTAWA ON K1R 6R9	270.5	<u>114</u>
PUBLIC WORK & GOV'T SER CANADA	1010 SOMERSET st OTTAWA ON	270.5	<u>114</u>
Public Works and Government Services Canada	1010 Somerset Street Plouffe Park Shop Ottawa ON	270.5	<u>114</u>
public works government services canada	1010 SOMERSET STREET WEST OTTAWA ON	270.5	<u>114</u>
Public Works and Government Services Canada	1010 Somerset Street Plouffe Park Shop Ottawa ON	270.5	<u>114</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Institute of Naturopathic Education and Research	29 Bayswater Ave. Ottawa ON K1Y 2E5	282.0	<u>120</u>
Institute of Naturopathic Education and Research	29 Bayswater Ave. Ottawa ON K1Y 2E5	282.0	<u>120</u>
Institute of Naturopathic Education and Research	29 Bayswater Ave. Ottawa ON K1Y 2E5	282.0	<u>120</u>
Institute of Naturopathic Education and Research	29 Bayswater Ave. Ottawa ON	282.0	<u>120</u>
Ottawa Integrative Cancer Centre	29 Bayswater Ave. Ottawa ON K1Y 2E5	282.0	<u>120</u>
Institute of Naturopathic Education and Research	29 Bayswater Ave. Ottawa ON K1Y 2E5	282.0	<u>120</u>
Ottawa Integrative Cancer Centre	29 Bayswater Ave. Ottawa ON K1Y 2E5	282.0	<u>120</u>
AM-TECH ELECTRICAL SERVICES	1041 GLADSTONE RD. OTTAWA ON K1Y 3G3	283.9	<u>121</u>
BROWNS CLEANERS & TAILORS LIMITED 06-081	6 CHAMPAGNE AVENUE NORTH OTTAWA ON K1R 7R7	291.9	<u>124</u>
BROWNS CLEANERS & TAILORS LIMITED	6 CHAMAGNE AVENUE NORTH OTTAWA ON K1R 7R7	291.9	<u>124</u>
BROWNS CLEANERS & TAILORS LIMITED	6 CHAMPAGNE AVENUE NORTH OTTAWA ON K1R 7R7	291.9	<u>124</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
BROWNS CLEANERS & TAILORS LIMITED	6 CHAMPAGNE AVE. N. OTTAWA ON K1R 7R7	291.9	<u>124</u>
zenith environmental solutions inc	9 spadina Ottawa ON K1Y2B8	297.7	<u>127</u>
Great Canadian Theatre Company	910 Gladstone Ottawa ON K1R 6Y4	298.6	<u>128</u>
GREAT CANADIAN THEATRE COMPANY, THE	910 GLADSTONE AVENUE OTTAWA ON K1R 6Y3	298.6	<u>128</u>
KEITEL FURNITURE REPAIR LTD	184 Louisa Street Ottawa ON K1R 6Z1	298.8	<u>129</u>
KEITEL FURNITURE REPAIR LTD	184 Louisa Street Ottawa ON K1R 6Z1	298.8	<u>129</u>
KEITEL FURNITURE REPAIR LTD	184 LOUISA STREET OTTAWA ON K1R 6Z1	298.8	<u>129</u>
KEITEL FURNITURE REPAIR LTD	184 Louisa Street Ottawa ON K1R 6Z1	298.8	<u>129</u>
ROBT TAPE LIMITED 33-483	989 SOMERSET ST. W. OTTAWA ON K1R 6R8	299.8	<u>131</u>
ROBT TAPE LIMITED	989 SOMERSET ST. W. OTTAWA ON K1R 6R8	299.8	<u>131</u>
ROBT TAPE LIMITED	989 SOMERSET STREET WEST OTTAWA ON K1R 6R8	299.8	<u>131</u>
ROBT. TAPE LTD.	989 Somerset St. West Ottawa ON K1R 6R8	299.8	<u>131</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Corporation City of Ottawa	930 Somerset Street West Ottawa ON	299.9	<u>132</u>
Corporation City of Ottawa	930 Somerset Street West Ottawa ON K1R 6R9	299.9	<u>132</u>
Corporation City of Ottawa	930 Somerset Street West Ottawa ON K1R 6R9	299.9	<u>132</u>
Corporation City of Ottawa	930 Somerset Street West Ottawa ON K1R 6R9	299.9	<u>132</u>
Corporation City of Ottawa	930 Somerset Street West Ottawa ON K1R 6R9	299.9	<u>132</u>
Equity Realty Group Inc.	250, 270, 290 City Centre Avenue Ottawa ON K1R 6K7	299.9	<u>133</u>
Equity Realty Group Inc.	250, 270, 290 City Centre Avenue Ottawa ON K1R 6K7	299.9	<u>133</u>
Equity Realty Group Inc.	250, 270, 290 City Centre Avenue Ottawa ON K1R 6K7	299.9	<u>133</u>
Equity Realty Group Inc.	250, 270, 290 City Centre Avenue Ottawa ON K1R 6K7	299.9	<u>133</u>
VISION FORM	BAY 244-250 CITY CENTRE AVE OTTAWA ON K1R 6K7	300.0	<u>136</u>
Public Services and Procurement Canada	250 City Centre Avenue Ottawa ON K1R 6K7	300.0	<u>136</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
FURNITURE AFFAIRS	250 CITY CENTRE.UNIT 222 OTTAWA ON K1R6K7	300.0	<u>136</u>
FURNITURE AFFAIRS	250 CITY CENTRE.UNIT 222 OTTAWA ON K1R6K7	300.0	<u>136</u>
Visionform Inc	BAY 244-250 City Centre Avenue Ottawa ON K1R 6K7	300.0	<u>136</u>
City of Ottawa	250 City Centre Avenue Ottawa ON	300.0	<u>136</u>
Equity Realty Group Inc.	250, 270, 290 City Centre Avenue Ottawa ON	300.0	<u>136</u>
Equity Management International Limited	250 City Centre Avenue Ottawa ON	300.0	<u>136</u>
FURNITURE AFFAIRS	250 CITY CENTRE.UNIT 222 OTTAWA ON K1R6K7	300.0	<u>136</u>
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	250 City Centre Av Ottawa ON K1R 6K7	300.0	<u>136</u>
FURNITURE AFFAIRS	250 CITY CENTRE.UNIT 222 OTTAWA ON	300.0	<u>136</u>
Primrose Printing Inc	250 City Centre Avenue, BAY 142 Ottawa ON K1R 6K7	300.0	<u>136</u>
VISION FORM	BAY 244-250 CITY CENTRE AVE OTTAWA ON K1R 6K7	300.0	<u>136</u>
Public Services & Procurement Canada ESD/Trades	250 City Centre Av Ottawa ON K1R 6K7	300.0	<u>136</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
VISION FORM	BAY 244-250 CITY CENTRE AVE OTTAWA ON	300.0	136
Cielo Print Inc.	250 City Centre Avenue, BAY 136 Ottawa ON	300.0	136
MARQUARDT PRINTING LTD.	250 CITY CENTRE AVENUE, UNIT 236 OTTAWA ON K1R 6K7	300.0	136

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 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	150 BREEZEHILL AVENUE NORTH OTTAWA ON K1Y 2H8	36.7	16
	995 GLADSTONE AVENUE OTTAWA ON K1Y 3E8	80.1	36

INC - TSSA Incidents

A search of the INC database, dated Feb 28, 2017 has found that there are 1 INC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	49 Bayswater Avenue, Ottawa ON K1Y 2E7	191.9	75

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-May 2017 has found that there are 25 NPRI site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
BA INTERNATIONAL INC.	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	0.0	<u>1</u>
BA INTERNATIONAL INC.	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	0.0	<u>1</u>
BA INTERNATIONAL	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	0.0	<u>1</u>
BA INTERNATIONAL	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	0.0	<u>1</u>
BA INTERNATIONAL	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	0.0	<u>1</u>
BA INTERNATIONAL	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	0.0	<u>1</u>
BA INTERNATIONAL	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	0.0	<u>1</u>
BA BANKNOTE INC.	975 GLADSTONE AVE. NOT AVAILABLE OTTAWA ON K1Y 4W5	0.0	<u>1</u>
BA INTERNATIONAL	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	0.0	<u>1</u>
BA BANKNOTE INC.	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	0.0	<u>1</u>
BA INTERNATIONAL	975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	0.0	<u>1</u>
CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	136.3	<u>58</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>
CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>
CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>
CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>
CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>
CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>
CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>
CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>
CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>
CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>
CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CITY OF OTTAWA	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y 4L8	144.5	<u>60</u>
TRAFFIC OPERATIONS BRANCH R.M.O.C	175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	144.5	<u>60</u>

PES - Pesticide Register

A search of the PES database, dated 1988-Sep 2018 has found that there are 8 PES site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TERRA PRO CORPORATION	145 LORETTA AVE N OTTAWA ON K1Y2J7	48.6	<u>22</u>
TERRAPRO CORPORATION	145 LORETTA AVENUE NORTH OTTAWA ON K1Y 2J7	48.6	<u>22</u>
TERRA PRO CORPORATION	145 LORETTA AVE N OTTAWA ON K1Y 2J7	48.6	<u>22</u>
TERRAPRO CORPORATION	145 LORETTA AVENUE NORTH OTTAWA ON K1Y2J7	48.6	<u>22</u>
TERRA PRO CORPORATION	145 LORETTA AVE N OTTAWA ON K1Y2J7	48.6	<u>22</u>
PRESTON HARDWARE (1980) LIMITED	234-248 PRESTON ST OTTAWA ON K1R 7R4	300.0	<u>135</u>
PRESTON HARDWARE (1980) LIMITED	234-248 PRESTON ST OTTAWA ON K1R 7R4	300.0	<u>135</u>
PRESTON HARDWARE (1980) LIMITED	234-248 PRESTON STREET OTTAWA ON K1R 7R4	300.0	<u>135</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>

PINC - TSSA Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 5 PINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	166 LORETTA AVENUE, OTTAWA ON	90.6	<u>42</u>
	114 BAYSWATER AVE, OTTAWA ON	150.5	<u>65</u>
	93 Spadina Avenue, Ottawa ON	192.9	<u>76</u>
	1010 SOMERSET ST, OTTAWA ON	270.5	<u>114</u>
	930 Somerset St W, Ottawa ON	299.9	<u>132</u>

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 2 PRT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MR GAS LIMITED ATTN LILIANNE LEVAC	971 GLADSTONE AV OTTAWA ON K1Y 3E5	18.9	<u>12</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : DO	175 LORETTA AV N OTTAWA ON K1Y 4L8	144.5	<u>60</u>

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Mar 2019 has found that there are 1 RSC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
4461916 Canada Corp	53 YOUNG ST, OTTAWA, ON, K1Y 3P5 ON K1S 5T5	227.4	<u>87</u>

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 41 SCT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
B.A. Banknote Inc.	975 Gladstone Ave Ottawa ON K1Y 4W5	0.0	<u>1</u>
BA International Inc.	975 Gladstone Ave Ottawa ON K1Y 4W5	0.0	<u>1</u>
B.A. Banknote	975 Gladstone Ave Ottawa ON K1Y 4W5	0.0	<u>1</u>
B A BANKNOTE	975 GLADSTONE AVE OTTAWA ON K1Y 4W5	0.0	<u>1</u>
BA International Inc.	975 Gladstone Ave Ottawa ON K1Y 4W5	0.0	<u>1</u>
Buchanan Lighting Ltd.	129 Loretta Ave N Ottawa ON K1Y 2J7	28.1	<u>14</u>
Beacon Lite Ltd.	131 Loretta Ave N Ottawa ON K1Y 2J7	35.3	<u>15</u>
Sportive Sportswear Manufacturers Inc.	155A Loretta Ave N Ottawa ON K1Y 2J7	44.8	<u>21</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SPORTIVE SPORTSWEAR MFG INC.	155A LORETTA AVE N OTTAWA ON K1Y 2J7	44.8	<u>21</u>
TRADER MEDIA CORP.	950 GLADSTONE AVE OTTAWA ON K1Y 3E6	61.4	<u>28</u>
DAVID BERMAN TYPOGRAPHICS LTD.	950 GLADSTONE AVE OTTAWA ON K1Y 3E6	61.4	<u>28</u>
merge design, print & promo	35B Laurel St Ottawa ON K1Y 4M4	71.1	<u>31</u>
Wake Cup Coffee Roasters	35 Laurel St Ottawa ON K1Y 4M4	71.1	<u>31</u>
Signs in 23 hours.com	35B Laurel St Ottawa ON K1Y 4M4	71.1	<u>31</u>
Breezehill Heating Ltd.	75 Breezehill Ave N Unit D Ottawa ON K1Y 2H6	71.1	<u>31</u>
Paper Sign Man	35B Laurel St Ottawa ON K1Y 4M4	71.1	<u>31</u>
VESUVIO IRON LOGIC CUSTOM	949 GLADSTONE AVE OTTAWA ON K1Y 3E5	85.9	<u>37</u>
VESUVIO IRON WORKS	949 GLADSTONE AVE OTTAWA ON K1Y 3E5	85.9	<u>37</u>
The Original Maple Bat Company	93 Bayswater Ave Ottawa ON K1Y 2G2	89.8	<u>40</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Original Maple Bat Company	93 Bayswater Ave Unit A Ottawa ON K1Y 2G2	89.8	<u>40</u>
SPORTIVE SPORTSWEAR MFG INC.	155 A LORETTA AVE N OTTAWA ON K1Y 2J7	106.0	<u>45</u>
ARC Industries	73 Breezehill Ave N Ottawa ON K1Y 2H6	134.1	<u>56</u>
A R C INDUSTRIES	73 BREEZEHILL AVE N OTTAWA ON K1Y 2H6	134.1	<u>56</u>
Arc Industries - Div. of OCAPDD	73 Breezehill Ave N Ottawa ON K1Y 2H6	134.1	<u>56</u>
ESPRIT DE CORPS	1066 SOMERSET ST W SUITE 204 OTTAWA ON K1Y 4T3	229.9	<u>90</u>
Grafik Visuals	A-1066 Somerset St W Ottawa ON K1Y 4T3	229.9	<u>90</u>
Esprit de Corps Inc.	1066 Somerset St W Unit 204 Ottawa ON K1Y 4T3	229.9	<u>90</u>
V Steel Works Ltd.	17 Larch St Ottawa ON K1R 6W4	235.3	<u>91</u>
L'Ora di Ottawa (1987) Ltd.	203 Louisa St Ottawa ON K1R 6Y9	237.6	<u>95</u>
L'ORA DI OTTAWA	203 LOUISA ST OTTAWA ON K1R 6Y9	237.6	<u>95</u>
Lixar IT Inc.	47A Young St Ottawa ON K1S 3H6	264.7	<u>110</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ROBERT TAPE LIMITED	989 SOMERSET ST W OTTAWA ON K1R 6R8	299.8	<u>131</u>
Cielo Print Inc.	250 City Centre Ave Unit 136 Ottawa ON K1R 6K7	300.0	<u>136</u>
Marquardt Printing Ltd.	250 City Centre Ave Bay 240 Ottawa ON K1R 6K7	300.0	<u>136</u>
Ottawa Print Finishing	250 City Centre Ave Suite 226 Ottawa ON K1R 6K7	300.0	<u>136</u>
Quality Signs Ltd.	250 City Centre Ave Suite 128 Ottawa ON K1R 6K7	300.0	<u>136</u>
Christie Lites Ltd. - Ottawa	250 City Centre Ave Suite 102-104 Ottawa ON K1R 6K7	300.0	<u>136</u>
Display Laminating	250 City Centre Ave Suite 128 Ottawa ON K1R 6K7	300.0	<u>136</u>
Cdn Parks & Wilderness Society	250 City Centre Ave Suite 506 Ottawa ON K1R 6K7	300.0	<u>136</u>
Artext Electronic Publishing	250 City Centre Ave Suite 140 Ottawa ON K1R 6K7	300.0	<u>136</u>
C.N. Embroidery Inc.	250 City Centre Ave Unit 100 Ottawa ON K1R 6K7	300.0	<u>136</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Feb 2019 has found that there are 23 SPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Drain-All Ltd.	975 Gladstone Ave Ottawa ON K1Y 4W5	0.0	<u>1</u>
BA International Inc.	975 Gladstone Ave Ottawa ON K1Y 4W5	0.0	<u>1</u>
BA International Inc.	975 Gladstone Ave Ottawa ON K1Y 4W5	0.0	<u>1</u>
349977 Ontario Ltd.	975 Gladstone Ave Ottawa ON K1Y 4W5	0.0	<u>1</u>
City of Ottawa	Breezehill Ave N between Laurel and Gladstone Ottawa ON	12.5	<u>10</u>
OTTAWA HYDRO	99 BREEZE HILL AVENUE TRANSFORMER OTTAWA CITY ON	74.9	<u>33</u>
Enbridge Gas Distribution Inc.	166 Loretta Ave Ottawa ON	90.6	<u>42</u>
PRIVATE RESIDENCE	189 BREEZEHILL N., FURNACE OIL TANK FURNACE OIL TANK OTTAWA CITY ON	93.8	<u>43</u>
PRIVATE RESIDENCE	69 BAYSWATER AVE. FURNACE OIL TANK OTTAWA CITY ON K1Y 2E7	127.6	<u>54</u>
UNKNOWN	933 GLADSTONE OTTAWA CITY ON K1A 0T4	137.3	<u>59</u>
KENT FUELS	175 LORETTA AVE. RMOC GARAGE TANK TRUCK (CARGO) OTTAWA CITY ON	144.5	<u>60</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Broadband Maintenance Inc. <UNOFFICIAL>	49 Bayswater Ave Ottawa ON K1Y 2E7	191.9	<u>75</u>
Enbridge Gas Distribution Inc.	93 Spadina Ave. Ottawa ON K1Y 2B9	192.9	<u>76</u>
FRANCIS FUELS	108 SPADINA AVENUE TANK TRUCK (CARGO) OTTAWA CITY ON K1Y 2C1	250.9	<u>102</u>
OLRT Constructors	1035 somerset street Ottawa ON	254.9	<u>105</u>
	Hwy 417, 200m East of Parkdale - 45.402599, -75.712738 Ottawa ON	264.2	<u>109</u>
SHELL CANADA PRODUCTS LTD.	DEPT OF PUBLIC WORKS 1010 SUMMERSET TANK TRUCK (CARGO) OTTAWA CITY ON	270.5	<u>114</u>
OC TRANSP0	STORM SEWER AT SUMMERSET AND BAYWATER, FROM OC TRANSIT BUS. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	273.8	<u>116</u>
FORM ALL CONSTRUCTION	SOMERSET & BAYSWATER OTTAWA CITY ON	275.3	<u>117</u>
Enbridge Gas Distribution Inc.	211 Loretta Avenue South Ottawa ON	293.5	<u>125</u>
	930 Somerset Street Ottawa ON	299.9	<u>132</u>
PRIVATE RESIDENCE	26 SPADINA AVE (PROPERTY OWNER IS CLIFF ANDERSON) FURNACE OIL TANK OTTAWA CITY ON K1Y 2B6	299.9	<u>134</u>
Cascades Recovery Inc.	250 City Centre Ave. Ottawa ON	300.0	<u>136</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>

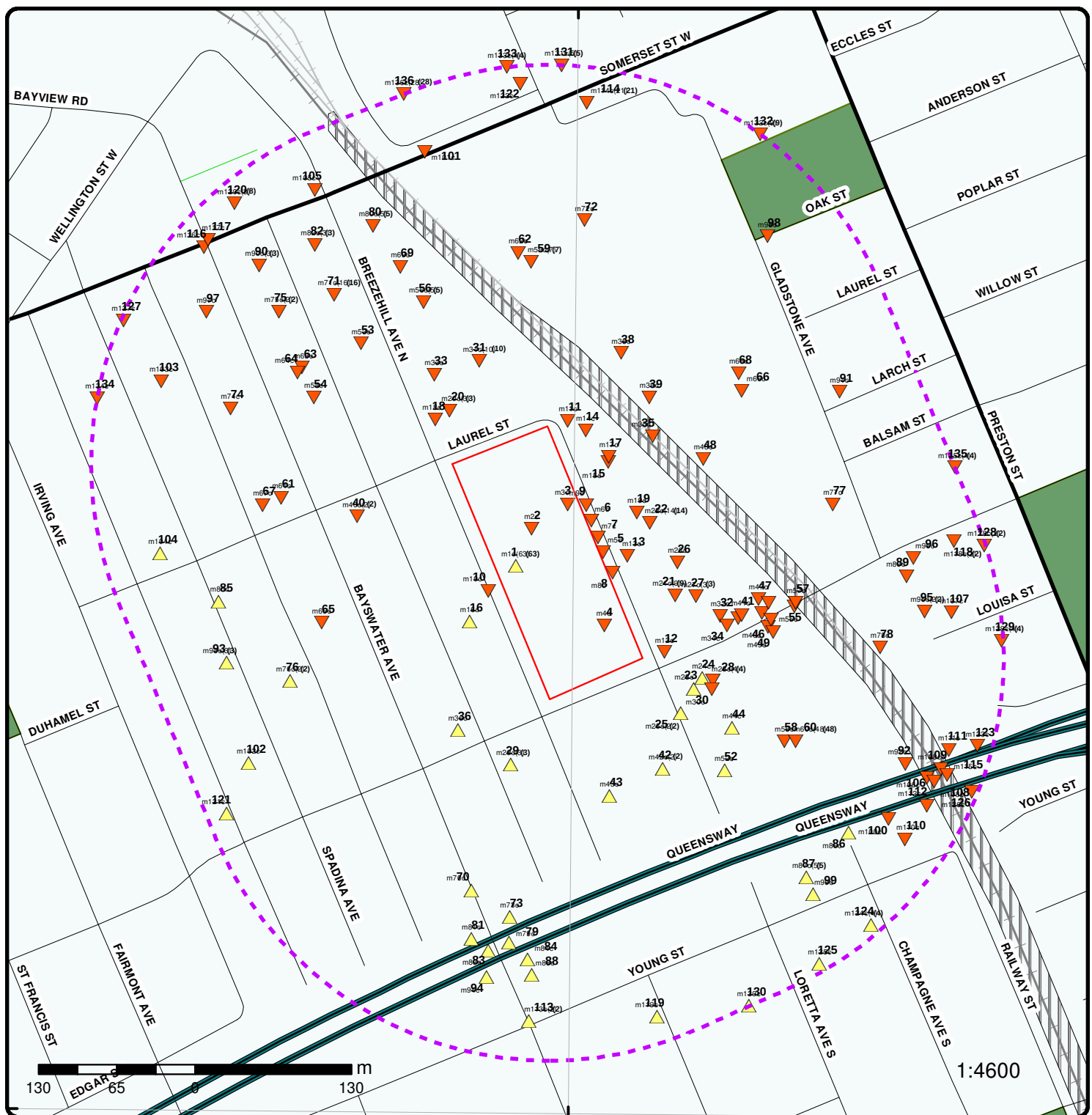
WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31, 2017 has found that there are 24 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	OTTAWA ON <i>Well ID: 7245909</i>	3.2	<u>5</u>
	OTTAWA ON <i>Well ID: 7245908</i>	3.9	<u>6</u>
	OTTAWA ON <i>Well ID: 7245907</i>	4.1	<u>7</u>
	OTTAWA ON <i>Well ID: 7245910</i>	4.2	<u>8</u>
	OTTAWA ON <i>Well ID: 7245911</i>	5.1	<u>9</u>
	OTTAWA ON <i>Well ID: 1535405</i>	20.6	<u>13</u>
	lot 39 con 1 ON <i>Well ID: 7292789</i>	41.7	<u>19</u>
	Ottawa ON <i>Well ID: 7174653</i>	72.9	<u>32</u>
	Ottawa ON <i>Well ID: 7205660</i>	77.6	<u>35</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Ottawa ON <i>Well ID: 7174652</i>	89.9	<u>41</u>
	OTTAWA ON <i>Well ID: 1536545</i>	94.3	<u>44</u>
	OTTAWA ON <i>Well ID: 7183730</i>	107.6	<u>46</u>
	Ottawa ON <i>Well ID: 7188016</i>	107.8	<u>47</u>
	OTTAWA ON <i>Well ID: 7183731</i>	110.6	<u>49</u>
	OTTAWA ON <i>Well ID: 7183728</i>	111.1	<u>50</u>
	Ottawa ON <i>Well ID: 7174651</i>	114.5	<u>51</u>
	Ottawa ON <i>Well ID: 7174650</i>	114.5	<u>51</u>
	ON <i>Well ID: 1508421</i>	115.3	<u>52</u>
	ON <i>Well ID: 7216640</i>	125.6	<u>53</u>
	Ottawa ON <i>Well ID: 7183729</i>	133.5	<u>55</u>
	OTTAWA ON	135.5	<u>57</u>

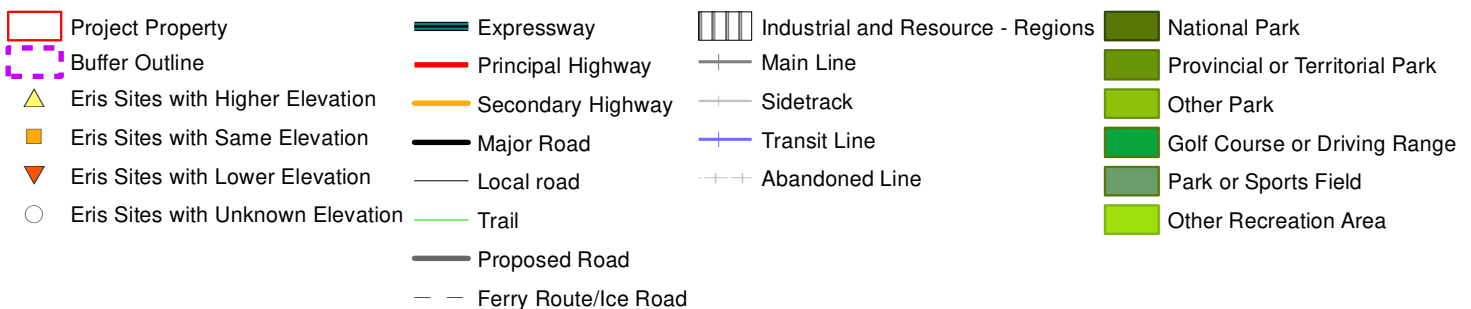
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7183732		
	OTTAWA ON	208.1	<u>80</u>
	<i>Well ID:</i> 7184358		
	lot 39 con 1 OTTAWA ON	276.1	<u>118</u>
	<i>Well ID:</i> 1536292		
	Ottawa ON	278.5	<u>119</u>
	<i>Well ID:</i> 7107610		



Map : 0.3 Kilometer Radius

Order No: 20190501135

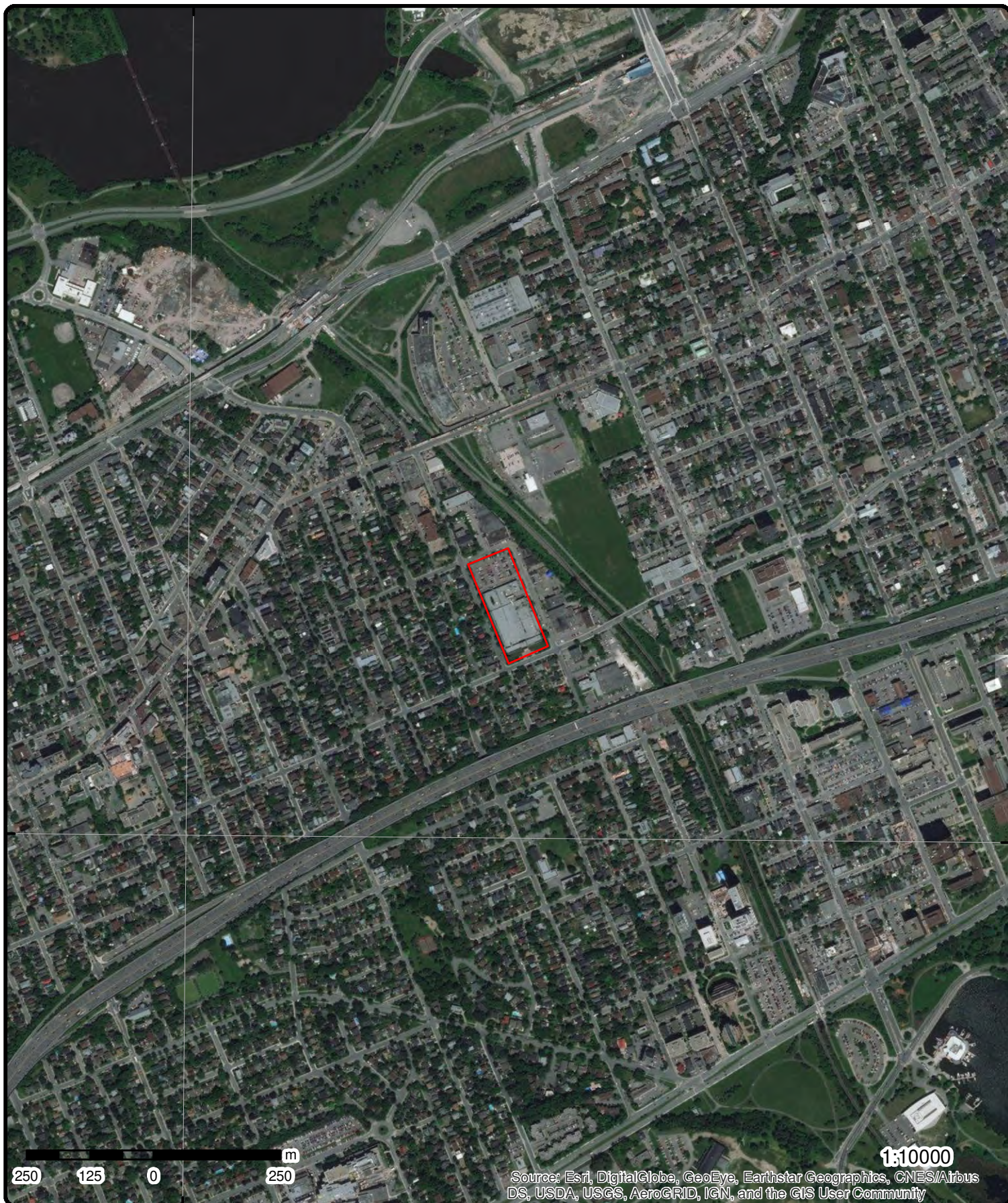
Address: 975 Gladstone Avenue, Ottawa, ON, K1Y 4W5



75°43'30"W

45°24'N

45°24'N



Aerial (2017)

Address: 975 Gladstone Avenue, Ottawa, ON, K1Y 4W5

Source: ESRI World Imagery

Order No: 20190501135



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Topographic Map

Address: 975 Gladstone Avenue, Ottawa, ON, K1Y 4W5

Source: ESRI World Topographic Map

Order No: 20190501135



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 63	-/0.0	68.6 / 0.23	B.A. BANKNOTE INC. 975 GLADSTONE AVE. OTTAWA CITY ON K1Y 4W5	CA
Certificate #:		8-4158-92-			
Application Year:		92			
Issue Date:		12/23/1992			
Approval Type:		Industrial air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:		INST. MIST ELMIN., (2) GEN. EXH. SYSTEMS			
Contaminants:					
Emission Control:		Packed Tower,			
1	2 of 63	-/0.0	68.6 / 0.23	BA International Inc. 975 Gladstone Avenue Ottawa ON K1Y 4W5	CA
Certificate #:		5712-6XRLU3			
Application Year:		2007			
Issue Date:		3/19/2007			
Approval Type:		Air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
1	3 of 63	-/0.0	68.6 / 0.23	BA Banknote Inc. 975 Gladstone Avenue Ottawa ON K1Y 4W5	CA
Certificate #:		7660-5Z4PFX			
Application Year:		2004			
Issue Date:		6/4/2004			
Approval Type:		Air			
Status:		Revoked and/or Replaced			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Emission Control:					
1	4 of 63	-/0.0	68.6 / 0.23	BA Banknote Inc. 975 Gladstone Avenue Ottawa ON K1Y 4W5	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		3844-5SQTGU 2003 10/29/2003 Air Revoked and/or Replaced			
1	5 of 63	-/0.0	68.6 / 0.23	BA International Inc. 975 Gladstone Avenue Ottawa ON K1Y 4W5	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		1491-63LLHD 2004 11/9/2004 Air Revoked and/or Replaced			
1	6 of 63	-/0.0	68.6 / 0.23	975 Gladstone Avenue Ottawa ON K1Y 4W5	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		9223-5C6HZK 02 9/6/02 Industrial air Approved Amended CofA BA Banknote Inc. 975 Gladstone Avenue Ottawa K1Y 4W5 The applicant seeks approval for an amendment to the existing Certificate of Approval for the installation of a silk screen press. The addition of this equipment will include construction of three stacks that will ventilate the silk screen area and will exhaust solvent vapours to the atmosphere.			
1	7 of 63	-/0.0	68.6 / 0.23	BA International Inc.	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				975 Gladstone Avenue Ottawa ON K1Y 4W5	
Certificate #:		1491-63LLHD			
Application Year:		2006			
Issue Date:		3/23/2006			
Approval Type:		Air			
Status:		Revoked and/or Replaced			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
1	8 of 63	-/0.0	68.6 / 0.23	975 Gladstone Avenue Ottawa ON K1Y 4W5	CA
Certificate #:		6703-4SSRE3			
Application Year:		01			
Issue Date:		1/8/01			
Approval Type:		Industrial air			
Status:		Revoked and/or Replaced			
Application Type:		Amended CofA			
Client Name:		BA Banknote Inc.			
Client Address:		975 Gladstone Avenue			
Client City:		Ottawa			
Client Postal Code:		K1Y 4W5			
Project Description:		Installation of one Super Simultank-212 printing press used in printring commercial paper.			
Contaminants:					
Emission Control:					
1	9 of 63	-/0.0	68.6 / 0.23	CANADIAN BANK NOTE COMPANY, LIMITED 975 GLADSTONE AVE OTTAWA ON K1Y 4W5	EASR
Approval No:		R-003-9388039268		SWP Area Name:	Rideau Valley
Status:		REGISTERED		MOE District:	Ottawa
Date:		2013-11-19		City:	OTTAWA
Record Type:		EASR		Latitude:	45.4041
Link Source:		MOFA		Longitude:	-75.71691
Project Type:		Heating System		Geometry X:	
Full Address:				Geometry Y:	
Approval Type:		EASR-Heating System			
Full PDF Link:		http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=6524			
1	10 of 63	-/0.0	68.6 / 0.23	CANADIAN BANK NOTE COMPANY, LIMITED 975 GLADSTONE AVE OTTAWA ON K1Y 4W5	EASR
Approval No:		R-002-3388172978		SWP Area Name:	Rideau Valley
Status:		REGISTERED		MOE District:	Ottawa
Date:		2013-11-19		City:	OTTAWA
Record Type:		EASR		Latitude:	45.4041
Link Source:		MOFA		Longitude:	-75.71691
Project Type:		Standby Power System		Geometry X:	
Full Address:				Geometry Y:	
Approval Type:		EASR-Standby Power System			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Full PDF Link:		http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=6525			
1	11 of 63	-/0.0	68.6 / 0.23	BA Banknote Inc. 975 Gladstone Avenue Ottawa Ontario Ottawa ON	EBR
EBR Registry No:		IA06E1098		Proposal Date: August 31, 2006	
Ministry Ref. No:		4981-6SKPCP		Notice Pub Date: April 16, 2007	
Notice Type:		Instrument Decision		Year: 2006	
Company Name:		BA Banknote Inc.			
Proponent Name:					
Proponent Address:		975 Gladstone Avenue, Ottawa Ontario, K1Y 4W5			
Instrument Type:		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
Location Other:					
URL:					
Location:					
975 Gladstone Avenue Ottawa Ontario Ottawa					
1	12 of 63	-/0.0	68.6 / 0.23	BA Banknote Inc. 975 Gladstone Avenue Ottawa Ontario CITY OF OTTAWA ON	EBR
EBR Registry No:		IA00E0164		Proposal Date: January 24, 2000	
Ministry Ref. No:		8042-4FUP9P		Notice Pub Date: January 10, 2001	
Notice Type:		Instrument Decision		Year: 2000	
Company Name:		BA Banknote Inc.			
Proponent Name:					
Proponent Address:		975 Gladstone Avenue, Ottawa Ontario, K1Y 4W5			
Instrument Type:		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
Location Other:					
URL:					
Location:					
975 Gladstone Avenue Ottawa Ontario CITY OF OTTAWA					
1	13 of 63	-/0.0	68.6 / 0.23	BA Banknote Inc. 975 Gladstone Avenue Ottawa Ontario Ottawa ON	EBR
EBR Registry No:		IA04E0471		Proposal Date: April 02, 2004	
Ministry Ref. No:		6786-5XFJPS		Notice Pub Date: November 09, 2004	
Notice Type:		Instrument Decision		Year: 2004	
Company Name:		BA Banknote Inc.			
Proponent Name:					
Proponent Address:		975 Gladstone Avenue, Ottawa Ontario, K1Y 4W5			
Instrument Type:		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
Location Other:					
URL:					
Location:					
975 Gladstone Avenue Ottawa Ontario Ottawa					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	14 of 63	-/0.0	68.6 / 0.23	BA Banknote Inc. 975 Gladstone Avenue Ottawa Ontario Ottawa ON	EBR
EBR Registry No: IA04E0048 Ministry Ref. No: 9227-5V5REP Notice Type: Instrument Decision Company Name: BA Banknote Inc. Proponent Name: Proponent Address: 975 Gladstone Avenue, Ottawa Ontario, K1Y 4W5 Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) Location Other: URL: Location: 975 Gladstone Avenue Ottawa Ontario Ottawa					
1	15 of 63	-/0.0	68.6 / 0.23	BA Banknote Inc. 975 Gladstone Avenue Ottawa Ontario CITY OF OTTAWA ON	EBR
EBR Registry No: IA01E0439 Ministry Ref. No: 3825-4VAQMB Notice Type: Instrument Decision Company Name: BA Banknote Inc. Proponent Name: Proponent Address: 975 Gladstone Avenue, Ottawa Ontario, K1Y 4W5 Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) Location Other: URL: Location: 975 Gladstone Avenue Ottawa Ontario CITY OF OTTAWA					
1	16 of 63	-/0.0	68.6 / 0.23	Canadian Bank Note Company, Limited 975 Gladstone Avenue Ottawa K1Y 4W5 CITY OF OTTAWA ON	EBR
EBR Registry No: 012-1359 Ministry Ref. No: 7194-9H3LA9 Notice Type: Instrument Decision Company Name: Canadian Bank Note Company, Limited Proponent Name: Proponent Address: 975 Gladstone avenue, Ottawa Ontario, Canada K1Y 4W5 Instrument Type: (EPA Part II.1-air) - Environmental Compliance Approval (project type: air) Location Other: URL: Location: 975 Gladstone Avenue Ottawa K1Y 4W5 CITY OF OTTAWA					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	17 of 63	-/0.0	68.6 / 0.23	BA International Inc. 975 Gladstone Avenue Ottawa ON K1Y 4W5	ECA
Approval No: 1491-63LLHD Approval Date: 2006-03-23 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR Project Type: AIR Address: 975 Gladstone Avenue Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6469-6MXMT6-14.pdf MOE District: Ottawa City: Ottawa Longitude: -75.71691 Latitude: 45.4041 Geometry X: Geometry Y:					
1	18 of 63	-/0.0	68.6 / 0.23	BA International Inc. 975 Gladstone Avenue Ottawa ON K1Y 4W5	ECA
Approval No: 1491-63LLHD Approval Date: 2004-11-09 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR Project Type: AIR Address: 975 Gladstone Avenue Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6786-5XFJPS-14.pdf MOE District: Ottawa City: Ottawa Longitude: -75.71691 Latitude: 45.4041 Geometry X: Geometry Y:					
1	19 of 63	-/0.0	68.6 / 0.23	BA Banknote Inc. 975 Gladstone Avenue Ottawa ON K1Y 4W5	ECA
Approval No: 7660-5Z4PFX Approval Date: 2004-06-04 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR Project Type: AIR Address: 975 Gladstone Avenue Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9227-5V5REP-14.pdf MOE District: Ottawa City: Ottawa Longitude: -75.71691 Latitude: 45.4041 Geometry X: Geometry Y:					
1	20 of 63	-/0.0	68.6 / 0.23	BA Banknote Inc. 975 Gladstone Avenue Ottawa ON K1Y 4W5	ECA
Approval No: 9223-5C6HZK Approval Date: 2002-09-06 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR MOE District: Ottawa City: Ottawa Longitude: -75.71691 Latitude: 45.4041 Geometry X: Geometry Y:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Type: Address: Full Address: Full PDF Link:		AIR 975 Gladstone Avenue https://www.accessenvironment.ene.gov.on.ca/instruments/3825-4VAQMB-14.pdf			
1	21 of 63	-/0.0	68.6 / 0.23	BA International Inc. 975 Gladstone Avenue Ottawa ON K1Y 4W5	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:		5712-6XRLU3 2007-03-19 Approved ECA IDS Rideau Valley ECA-AIR AIR 975 Gladstone Avenue https://www.accessenvironment.ene.gov.on.ca/instruments/4981-6SKPCP-14.pdf		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	Ottawa Ottawa -75.71691 45.4041
1	22 of 63	-/0.0	68.6 / 0.23	Canadian Bank Note Company, Limited 975 Gladstone Ave Ottawa ON K1Y 4W5	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:		3835-A7QLZW 2016-12-30 Approved ECA IDS ECA-AIR AIR 975 Gladstone Ave https://www.accessenvironment.ene.gov.on.ca/instruments/7194-9H3LA9-14.pdf		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	Ottawa
1	23 of 63	-/0.0	68.6 / 0.23	BA Banknote Inc. 975 Gladstone Avenue Ottawa ON K1Y 4W5	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:		6703-4SSRE3 2001-01-08 Revoked and/or Replaced ECA IDS Rideau Valley ECA-AIR AIR 975 Gladstone Avenue https://www.accessenvironment.ene.gov.on.ca/instruments/8042-4FUP9P-14.pdf		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	Ottawa Ottawa -75.71691 45.4041
1	24 of 63	-/0.0	68.6 / 0.23	BA Banknote Inc. 975 Gladstone Avenue Ottawa ON K1Y 4W5	ECA
Approval No:		3844-5SQTGU		MOE District:	Ottawa

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Date: 2003-10-29 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR Project Type: AIR Address: 975 Gladstone Avenue Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1525-5RURU7-14.pdf					
1	25 of 63	-/0.0	68.6 / 0.23	975 Gladstone Avenue Ottawa ON K1Y 4W5	EHS
Order No: 20071128024 Status: C Report Type: CAN - Complete Report Report Date: 11/30/2007 Date Received: 11/28/2007 Previous Site Name: Lot/Building Size: NA Additional Info Ordered: Fire Insur. Maps And /or Site Plans					
Nearest Intersection: Gladstone Avenue and Loretta Avenue North Municipality: City of Ottawa Client Prov/State: Search Radius (km): 0.25 X: -75.716927 Y: 45.404016					
1	26 of 63	-/0.0	68.6 / 0.23	975 Gladstone Avenue n/a ON K1Y 4W5	EHS
Order No: 20080226024w Status: C Report Type: Online Mapless Report Date: 2/26/2008 Date Received: 2/26/2008 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: 0 Y: 0					
1	27 of 63	-/0.0	68.6 / 0.23	975 Gladstone Avenue Ottawa ON K1Y 4W5	EHS
Order No: 20050520015 Status: C Report Type: Report Date: 5/31/2005 Date Received: 5/20/2005 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.716382 Y: 45.403273					
1	28 of 63	-/0.0	68.6 / 0.23	BA INTERNATIONAL INC. 975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	GEN
Generator No: ON0297401 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 323119 SIC Description: Other Printing					
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
--Details--					
Waste Code:			312		
Waste Description:			PATHOLOGICAL WASTES		
Waste Code:			145		
Waste Description:			PAINT/PIGMENT/COATING RESIDUES		
Waste Code:			231		
Waste Description:			LATEX WASTES		
Waste Code:			331		
Waste Description:			WASTE COMPRESSED GASES		
Waste Code:			122		
Waste Description:			ALKALINE WASTES - OTHER METALS		
Waste Code:			251		
Waste Description:			OIL SKIMMINGS & SLUDGES		
Waste Code:			132		
Waste Description:			NEUTRALIZED WASTES - OTHER METALS		
Waste Code:			264		
Waste Description:			PHOTOPROCESSING WASTES		
Waste Code:			233		
Waste Description:			OTHER POLYMERIC WASTES		
Waste Code:			252		
Waste Description:			WASTE OILS & LUBRICANTS		
Waste Code:			253		
Waste Description:			EMULSIFIED OILS		
Waste Code:			211		
Waste Description:			AROMATIC SOLVENTS		
Waste Code:			265		
Waste Description:			GRAPHIC ART WASTES		
Waste Code:			262		
Waste Description:			DETERGENTS/SOAPS		
Waste Code:			263		
Waste Description:			ORGANIC LABORATORY CHEMICALS		
Waste Code:			267		
Waste Description:			ORGANIC ACIDS		
Waste Code:			212		
Waste Description:			ALIPHATIC SOLVENTS		
Waste Code:			121		
Waste Description:			ALKALINE WASTES - HEAVY METALS		
Waste Code:			241		
Waste Description:			HALOGENATED SOLVENTS		
Waste Code:			148		
Waste Description:			INORGANIC LABORATORY CHEMICALS		
Waste Code:			146		
Waste Description:			OTHER SPECIFIED INORGANICS		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
1	29 of 63	-/0.0	68.6 / 0.23	BA INTERNATIONAL INC. 975 GLADSTONE AVENUE OTTAWA ON	GEN
Generator No:		ON0297401		PO Box No:	
Status:				Country:	
Approval Years:		2013		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		323119			
SIC Description:		OTHER PRINTING			
--Details--					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		132			
Waste Description:		NEUTRALIZED WASTES - OTHER METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		233			
Waste Description:		OTHER POLYMERIC WASTES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		262			
Waste Description:		DETERGENTS/SOAPS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		267			
Waste Description:		ORGANIC ACIDS			
Waste Code:		231			
Waste Description:		LATEX WASTES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
<u>1</u>	30 of 63	-/0.0	68.6 / 0.23	BA INTERNATIONAL INC. 975 GLADSTONE AVENUE OTTAWA ON K1N 8V4	GEN
Generator No:	ON0297401			PO Box No:	
Status:				Country:	
Approval Years:	04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	323119				
SIC Description:	Other Printing				
--Details--					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		262			
Waste Description:		DETERGENTS/SOAPS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		254			
Waste Description:		TRANSFER STATION OILS WASTES			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		998			
Waste Description:		NONHAZARDOUS WASTE			
Waste Code:		132			
Waste Description:		NEUTRALIZED WASTES - OTHER METALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		146			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		231			
Waste Description:		LATEX WASTES			
Waste Code:		233			
Waste Description:		OTHER POLYMERIC WASTES			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		267			
Waste Description:		ORGANIC ACIDS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
<u>1</u>	31 of 63	-/0.0	68.6 / 0.23	Canadian Bank Note Company, limited 975 Gladstone avenue Ottawa ON K1Y 4W5	GEN
Generator No:		ON8483802		PO Box No:	
Status:				Country: Canada	
Approval Years:		2015		Choice of Contact: CO_OFFICIAL	
Contam. Facility:		No		Co Admin:	
MHSW Facility:		No		Phone No Admin:	
SIC Code:		323113, 323119			
SIC Description:		COMMERCIAL SCREEN PRINTING, OTHER PRINTING			
--Details--					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		269			
Waste Description:		NON-HALOGENATED PESTICIDES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		131			
Waste Description:		NEUTRALIZED WASTES - HEAVY METALS			
Waste Code:		232			
Waste Description:		POLYMERIC RESINS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		267			
Waste Description:		ORGANIC ACIDS			
Waste Code:		262			
Waste Description:		DETERGENTS/SOAPS			
Waste Code:		243			
Waste Description:		PCBS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			

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-/0.0

68.6 / 0.23

**BA INTERNATIONAL INC.
975 GLADSTONE AVENUE
OTTAWA ON K1Y 4W5**

GEN

Generator No: ON0297401
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 323119

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 Description:		Other Printing			
--Details--					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		231			
Waste Description:		LATEX WASTES			
Waste Code:		233			
Waste Description:		OTHER POLYMERIC WASTES			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		262			
Waste Description:		DETERGENTS/SOAPS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		267			
Waste Description:		ORGANIC ACIDS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		132			
Waste Description:		NEUTRALIZED WASTES - OTHER METALS			
1	33 of 63	-/0.0	68.6 / 0.23	BA INTERNATIONAL INC. 975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	GEN
Generator No:	ON0297401			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	323119				
SIC Description:	Other Printing				
 --Details--					
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		262			
Waste Description:		DETERGENTS/SOAPS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		132			
Waste Description:		NEUTRALIZED WASTES - OTHER METALS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		231			
Waste Description:		LATEX WASTES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		267			
Waste Description:		ORGANIC ACIDS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		265			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		233			
Waste Description:		OTHER POLYMERIC WASTES			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
1	34 of 63	-/0.0	68.6 / 0.23	BA INTERNATIONAL INC. 975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	GEN
Generator No:		ON0297401		PO Box No:	
Status:				Country:	
Approval Years:		2010		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		323119			
SIC Description:		Other Printing			
--Details--					
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		132			
Waste Description:		NEUTRALIZED WASTES - OTHER METALS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		231			
Waste Description:		LATEX WASTES			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		233			
Waste Description:		OTHER POLYMERIC WASTES			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		267			
Waste Description:		ORGANIC ACIDS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		262			
Waste Description:		DETERGENTS/SOAPS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
<u>1</u>	35 of 63	-/0.0	68.6 / 0.23	BA BANKNOTE 05-931 OTTAWA DIV., DIV OF QUEBECOR PUBLITECH INC./975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	GEN
Generator No:	ON0297401			PO Box No:	
Status:				Country:	
Approval Years:	94,95,96			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2819				
SIC Description:		OTHER COMM. PRINTING			
--Details--					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		121			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		231			
Waste Description:		LATEX WASTES			
Waste Code:		233			
Waste Description:		OTHER POLYMERIC WASTES			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		267			
Waste Description:		ORGANIC ACIDS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
1	36 of 63	-/0.0	68.6 / 0.23	Canadian Bank Note Company, limited 975 Gladstone avenue Ottawa ON K1Y 4W5	GEN
Generator No:		ON8483802		PO Box No:	
Status:				Country: Canada	
Approval Years:		2016		Choice of Contact: CO_OFFICIAL	
Contam. Facility:		No		Co Admin:	
MHSW Facility:		No		Phone No Admin:	
SIC Code:		323113, 323119			
SIC Description:		COMMERCIAL SCREEN PRINTING, OTHER PRINTING			
--Details--					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		232			
Waste Description:		POLYMERIC RESINS			
Waste Code:		150			
Waste Description:		INERT INORGANIC WASTES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		243			
Waste Description:		PCBS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		269			
Waste Description:		NON-HALOGENATED PESTICIDES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		267			
Waste Description:		ORGANIC ACIDS			
Waste Code:		131			
Waste Description:		NEUTRALIZED WASTES - HEAVY METALS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		262			
Waste Description:		DETERGENTS/SOAPS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			

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-/0.0

68.6 / 0.23

BA BANKNOTE INC.
975 GLADSTONE AVENUE
OTTAWA ON K1N 8V4

GEN

Generator No: ON0297401
Status:
Approval Years: 02,03

PO Box No:
Country:
Choice of Contact:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:				Co Admin: Phone No Admin:	
--Details--					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		231			
Waste Description:		LATEX WASTES			
Waste Code:		233			
Waste Description:		OTHER POLYMERIC WASTES			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		267			
Waste Description:		ORGANIC ACIDS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
<u>1</u>	38 of 63	-/0.0	68.6 / 0.23	Canadian Bank Note Company, limited 975 Gladstone avenue Ottawa ON K1Y 4W5	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: ON8483802 Status: Approval Years: 2014 Contam. Facility: No MHSW Facility: No SIC Code: 323113, 323119 SIC Description: COMMERCIAL SCREEN PRINTING, OTHER PRINTING PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:					
--Details--					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		243			
Waste Description:		PCBS			
Waste Code:		131			
Waste Description:		NEUTRALIZED WASTES - HEAVY METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		232			
Waste Description:		POLYMERIC RESINS			
Waste Code:		269			
Waste Description:		NON-HALOGENATED PESTICIDES			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		262			
Waste Description:		DETERGENTS/SOAPS			
1	39 of 63	-/0.0	68.6 / 0.23	Pinchin Environmental 975 Gladstone Ottawa ON K1Y 4W5	GEN
Generator No: ON5063272 Status: Approval Years: 05 Contam. Facility: MHSW Facility: SIC Code: 323119 SIC Description: Other Printing PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
--Details--					
Waste Code:		222			
Waste Description:		HEAVY FUELS			
1	40 of 63	-/0.0	68.6 / 0.23	BRITISH AMERICAN BANK NOTE INC. 975 GLADSTONE AVENUE C/O P.O. BOX 399, STATION A OTTAWA ON K1Y 4W5	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0297401 86,87 2819	OTHER COMM. PRINTING		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details--					
Waste Code:	112				
Waste Description:	ACID WASTE - HEAVY METALS				
Waste Code:	122				
Waste Description:	ALKALINE WASTES - OTHER METALS				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	146				
Waste Description:	OTHER SPECIFIED INORGANICS				
Waste Code:	211				
Waste Description:	AROMATIC SOLVENTS				
Waste Code:	241				
Waste Description:	HALOGENATED SOLVENTS				
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
Waste Code:	265				
Waste Description:	GRAPHIC ART WASTES				
<u>1</u>	41 of 63	-/0.0	68.6 / 0.23	Canadian Bank Note Company, limited Gladstone 975 Gladstone avenue Ottawa ON K1Y 4W5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON8483802 Registered As of Dec 2018			PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
--Details--					
Waste Code:	112 C				
Waste Description:	Acid solutions - containing heavy metals				
Waste Code:	122 C				
Waste Description:	Alkaline slutions - containing other metals and non-metals (not cyanide)				
Waste Code:	122 L				
Waste Description:	Alkaline slutions - containing other metals and non-metals (not cyanide)				
Waste Code:	131 L				
Waste Description:	Neutralized solutions - containing heavy metals				
Waste Code:	145 I				
Waste Description:	Wastes from the use of pigments, coatings and paints				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code: Waste Description:		145 L Wastes from the use of pigments, coatings and paints			
Waste Code: Waste Description:		146 L Other specified inorganic sludges, slurries or solids			
Waste Code: Waste Description:		146 T Other specified inorganic sludges, slurries or solids			
Waste Code: Waste Description:		148 C Misc. wastes and inorganic chemicals			
Waste Code: Waste Description:		150 L Inert organic wastes			
Waste Code: Waste Description:		212 L Aliphatic solvents and residues			
Waste Code: Waste Description:		213 I Petroleum distillates			
Waste Code: Waste Description:		232 B Polymeric resins			
Waste Code: Waste Description:		232 L Polymeric resins			
Waste Code: Waste Description:		241 H Halogenated solvents and residues			
Waste Code: Waste Description:		243 D PCB			
Waste Code: Waste Description:		251 L Waste oils/sludges (petroleum based)			
Waste Code: Waste Description:		252 L Waste crankcase oils and lubricants			
Waste Code: Waste Description:		253 L Emulsified oils			
Waste Code: Waste Description:		262 L Detergents and soaps			
Waste Code: Waste Description:		263 B Misc. waste organic chemicals			
Waste Code: Waste Description:		263 I Misc. waste organic chemicals			
Waste Code: Waste Description:		263 L Misc. waste organic chemicals			
Waste Code: Waste Description:		265 L Graphic arts wastes			
Waste Code: Waste Description:		267 C Organic acids			
Waste Code: Waste Description:		269 B Organic non-halogenated pesticide and herbicide wastes			
Waste Code: Waste Description:		331 I Waste compressed gases including cylinders			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		331 L			
Waste Description:		Waste compressed gases including cylinders			
1	42 of 63	-/0.0	68.6 / 0.23	BA BANKNOTE 975 GLADSTONE AVENUE OTTAWA ON K1N 8V4	GEN
Generator No:		ON0297401		PO Box No:	
Status:				Country:	
Approval Years:		98,99,00,01		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		2819			
SIC Description:		OTHER COMM. PRINTING			
--Details--					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		231			
Waste Description:		LATEX WASTES			
Waste Code:		233			
Waste Description:		OTHER POLYMERIC WASTES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		267			
Waste Description:		ORGANIC ACIDS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		122			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
1	43 of 63	-/0.0	68.6 / 0.23	BA BANKNOTE OTTAWA DIV., DIV OF QUEBECOR PUBLITECH INC. OTTAWA ON K1N 8V4	GEN
Generator No:		ON0297401		PO Box No:	
Status:				Country:	
Approval Years:		88		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		2819			
SIC Description:		OTHER COMM. PRINTING			
--Details--					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
1	44 of 63	-/0.0	68.6 / 0.23	BA BANKNOTE OTTAWA DIV., DIV OF QUEBECOR PUBLITECH INC./975 GLADSTONE AVENUE OTTAWA ON K1Y 4W5	GEN
Generator No:		ON0297401		PO Box No:	
Status:				Country:	
Approval Years:		89,90,92,93,97		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		2819			
SIC Description:		OTHER COMM. PRINTING			
--Details--					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		267			
Waste Description:		ORGANIC ACIDS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		231			
Waste Description:		LATEX WASTES			
Waste Code:		233			
Waste Description:		OTHER POLYMERIC WASTES			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			

<u>1</u>	45 of 63	-/0.0	68.6 / 0.23	BA INTERNATIONAL INC. 975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	NPRI
NPRI ID:	7358			Org ID:	38291
Other ID:				Submit Date:	6/29/2012
No Other ID:				Last Modified:	5/29/2015 3:28:24 PM
Track ID:	106512			Contact ID:	
Report ID:	8148			Cont Type:	
Report Type:	DNMC			Contact Title:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Rpt Type ID:	2			Cont First Name:	
Report Year:	2011			Cont Last Name:	
Not-Current Rpt?:	No			Contact Position:	
Yr of Last Filed Rpt:	2011			Contact Fax:	
Fac ID:	141167			Contact Ph.:	
Fac Name:	BA INTERNATIONAL			Cont Area Code:	
Fac Address1:	975 GLADSTONE AVENUE			Contact Tel.:	
Fac Address2:	NOT AVAILABLE			Contact Ext.:	
Fac Postal Zip:	K1Y4W5			Cont Fax Area Cde:	
Facility Lat:	45.4038			Contact Fax:	
Facility Long:	-75.7167			Contact Email:	
DLS (Last Filed Rpt):				Latitude:	45.4038
Facility DLS:				Longitude:	-75.7167
Datum:	1983			UTM Zone:	
Facility Cmnts:				UTM Northing:	
URL:				UTM Easting:	
No of Empl.:				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):	3231				
NAICS 4 Description:	Printing and related support activities				
NAICS Code (6 digit):	323119				
NAICS 6 Description:	Other printing				

<u>1</u>	46 of 63	-/0.0	68.6 / 0.23	BA INTERNATIONAL INC. 975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	NPRI
NPRI ID:	7358			Org ID:	38292
Other ID:	Y			Submit Date:	6/18/2011
No Other ID:	2			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	93289			Contact ID:	168491
Report ID:	147340			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	JOHN
Report Year:	2010			Cont Last Name:	CODY
Not-Current Rpt?:	No			Contact Position:	MANAGER, PROCESSES, TECHNOLOGY AND ENVIRONMENT
Yr of Last Filed Rpt:	2011			Contact Fax:	6137286847
Fac ID:	141167			Contact Ph.:	6137285854
Fac Name:	BA INTERNATIONAL			Cont Area Code:	613
Fac Address1:	975 GLADSTONE AVENUE			Contact Tel.:	37285854
Fac Address2:	NOT AVAILABLE			Contact Ext.:	
Fac Postal Zip:	K1Y4W5			Cont Fax Area Cde:	613
Facility Lat:	45.4038			Contact Fax:	37286847
Facility Long:	-75.7167			Contact Email:	JOHN.CODY@GI-DE.COM
DLS (Last Filed Rpt):				Latitude:	45.4038
Facility DLS:				Longitude:	-75.7167
Datum:	1983			UTM Zone:	
Facility Cmnts:	No			UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	194			Waste Streams:	No
Parent Co.:	Y			No Streams:	
No Parent Co.:	1			Waste Off Sites:	No
Pollut Prev Cmnts:	Yes			No Off Sites:	
Stacks:	No			Shutdown:	No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): NAICS 2 Description: NAICS Code (4 digit): NAICS 4 Description: NAICS Code (6 digit): NAICS 6 Description:				No of Shutdown:	
<u>Substance Release Report</u>					
Category Type ID: Category Type Desc: Category Type Desc (fr): Grouping: Trans Code: Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:				13 All Media Rejets à tous les médias Total All Media<1t Hexavalent chromium (and its compounds) Chrome hexavalent (et ses composés) .0003 kg	
<u>1</u>	47 of 63	-/0.0	68.6 / 0.23	BA INTERNATIONAL 975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	NPRI
NPRI ID: Other ID: No Other ID: Track ID: Report ID: Report Type: Rpt Type ID: Report Year: Not-Current Rpt?: Yr of Last Filed Rpt: Fac ID: Fac Name: Fac Address1: Fac Address2: Fac Postal Zip: Facility Lat: Facility Long: DLS (Last Filed Rpt): Facility DLS: Datum: Facility Cmnts: URL: No of Empl.: Parent Co.: No Parent Co.: Pollut Prev Cmnts: Stacks: No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): NAICS 2 Description:				Org ID: Submit Date: Last Modified: Contact ID: Cont Type: Contact Title: Cont First Name: Cont Last Name: Contact Position: Contact Fax: Contact Ph.: Cont Area Code: Contact Tel.: Contact Ext.: Cont Fax Area Cde: Contact Fax: Contact Email: Latitude: Longitude: UTM Zone: UTM Northing: UTM Easting: Waste Streams: No Streams: Waste Off Sites: No Off Sites: Shutdown: No of Shutdown:	7358 Y 1 50882 111337 NPRI 1 2006 No 2011 141167 BA INTERNATIONAL 975 GLADSTONE AVENUE NOT AVAILABLE K1Y4W5 45.4038 -75.7167 1983 False 240 Y 1 False True 32 Manufacturing

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
NAICS Code (4 digit):		3231			
NAICS 4 Description:		Printing and related support activities			
NAICS Code (6 digit):		323119			
NAICS 6 Description:		Other printing			
<u>Substance Release Report</u>					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Hexavalent chromium (and its compounds)			
Chem (fr):		Chrome hexavalent (et ses composés)			
Quantity:		.016			
Unit:		kg			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		MSG#1 - Hydrotreated heavy naphtha			
Chem (fr):		EMG#1 - Naphta lourd hydrotraité			
Quantity:		.836			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		MSG#1 - Solvent naphtha medium aliphatic			
Chem (fr):		EMG#1 - Solvant naphta aliphatique moyen			
Quantity:		2.9			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
<u>1</u>	48 of 63	-/0.0	68.6 / 0.23	BA INTERNATIONAL 975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	NPRI
NPRI ID:	7358			Org ID:	38290
Other ID:	Y			Submit Date:	5/31/2008
No Other ID:	1.00			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	58740			Contact ID:	168497
Report ID:	118575			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	JOHN
Report Year:	2007			Cont Last Name:	CODY
Not-Current Rpt?:	No			Contact Position:	QUALITY AND ENVIRONMENTAL MANAGER
Yr of Last Filed Rpt:	2011			Contact Fax:	6137287419
Fac ID:	141167			Contact Ph.:	6137285854
Fac Name:	BA INTERNATIONAL			Cont Area Code:	613
Fac Address1:	975 GLADSTONE AVENUE			Contact Tel.:	37285854
Fac Address2:	NOT AVAILABLE			Contact Ext.:	
Fac Postal Zip:	K1Y4W5			Cont Fax Area Cde:	613
Facility Lat:	45.4038			Contact Fax:	37287419
Facility Long:	-75.7167			Contact Email:	JOHN_CODY@GDM.DE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DLS (Last Filed Rpt):				Latitude:	45.4038
Facility DLS:				Longitude:	-75.7167
Datum:	1983			UTM Zone:	
Facility Cmnts:	False			UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	240			Waste Streams:	True?
Parent Co.:	Y			No Streams:	
No Parent Co.:	1.00			Waste Off Sites:	True
Pollut Prev Cmnts:	False			No Off Sites:	1.00
Stacks:	True			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):		3231			
NAICS 4 Description:		Printing and related support activities			
NAICS Code (6 digit):		323119			
NAICS 6 Description:		Other printing			
 <u>Substance Release Report</u>					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Hexavalent chromium (and its compounds)			
Chem (fr):		Chrome hexavalent (et ses composés)			
Quantity:		.018			
Unit:		kg			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
<u>1</u>	49 of 63	-/0.0	68.6 / 0.23	BA INTERNATIONAL 975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	NPRI
NPRI ID:	7358			Org ID:	38290
Other ID:	Y			Submit Date:	1/22/2006
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	32859			Contact ID:	168497
Report ID:	92759			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	JOHN
Report Year:	2004			Cont Last Name:	CODY
Not-Current Rpt?:	No			Contact Position:	QUALITY AND ENVIRONMENTAL MANAGER
Yr of Last Filed Rpt:	2011			Contact Fax:	6137287419
Fac ID:	141167			Contact Ph.:	6137285854
Fac Name:	BA INTERNATIONAL			Cont Area Code:	613
Fac Address1:	975 GLADSTONE AVENUE			Contact Tel.:	37285854
Fac Address2:	NOT AVAILABLE			Contact Ext.:	
Fac Postal Zip:	K1Y4W5			Cont Fax Area Cde:	613
Facility Lat:	45.4038			Contact Fax:	37287419
Facility Long:	-75.7167			Contact Email:	JOHN_CODY@GDM.DE
DLS (Last Filed Rpt):				Latitude:	45.4038
Facility DLS:				Longitude:	-75.7167
Datum:	1983			UTM Zone:	
Facility Cmnts:	True			UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	240			Waste Streams:	False
Parent Co.:	Y			No Streams:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
No Parent Co.:	1			Waste Off Sites:	Fals
Pollut Prev Cmnts:	True			No Off Sites:	1
Stacks:	No			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):		3231			
NAICS 4 Description:		Printing and related support activities			
NAICS Code (6 digit):		323119			
NAICS 6 Description:		Other printing			
<u>Substance Release Report</u>					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Carbon black			
Chem (fr):		Noir de carbone			
Quantity:		0			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Titanium (and its compounds)			
Chem (fr):		Titane (et ses composés)			
Quantity:		0			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		MSG#2 - Hydrotreated light distillate			
Chem (fr):		EMG#2 - Distillat léger hydrotraité			
Quantity:		8.947			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Light aromatic solvent naphtha			
Chem (fr):		Solvant naphta aromatique léger			
Quantity:		.213			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		GE - Ethylene glycol propyl ether (EGPE)			
Chem (fr):		EG - Éther propylique d'éthylèneglycol (EGPE)			
Quantity:		.317			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		GE - Ethylene glycol butyl ether acetate (EGBEA)			
Chem (fr):		EG - Acétate d'éther butylique d'éthylèneglycol (EGBEA)			
Quantity:		.164			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		3			
Category Type Desc:		Fugitive			
Category Type Desc (fr):		Émissions fugitives			
Grouping:		Total Air			
Trans Code:		VOCs			
Chem:		Volatile Organic Compounds (VOCs)			
Chem (fr):		Composés organiques volatils (COV)			
Quantity:		13.851			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Hexavalent chromium (and its compounds)			
Chem (fr):		Chrome hexavalent (et ses composés)			
Quantity:		.026			
Unit:		kg			
Basis of Estimate Cd:					
Basis of Estimate Desc:					

<u>1</u>	50 of 63	-/0.0	68.6 / 0.23	BA INTERNATIONAL 975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	NPRI
NPRI ID:	7358			Org ID:	38290
Other ID:	Y			Submit Date:	6/1/2006
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	40358			Contact ID:	168497
Report ID:	100544			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	JOHN
Report Year:	2005			Cont Last Name:	CODY
Not-Current Rpt?:	No			Contact Position:	QUALITY AND ENVIRONMENTAL MANAGER
Yr of Last Filed Rpt:	2011			Contact Fax:	6137287419
Fac ID:	141167			Contact Ph.:	6137285854
Fac Name:	BA INTERNATIONAL			Cont Area Code:	613
Fac Address1:	975 GLADSTONE AVENUE			Contact Tel.:	37285854

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Fac Address2:	NOT AVAILABLE			Contact Ext.:	
Fac Postal Zip:	K1Y4W5			Cont Fax Area Cde:	613
Facility Lat:	45.4038			Contact Fax:	37287419
Facility Long:	-75.7167			Contact Email:	JOHN_CODY@GDM.DE
DLS (Last Filed Rpt):				Latitude:	45.4038
Facility DLS:				Longitude:	-75.7167
Datum:	1983			UTM Zone:	
Facility Cmnts:	Fals			UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	240			Waste Streams:	False
Parent Co.:	Y			No Streams:	
No Parent Co.:	1			Waste Off Sites:	Fals
Pollut Prev Cmnts:	False			No Off Sites:	1.00
Stacks:	False			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):	3231				
NAICS 4 Description:	Printing and related support activities				
NAICS Code (6 digit):	323119				
NAICS 6 Description:	Other printing				
<u>Substance Release Report</u>					
Category Type ID:	13				
Category Type Desc:	All Media				
Category Type Desc (fr):	Rejets à tous les médias				
Grouping:	Total All Media<1t				
Trans Code:					
Chem:	GE - Ethylene glycol butyl ether acetate (EGBEA)				
Chem (fr):	EG - Acétate d'éther butylique d'éthylèneglycol (EGBEA)				
Quantity:	.593				
Unit:	tonnes				
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:	3				
Category Type Desc:	Fugitive				
Category Type Desc (fr):	Émissions fugitives				
Grouping:	Total Air				
Trans Code:	VOCs				
Chem:	MSG#1 - Solvent naphtha medium aliphatic				
Chem (fr):	EMG#1 - Solvant naphtha aliphatique moyen				
Quantity:	4.706				
Unit:	tonnes				
Basis of Estimate Cd:	E2				
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward				
Category Type ID:	13				
Category Type Desc:	All Media				
Category Type Desc (fr):	Rejets à tous les médias				
Grouping:	Total All Media<1t				
Trans Code:					
Chem:	Hexavalent chromium (and its compounds)				
Chem (fr):	Chrome hexavalent (et ses composés)				
Quantity:	.017				
Unit:	kg				
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:	13				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		MSG#1 - Hydrotreated heavy naphtha			
Chem (fr):		EMG#1 - Naphta lourd hydrotraité			
Quantity:		.908			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					

<u>1</u>	51 of 63	-/0.0	68.6 / 0.23	BA BANKNOTE INC. 975 GLADSTONE AVE. NOT AVAILABLE OTTAWA ON K1Y 4W5	NPRI
NPRI ID:	7358			Org ID:	38275
Other ID:	Y			Submit Date:	7/14/2003
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	18366			Contact ID:	168490
Report ID:	163453			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	JOHN
Report Year:	2002			Cont Last Name:	CODY
Not-Current Rpt?:	No			Contact Position:	ENVIRONMENTAL MANAGER
Yr of Last Filed Rpt:	2011			Contact Fax:	6137287419
Fac ID:	141158			Contact Ph.:	6137285854
Fac Name:	NOT AVAILABLE			Cont Area Code:	613
Fac Address1:	975 GLADSTONE AVE.			Contact Tel.:	37285854
Fac Address2:	NOT AVAILABLE			Contact Ext.:	228
Fac Postal Zip:	K1Y 4W5			Cont Fax Area Cde:	613
Facility Lat:				Contact Fax:	37287419
Facility Long:				Contact Email:	JOHN_CODY@GDM.DE
DLS (Last Filed Rpt):				Latitude:	45.4038
Facility DLS:				Longitude:	-75.7167
Datum:	1983			UTM Zone:	
Facility Cmnts:	Fals			UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	240			Waste Streams:	False
Parent Co.:	*			No Streams:	0
No Parent Co.:	1			Waste Off Sites:	Fals
Pollut Prev Cmnts:	False			No Off Sites:	1
Stacks:	False			Shutdown:	False
No of Stacks:				No of Shutdown:	0
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):	3231				
NAICS 4 Description:	Printing and related support activities				
NAICS Code (6 digit):	323119				
NAICS 6 Description:	Other printing				

Substance Release Report

Category Type ID:	3
Category Type Desc:	Fugitive
Category Type Desc (fr):	Émissions fugitives
Grouping:	Total Air
Trans Code:	VOCs
Chem:	Volatile Organic Compounds (VOCs)
Chem (fr):	Composés organiques volatils (COV)
Quantity:	10.1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Unit:		tonnes			
Basis of Estimate Cd:		E E2			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002 ; E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Hexavalent chromium (and its compounds)			
Chem (fr):		Chrome hexavalent (et ses composés)			
Quantity:		11			
Unit:		kg			
Basis of Estimate Cd:		O			
Basis of Estimate Desc:		O- Engineering Estimates			

1	52 of 63	-/0.0	68.6 / 0.23	BA INTERNATIONAL 975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	NPRI
NPRI ID: 7358			Org ID: 38290		
Other ID: Y			Submit Date: 5/31/2009		
No Other ID: 1			Last Modified: 5/29/2015 3:28:24 PM		
Track ID: 69223			Contact ID: 168497		
Report ID: 127541			Cont Type: MED		
Report Type: NPRI			Contact Title:		
Rpt Type ID: 1			Cont First Name: JOHN		
Report Year: 2008			Cont Last Name: CODY		
Not-Current Rpt?: No			Contact Position: QUALITY AND ENVIRONMENTAL MANAGER		
Yr of Last Filed Rpt: 2011			Contact Fax: 6137287419		
Fac ID: 141167			Contact Ph.: 6137285854		
Fac Name: BA INTERNATIONAL			Cont Area Code: 613		
Fac Address1: 975 GLADSTONE AVENUE			Contact Tel.: 37285854		
Fac Address2: NOT AVAILABLE			Contact Ext.:		
Fac Postal Zip: K1Y4W5			Cont Fax Area Cde: 613		
Facility Lat: 45.4038			Contact Fax: 37287419		
Facility Long: -75.7167			Contact Email: JOHN_CODY@GDM.DE		
DLS (Last Filed Rpt):			Latitude: 45.4038		
Facility DLS:			Longitude: -75.7167		
Datum: 1983			UTM Zone:		
Facility Cmnts: No			UTM Northing:		
URL:			UTM Easting:		
No of Empl.: 240			Waste Streams: No		
Parent Co.: Y			No Streams:		
No Parent Co.: 1			Waste Off Sites: Yes		
Pollut Prev Cmnts: No			No Off Sites: 1		
Stacks: No			Shutdown: No		
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): 3231					
NAICS 4 Description: Printing and related support activities					
NAICS Code (6 digit): 323119					
NAICS 6 Description: Other printing					

Substance Release Report

Category Type ID:	13
Category Type Desc:	All Media
Category Type Desc (fr):	Rejets à tous les médias

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Hexavalent chromium (and its compounds)			
Chem (fr):		Chrome hexavalent (et ses composés)			
Quantity:		.012			
Unit:		kg			
Basis of Estimate Cd:					
Basis of Estimate Desc:					

<u>1</u>	53 of 63	-/0.0	68.6 / 0.23	BA BANKNOTE INC. 975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	NPRI
NPRI ID:	7358			Org ID:	38275
Other ID:	Y			Submit Date:	8/6/2004
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	20585			Contact ID:	168490
Report ID:	155066			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	JOHN
Report Year:	2003			Cont Last Name:	CODY
Not-Current Rpt?:	No			Contact Position:	ENVIRONMENTAL MANAGER
Yr of Last Filed Rpt:	2011			Contact Fax:	6137287419
Fac ID:	141159			Contact Ph.:	6137285854
Fac Name:	NOT AVAILABLE			Cont Area Code:	613
Fac Address1:	975 GLADSTONE AVENUE			Contact Tel.:	37285854
Fac Address2:	NOT AVAILABLE			Contact Ext.:	228
Fac Postal Zip:	K1Y4W5			Cont Fax Area Cde:	613
Facility Lat:	45.4038			Contact Fax:	37287419
Facility Long:	-75.7167			Contact Email:	JOHN_CODY@GDM.DE
DLS (Last Filed Rpt):				Latitude:	45.4038
Facility DLS:				Longitude:	-75.7167
Datum:	1983			UTM Zone:	
Facility Cmnts:	False			UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	240			Waste Streams:	True?
Parent Co.:	*			No Streams:	
No Parent Co.:	1			Waste Off Sites:	Fals
Pollut Prev Cmnts:	False			No Off Sites:	1
Stacks:	True			Shutdown:	True
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):	3231				
NAICS 4 Description:	Printing and related support activities				
NAICS Code (6 digit):	323119				
NAICS 6 Description:	Other printing				

Substance Release Report

Category Type ID:	3
Category Type Desc:	Fugitive
Category Type Desc (fr):	Émissions fugitives
Grouping:	Total Air
Trans Code:	VOCs
Chem:	Volatile Organic Compounds (VOCs)
Chem (fr):	Composés organiques volatils (COV)
Quantity:	11.1
Unit:	tonnes
Basis of Estimate Cd:	E2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Hexavalent chromium (and its compounds)			
Chem (fr):		Chrome hexavalent (et ses composés)			
Quantity:		11			
Unit:		kg			
Basis of Estimate Cd:		O			
Basis of Estimate Desc:		O- Engineering Estimates			

<u>1</u>	54 of 63	-/0.0	68.6 / 0.23	BA INTERNATIONAL 975 GLADSTONE AVENUE NOT AVAILABLE OTTAWA ON K1Y4W5	NPRI
NPRI ID:	7358			Org ID:	38290
Other ID:	Y			Submit Date:	6/1/2010
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	86101			Contact ID:	168497
Report ID:	140030			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	JOHN
Report Year:	2009			Cont Last Name:	CODY
Not-Current Rpt?:	No			Contact Position:	QUALITY AND ENVIRONMENTAL MANAGER
Yr of Last Filed Rpt:	2011			Contact Fax:	6137287419
Fac ID:	141167			Contact Ph.:	6137285854
Fac Name:	BA INTERNATIONAL			Cont Area Code:	613
Fac Address1:	975 GLADSTONE AVENUE			Contact Tel.:	37285854
Fac Address2:	NOT AVAILABLE			Contact Ext.:	
Fac Postal Zip:	K1Y4W5			Cont Fax Area Cde:	613
Facility Lat:	45.4038			Contact Fax:	37287419
Facility Long:	-75.7167			Contact Email:	JOHN_CODY@GDM.DE
DLS (Last Filed Rpt):				Latitude:	45.4038
Facility DLS:				Longitude:	-75.7167
Datum:	1983			UTM Zone:	
Facility Cmnts:	Yes			UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	210			Waste Streams:	No
Parent Co.:	Y			No Streams:	
No Parent Co.:	1			Waste Off Sites:	Yes
Pollut Prev Cmnts:	No			No Off Sites:	1
Stacks:	No			Shutdown:	No
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):	3231				
NAICS 4 Description:	Printing and related support activities				
NAICS Code (6 digit):	323119				
NAICS 6 Description:	Other printing				

Substance Release Report

Category Type ID:		13
Category Type Desc:		All Media
Category Type Desc (fr):		Rejets à tous les médias
Grouping:		Total All Media<1t
Trans Code:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Chem: Chem (fr): Quantity: Unit: Basis of Estimate Cd: Basis of Estimate Desc:		Hexavalent chromium (and its compounds) Chrome hexavalent (et ses composés) .003 kg			
<u>1</u>	55 of 63	-/0.0	68.6 / 0.23	B.A. Banknote Inc. 975 Gladstone Ave Ottawa ON K1Y 4W5	SCT
Established: Plant Size (ft²): Employment:		1867 170			
--Details-- Description: SIC/NAICS Code:		Other Printing 323119			
<u>1</u>	56 of 63	-/0.0	68.6 / 0.23	BA International Inc. 975 Gladstone Ave Ottawa ON K1Y 4W5	SCT
Established: Plant Size (ft²): Employment:		1866 170			
--Details-- Description: SIC/NAICS Code:		Other Printing 323119			
<u>1</u>	57 of 63	-/0.0	68.6 / 0.23	B.A. Banknote 975 Gladstone Ave Ottawa ON K1Y 4W5	SCT
Established: Plant Size (ft²): Employment:		1867 170			
--Details-- Description: SIC/NAICS Code:		Other Printing 323119			
<u>1</u>	58 of 63	-/0.0	68.6 / 0.23	B A BANKNOTE 975 GLADSTONE AVE OTTAWA ON K1Y 4W5	SCT
Established: Plant Size (ft²): Employment:		0000 0 252			
--Details-- Description: SIC/NAICS Code:		COMMERCIAL PRINTING, LITHOGRAPHIC 2752			
Description:		COMMERCIAL PRINTING, NOT ELSEWHERE CLASSIFIED			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC/NAICS Code:		2759			
Description:		Other Printing			
SIC/NAICS Code:		323119			
1	59 of 63	-/0.0	68.6 / 0.23	BA International Inc. 975 Gladstone Ave Ottawa ON K1Y 4W5	SCT
Established:		01-AUG-40			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Other Printing			
SIC/NAICS Code:		323119			
1	60 of 63	-/0.0	68.6 / 0.23	349977 Ontario Ltd. 975 Gladstone Ave Ottawa ON K1Y 4W5	SPL
Ref No:		6348-7Q2JKQ		Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:		Unknown		Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:		CAUSTIC SOLUTION (< 20%)		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:				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:		3/11/2009		Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Land Spills
Incident Reason:		Other - Reason not otherwise defined		Source Type:	
Site Name:		BA International Inc.			
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:		Lacombe: 20 L caustic sol'n to pavement. Cleaning.			
Contaminant Qty:		20 L			
1	61 of 63	-/0.0	68.6 / 0.23	BA International Inc. 975 Gladstone Ave Ottawa ON K1Y 4W5	SPL
Ref No:		0352-789G8L		Discharger Report:	
Site No:				Material Group:	Oil
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:		Pipe Or Hose Leak		Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:		15		Nearest Watercourse:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Name: HYDRAULIC OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Other Impact(s) Receiving Medium: Land & Water Receiving Env: MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 10/23/2007 Dt Document Closed: 11/15/2007 Incident Reason: Equipment Failure Site Name: BA International Inc. Site County/District: Site Geo Ref Meth: Incident Summary: BA International: Hydraulic oil to parking lot and drain Contaminant Qty: 10 L Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: NA Easting: NA Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:					
1	62 of 63	-/0.0	68.6 / 0.23	BA International Inc. 975 Gladstone Ave Ottawa ON K1Y 4W5	SPL
Ref No: 3258-76CGWF Site No: Incident Dt: Year: Incident Cause: Other Discharges Incident Event: Contaminant Code: 99 Contaminant Name: CORROSIVE LIQUIDS, N.O.S. 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: Planned Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 8/23/2007 Dt Document Closed: Incident Reason: Process upset Site Name: 122 HWY 53<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Lacombe: small quantity 121 C liquid to parking lot Contaminant Qty: 0 other - see incident description Discharger Report: Material Group: Other Health/Env Conseq: Client Type: Sector Type: Transport Truck Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Brant Site Lot: Site Conc: Northing: NA Easting: NA Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:					
1	63 of 63	-/0.0	68.6 / 0.23	Drain-All Ltd. 975 Gladstone Ave Ottawa ON K1Y 4W5	SPL
Ref No: 7780-7HAJKY Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: 41 Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Other Agency Involved: Nearest Watercourse:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	EFFLUENT (NOT OTHERWISE SPECIFIED) Not Anticipated No Field Response 8/7/2008 9/9/2008 BA International Inc. Drain-All: 50 L effluent sol'n to rd. Cleaning.	Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	Ottawa Ottawa NA NA Land Spills		
<u>2</u>	1 of 1	-0.0	67.9 / -0.43	ON	BORE
Borehole ID: Use: Drill Method: Easting: Location Accuracy: Elev. Reliability Note: Total Depth m: Township: Lot: Completion Date: Primary Water Use:	613126 443881 -999		Type: Status: UTM Zone: Northing: Orig. Ground Elev m: DEM Ground Elev m: Primary Name: Concession: Municipality: Static Water Level: Sec. Water Use:	Borehole 18 5028122 66.9 66.1 8.7	
--Details--					
Stratum ID: Bottom Depth(m):	218393811 0.7		Top Depth(m): Stratum Desc:	0.0 SILT.	
Stratum ID: Bottom Depth(m):	218393812 1.0		Top Depth(m): Stratum Desc:	0.7 GRAVEL.	
Stratum ID: Bottom Depth(m):	218393813 2.4		Top Depth(m): Stratum Desc:	1.0 CLAY. FIRM.	
Stratum ID: Bottom Depth(m):	218393814 2.7		Top Depth(m): Stratum Desc:	2.4 GRAVEL.	
Stratum ID: Bottom Depth(m):	218393815 3.0		Top Depth(m): Stratum Desc:	2.7 CLAY.	
Stratum ID: Bottom Depth(m):	218393816 3.6		Top Depth(m): Stratum Desc:	3.0 GRAVEL. HARD.	
Stratum ID: Bottom Depth(m):	218393817 8.1		Top Depth(m): Stratum Desc:	3.6 GRAVEL.	
Stratum ID: Bottom Depth(m):	218393818		Top Depth(m): Stratum Desc:	8.1 BEDROCK. 013 00005 021 00050 081 000100670000500900050049COMPACT, WATER STABLE AT	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 1	-/0.0	66.9 / -1.49	ON	BORE
Borehole ID:	613129			Type:	Borehole
Use:				Status:	
Drill Method:				UTM Zone:	18
Easting:	443911			Northing:	5028142
Location Accuracy:				Orig. Ground Elev m:	65.5
Elev. Reliability Note:				DEM Ground Elev m:	65.3
Total Depth m:	-999			Primary Name:	
Township:				Concession:	
Lot:				Municipality:	
Completion Date:				Static Water Level:	7.4
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	218393823			Top Depth(m):	0.0
Bottom Depth(m):	0.6			Stratum Desc:	SILT.
Stratum ID:	218393824			Top Depth(m):	0.6
Bottom Depth(m):	1.5			Stratum Desc:	GRAVEL.
Stratum ID:	218393825			Top Depth(m):	1.5
Bottom Depth(m):	4.7			Stratum Desc:	GRAVEL. COMPACT.
Stratum ID:	218393826			Top Depth(m):	4.7
Bottom Depth(m):	4.9			Stratum Desc:	SAND.
Stratum ID:	218393827			Top Depth(m):	4.9
Bottom Depth(m):	5.0			Stratum Desc:	GRAVEL. HARD.
Stratum ID:	218393828			Top Depth(m):	5.0
Bottom Depth(m):				Stratum Desc:	BEDROCK. BEDROCK. 013 00005 021 00050 081 000100670000500900050049COMPACT, W
4	1 of 1	-/0.0	67.9 / -0.49	ON	BORE
Borehole ID:	613116			Type:	Borehole
Use:				Status:	
Drill Method:				UTM Zone:	18
Easting:	443941			Northing:	5028042
Location Accuracy:				Orig. Ground Elev m:	61.5
Elev. Reliability Note:				DEM Ground Elev m:	68.1
Total Depth m:	-999			Primary Name:	
Township:				Concession:	
Lot:				Municipality:	
Completion Date:				Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	218393781			Top Depth(m):	3.8
Bottom Depth(m):	4.3			Stratum Desc:	CLAY.
Stratum ID:	218393782			Top Depth(m):	4.3
Bottom Depth(m):				Stratum Desc:	BEDROCK. FEET.SAND. GRAVEL. COMPACT. GRAVEL. COMPACT. FIBROUS. SAND. GREY,COMPACT.
Stratum ID:	218393779			Top Depth(m):	0.0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth(m):	3.4			Stratum Desc:	CLAY. HARD.
Stratum ID:	218393780			Top Depth(m):	3.4
Bottom Depth(m):	3.8			Stratum Desc:	PEBBLES.

5	1 of 1	E/3.2	66.9 / -1.43	OTTAWA ON	WWIS
Well ID:	7245909			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	8/5/2015
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7238
Casing Material:				Form Version:	7
Audit No:	Z199797			Owner:	
Tag:	A175220			Street Name:	975 GLADSTON AVE
Construction Method:				County:	OTTAWA-CARLETON
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:					

Bore Hole Information

Bore Hole ID:	1005538753	Elevation:	66.03
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	443940
Code OB Desc:		North83:	5028103
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	02-JUL-15	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:	1005652323
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	91
Other Materials:	WATER-BEARING
Formation Top Depth:	10
Formation End Depth:	18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005652324			
Layer:		4			
Color:					
General Color:					
Mat1:		26			
Most Common Material:		ROCK			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		18			
Formation End Depth:		18.167			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005652321			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		8			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005652322			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		8			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005652331			
Layer:		1			
Plug From:		18			
Plug To:		6			
Plug Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005652332			
Layer:		2			
Plug From:		6			
Plug To:		0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005652330			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005652320			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005652327			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		8			
Depth To:		0			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005652328			
Layer:		1			
Slot:		10			
Screen Top Depth:		18			
Screen End Depth:		8			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
<u>Water Details</u>					
Water ID:		1005652326			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1005652325			
Diameter:		8			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		0			
Depth To:		18			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
6	1 of 1	NE/3.9	67.2 / -1.16	OTTAWA ON	WWIS
Well ID:	7245908			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/5/2015
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7238
Casing Material:				Form Version:	7
Audit No:	Z199795			Owner:	
Tag:	A175222			Street Name:	975 GLADSTONE AVE.
Construction Method:				County:	OTTAWA-CARLETON
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1005538750			Elevation:	65.3
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	443930
Code OB Desc:				North83:	5028129
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	03-JUL-15			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005652272				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	06				
Other Materials:	SILT				
Mat3:	91				
Other Materials:	WATER-BEARING				
Formation Top Depth:	10				
Formation End Depth:	22				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005652270			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		4			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005652271			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		4			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005652278			
Layer:		1			
Plug From:		22			
Plug To:		8			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005652279			
Layer:		2			
Plug From:		8			
Plug To:		0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005652277			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		1005652269			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005652275			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		12			
Depth To:		0			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005652276			
Layer:		1			
Slot:		10			
Screen Top Depth:		22			
Screen End Depth:		12			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
<u>Water Details</u>					
Water ID:		1005652274			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1005652273			
Diameter:		8			
Depth From:		0			
Depth To:		22			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
7	1 of 1	ENE/4.1	67.2 / -1.16	OTTAWA ON	WWIS
Well ID:	7245907			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	8/5/2015
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7238
Casing Material:				Form Version:	7
Audit No:	Z199796			Owner:	
Tag:	A175221			Street Name:	975 GLADSTON AVE
Construction Method:				County:	OTTAWA-CARLETON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	NEPEAN TOWNSHIP
Bore Hole Information					
Bore Hole ID: 1005538747 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 03-JUL-15 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevation: 65.67 Elevrc: Zone: 18 East83: 443936 North83: 5028115 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	
Overburden and Bedrock					
Materials Interval					
Formation ID: 1005652258 Layer: 1 Color: 6 General Color: BROWN Mat1: 02 Most Common Material: TOPSOIL Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 0 Formation End Depth: 6 Formation End Depth UOM: ft					
Overburden and Bedrock					
Materials Interval					
Formation ID: 1005652259 Layer: 2 Color: 6 General Color: BROWN Mat1: 05 Most Common Material: CLAY Mat2: 01 Other Materials: FILL Mat3: Other Materials: Formation Top Depth: 6 Formation End Depth: 10 Formation End Depth UOM: ft					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005652260			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		10			
Formation End Depth:		20.9			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005652267			
Layer:		1			
Plug From:		20.75			
Plug To:		7			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005652268			
Layer:		2			
Plug From:		7			
Plug To:		0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005652266			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005652257			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005652263			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		10.75			
Depth To:		0			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:		1005652264			
Layer:		1			
Slot:		10			
Screen Top Depth:		20.75			
Screen End Depth:		10.75			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
<u>Water Details</u>					
Water ID:		1005652262			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1005652261			
Diameter:		8			
Depth From:		0			
Depth To:		20.75			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>8</u>	1 of 1	E/4.2	67.6 / -0.79	OTTAWA ON	WWIS
Well ID:	7245910			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	8/5/2015
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	0			Abandonment Rec:	
Water Type:				Contractor:	7238
Casing Material:				Form Version:	7
Audit No:	Z199798			Owner:	
Tag:	A175219			Street Name:	975 GLADSTONE AVE.
Construction Method:				County:	OTTAWA-CARLETON
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1005538756			Elevation:	66.56
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	443948
Code OB Desc:				North83:	5028086

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	02-JUL-15			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005652456			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		84			
Other Materials:		SILTY			
Mat3:					
Other Materials:					
Formation Top Depth:		6			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005652457			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		10			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005652455			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		6			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005652458			
Layer:		4			
Color:					
General Color:					
Mat1:		26			
Most Common Material:		ROCK			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		18			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005652466			
Layer:		2			
Plug From:		6			
Plug To:		0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005652465			
Layer:		1			
Plug From:		18			
Plug To:		6			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005652464			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005652454			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005652461			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		8			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:	1005652462				
Layer:	1				
Slot:	10				
Screen Top Depth:	8				
Screen End Depth:	18				
Screen Material:	5				
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	2				
<u>Water Details</u>					
Water ID:	1005652460				
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:	ft				
<u>Hole Diameter</u>					
Hole ID:	1005652459				
Diameter:	8				
Depth From:	0				
Depth To:	18				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				
9	1 of 1	NE/5.1	67.0 / -1.40	OTTAWA ON	WWIS
Well ID:	7245911			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	8/5/2015
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7238
Casing Material:				Form Version:	7
Audit No:	Z199820			Owner:	
Tag:	A175223			Street Name:	975 GLADESTONE AVE
Construction Method:				County:	OTTAWA-CARLETON
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1005538759			Elevation:	65.02
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	443926
Code OB Desc:				North83:	5028142
Open Hole:				Org CS:	UTM83

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:			UTMRC:		4
Date Completed:	06-JUL-15			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:			Location Method:		wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1005652470					
Layer: 3					
Color: 2					
General Color: GREY					
Mat1: 05					
Most Common Material: CLAY					
Mat2: 06					
Other Materials: SILT					
Mat3: 91					
Other Materials: WATER-BEARING					
Formation Top Depth: 10					
Formation End Depth: 23					
Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1005652469					
Layer: 2					
Color: 6					
General Color: BROWN					
Mat1: 05					
Most Common Material: CLAY					
Mat2: 06					
Other Materials: SILT					
Mat3:					
Other Materials:					
Formation Top Depth: 6					
Formation End Depth: 10					
Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1005652468					
Layer: 1					
Color: 6					
General Color: BROWN					
Mat1: 02					
Most Common Material: TOPSOIL					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth: 0					
Formation End Depth: 6					
Formation End Depth UOM: ft					
Annular Space/Abandonment					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Sealing Record</u>					
Plug ID:		1005652478			
Layer:		2			
Plug From:		11			
Plug To:		0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005652477			
Layer:		1			
Plug From:		23			
Plug To:		11			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1005652476			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005652467			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005652473			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		13			
Depth To:		0			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005652474			
Layer:		1			
Slot:		10			
Screen Top Depth:		23			
Screen End Depth:		13			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
<u>Water Details</u>					
Water ID:		1005652472			
Layer:					
Kind Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind: Water Found Depth: Water Found Depth UOM: ft					
Hole Diameter					
Hole ID: 1005652471 Diameter: 8 Depth From: 0 Depth To: 23 Hole Depth UOM: ft Hole Diameter UOM: inch					
10	1 of 1	WSW/12.5	68.1 / -0.31	City of Ottawa Breezehill Ave N between Laurel and Gladstone Ottawa ON	SPL
Ref No: 0381-83NPSF Site No: Incident Dt: Year: Incident Cause: Discharge Or Bypass To A Watercourse Incident Event: Contaminant Code: 41 Contaminant Name: PAINT AND PIGMENT WASTES Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Surface Water Pollution Receiving Medium: Receiving Env: MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 3/18/2010 Dt Document Closed: 4/20/2010 Incident Reason: Negligence (Apparent) - Caused by lack of diligence Site Name: Spill site<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Spill of paint to storm system Contaminant Qty:					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Other Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Watercourse Spills Source Type:					
11	1 of 1	N/17.5	65.1 / -3.25	ON	BORE
Borehole ID: 613137 Use: Drill Method: Easting: 443911 Location Accuracy: Elev. Reliability Note: Total Depth m: -999 Township: Lot: Completion Date: Primary Water Use:					
Type: Borehole Status: UTM Zone: 18 Northing: 5028212 Orig. Ground Elev m: 0 DEM Ground Elev m: 62.9 Primary Name: Concession: Municipality: Static Water Level: -58 Sec. Water Use:					
12	1 of 1	SE/18.9	68.3 / -0.09	MR GAS LIMITED ATTN LILIANNE LEVAC	PRT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
971 GLADSTONE AV OTTAWA ON K1Y 3E5 Location ID: 10944 Type: retail Expiry Date: 1994-06-30 Capacity (L): 45400 Licence #: 0010002008					
13	1 of 1	E/20.6	66.7 / -1.64	OTTAWA ON	WWIS
Well ID: 1535405 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Observation Wells Water Type: Casing Material: Audit No: Z20840 Tag: A011954 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: 3/22/2005 Selected Flag: Yes Abandonment Rec: Contractor: 1844 Form Version: 3 Owner: Street Name: 1010 SOMERSET ET W County: OTTAWA-CARLETON Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 11315944 DP2BR: Spatial Status: Code OB: Code OB Desc: No formation data Open Hole: Cluster Kind: Date Completed: 18-AUG-04 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Elevation: 66.02 Elevrc: Zone: 18 East83: 443960 North83: 5028100 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr					
<u>Method of Construction & Well Use</u>					
Method Construction ID: 961535405 Method Construction Code: 5 Method Construction: Air Percussion Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID: 11330799					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930855169			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:					
Casing Diameter:		5			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		933412025			
Layer:		1			
Slot:		#10			
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.5			
<u>14</u>	1 of 1	NNE/28.1	65.2 / -3.16	Buchanan Lighting Ltd. 129 Loretta Ave N Ottawa ON K1Y 2J7	SCT
Established:		01-DEC-71			
Plant Size (ft²):		6000			
Employment:					
 <u>--Details--</u>					
Description:		Electrical Wiring and Construction Supplies Wholesaler-Distributors			
SIC/NAICS Code:		416110			
Description:		Professional Machinery, Equipment and Supplies Wholesaler-Distributors			
SIC/NAICS Code:		417930			
Description:		Electrical Wiring and Construction Supplies Wholesaler-Distributors			
SIC/NAICS Code:		416110			
<u>15</u>	1 of 1	NNE/35.3	65.6 / -2.79	Beacon Lite Ltd. 131 Loretta Ave N Ottawa ON K1Y 2J7	SCT
Established:		01-JUL-64			
Plant Size (ft²):		10000			
Employment:					
 <u>--Details--</u>					
Description:		Industrial Machinery, Equipment and Supplies Wholesaler-Distributors			
SIC/NAICS Code:		417230			
Description:		Sign Manufacturing			
SIC/NAICS Code:		339950			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description: SIC/NAICS Code:		Other Commercial and Industrial Machinery and Equipment Rental and Leasing 532490			
16	1 of 1	SW/36.7	68.9 / 0.51	150 BREEZEHILL AVENUE NORTH OTTAWA ON K1Y 2H8	HINC
External File Num:		FS INC 0905-02838			
Fuel Occurrence Type:					
Date of Occurrence:					
Fuel Type Involved:					
Status Desc:		Pending Level 1 Occurrence Investigation			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:					
Service Interruptions:					
Property Damage:					
Fuel Life Cycle Stage:					
Root Cause:					
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
17	1 of 1	NNE/37.5	65.6 / -2.79	131 Loretta Avenue Ottawa ON	EHS
Order No:		20130205035		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Select Report		Client Prov/State: ON	
Report Date:		14-FEB-13		Search Radius (km): .25	
Date Received:		05-FEB-13		X: -75.716288	
Previous Site Name:				Y: 45.404911	
Lot/Building Size:		0.22 acre			
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; Title Searches; Topographic Maps; City Directory; Aerial Photos			
18	1 of 1	NW/39.8	65.7 / -2.64	907462 ONTARIO LIMITED 111-113 BREEZEHILL AVE.N., SWM OTTAWA CITY ON K1Y 2H6	CA
Certificate #:		3-0953-97-			
Application Year:		97			
Issue Date:		9/9/1997			
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
19	1 of 1	ENE/41.7	65.9 / -2.49	lot 39 con 1 ON	WWIS
Well ID: 7292789 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: C36226 Tag: A198420 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: Data Entry Status: Yes Data Src: Date Received: 8/17/2017 Selected Flag: Yes Abandonment Rec: Contractor: 7543 Form Version: 8 Owner: Street Name: County: OTTAWA-CARLETON Municipality: NEPEAN TOWNSHIP Site Info: Lot: 039 Concession: 01 Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1006712664 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Elevation: 64.17 Elevrc: Zone: 18 East83: 443968 North83: 5028136 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr					
20	1 of 3	NNW/42.0	66.0 / -2.40	Grandtech Auto Inc. 111 Breezehill Avenue North Ottawa ON K1Y 2H6	CA
Certificate #: 6533-5TGM3J Application Year: 2003 Issue Date: 11/21/2003 Approval Type: Air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
20	2 of 3	NNW/42.0	66.0 / -2.40	Grandtech Auto Inc. 111 Breezehill Avenue North Suite 3-4 Ottawa	EBR

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Ontario K1Y 2H6 Ottawa ON	
EBR Registry No:	IA03E0588			Proposal Date:	May 02, 2003
Ministry Ref. No:	8463-5M5SK5			Notice Pub Date:	December 03, 2003
Notice Type:	Instrument Decision			Year:	2003
Company Name:	Grandtech Auto Inc.				
Proponent Name:					
Proponent Address:	111 Breezehill Avenue North , 3-4, Ottawa Ontario, K1Y 2H6				
Instrument Type:	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)				
Location Other:					
URL:					
Location:					
111 Breezehill Avenue North Suite 3-4 Ottawa Ontario K1Y 2H6 Ottawa					
20	3 of 3	NNW/42.0	66.0 / -2.40	Grandtech Auto Inc. 111 Breezehill Avenue North Ottawa ON K1Y 2H6	ECA
Approval No:	6533-5TGM3J			MOE District:	Ottawa
Approval Date:	2003-11-21			City:	Ottawa
Status:	Approved			Longitude:	-75.718575
Record Type:	ECA			Latitude:	45.40595
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-AIR				
Project Type:	AIR				
Address:	111 Breezehill Avenue North				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8463-5M5SK5-14.pdf				
21	1 of 9	ESE/44.8	67.2 / -1.18	MR GAS LIMITED ** 971 GLADSTONE AV OTTAWA ON K1Y 3E5	EXP
Instance No:	10902896				
Instance ID:					
Instance Type:	FS Liquid Fuel Tank				
Description:					
Status:	EXPIRED				
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:	6/17/1993				
21	2 of 9	ESE/44.8	67.2 / -1.18	MR GAS LIMITED ** 971 GLADSTONE AV OTTAWA ON	EXP
Instance No:	10902920				
Instance ID:	51537				
Instance Type:	FS Piping				
Description:	FS Piping				
Status:	EXPIRED				
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	3 of 9	ESE/44.8	67.2 / -1.18	MR GAS LIMITED ** 971 GLADSTONE AV OTTAWA ON	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10902905 51114 FS Piping FS Piping EXPIRED 			
21	4 of 9	ESE/44.8	67.2 / -1.18	MR GAS LIMITED ** 971 GLADSTONE AV OTTAWA ON K1Y 3E5	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		9453941 FS Facility EXPIRED 6/17/1993			
21	5 of 9	ESE/44.8	67.2 / -1.18	MR GAS LIMITED ** 971 GLADSTONE AV OTTAWA ON K1Y 3E5	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10902914 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 6/17/1993			
21	6 of 9	ESE/44.8	67.2 / -1.18	MR GAS LIMITED ** 971 GLADSTONE AV OTTAWA ON K1Y 3E5	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10902896 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 6/17/1993			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	7 of 9	ESE/44.8	67.2 / -1.18	MR GAS LIMITED ** 971 GLADSTONE AV OTTAWA ON K1Y 3E5	EXP
Instance No:		10902914			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		6/17/1993			
21	8 of 9	ESE/44.8	67.2 / -1.18	Sportive Sportswear Manufacturers Inc. 155A Loretta Ave N Ottawa ON K1Y 2J7	SCT
Established:		1984			
Plant Size (ft²):		3200			
Employment:		20			
21	9 of 9	ESE/44.8	67.2 / -1.18	SPORTIVE SPORTSWEAR MFG INC. 155A LORETTA AVE N OTTAWA ON K1Y 2J7	SCT
Established:		1984			
Plant Size (ft²):		3200			
Employment:		14			
--Details--					
Description:		All Other Cut and Sew Clothing Manufacturing			
SIC/NAICS Code:		315299			
Description:		MEN'S AND BOYS' CLOTHING, NOT ELSEWHERE CLASSIFIED			
SIC/NAICS Code:		2329			
Description:		WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR, NOT ELSEWHERE CLASSIFIED			
SIC/NAICS Code:		2339			
Description:		Cut and Sew Clothing Contracting			
SIC/NAICS Code:		315210			
Description:		Men's and Boys' Cut and Sew Shirt Manufacturing			
SIC/NAICS Code:		315226			
Description:		Men's and Boys' Cut and Sew Trouser, Slack and Jean Manufacturing			
SIC/NAICS Code:		315227			
Description:		Other Men's and Boys' Cut and Sew Clothing Manufacturing			
SIC/NAICS Code:		315229			
Description:		Women's and Girls' Cut and Sew Blouse and Shirt Manufacturing			
SIC/NAICS Code:		315232			
Description:		Other Women's and Girls' Cut and Sew Clothing Manufacturing			
SIC/NAICS Code:		315239			
22	1 of 14	ENE/48.6	66.7 / -1.64	145 Loretta Avenue North Ottawa ON	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 20120329007 Status: C Report Type: Custom Report Report Date: 4/4/2012 9:34:30 AM Date Received: 3/29/2012 9:32:56 AM Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.716187 Y: 45.404308					
22	2 of 14	ENE/48.6	66.7 / -1.64	TerraPro Corporation 145 Loretta Ave. North Ottawa ON	GEN
Generator No: ON4523321 Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 561730 SIC Description: LANDSCAPING SERVICES					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
--Details--					
Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS					
Waste Code: 213 Waste Description: PETROLEUM DISTILLATES					
22	3 of 14	ENE/48.6	66.7 / -1.64	TerraPro Corporation 145 Loretta Ave. North Ottawa ON K1Y 2J7	GEN
Generator No: ON4523321 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 561730 SIC Description: Landscaping Services					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
--Details--					
Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS					
Waste Code: 213 Waste Description: PETROLEUM DISTILLATES					
22	4 of 14	ENE/48.6	66.7 / -1.64	TerraPro Corporation 145 Loretta Ave. North Ottawa ON K1Y 2J7	GEN
Generator No: ON4523321 Status: Approval Years: 2014 Contam. Facility: No MHSW Facility: No SIC Code: 561730 SIC Description: LANDSCAPING SERVICES					
PO Box No: Country: Canada Choice of Contact: CO_ADMIN Co Admin: Hank Mollema Phone No Admin: (613) 248-8383 Ext.221					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
22	5 of 14	ENE/48.6	66.7 / -1.64	TerraPro Corporation 145 Loretta Ave. North Ottawa ON	GEN
Generator No:	ON4523321			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	561730				
SIC Description:	Landscaping Services				
--Details--					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
22	6 of 14	ENE/48.6	66.7 / -1.64	TerraPro Corporation 145 Loretta Ave. North Ottawa ON K1Y 2J7	GEN
Generator No:	ON4523321			PO Box No:	
Status:				Country:	
Approval Years:	03,04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	561730				
SIC Description:	Landscaping Services				
--Details--					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
22	7 of 14	ENE/48.6	66.7 / -1.64	TerraPro Corporation 145 Loretta Ave. North Ottawa ON	GEN
Generator No:	ON4523321			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	561730				
SIC Description:	Landscaping Services				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
22	8 of 14	ENE/48.6	66.7 / -1.64	DST Group Inc 145 Loretta Ave Ottawa ON K1Y 4W5	GEN
Generator No:	ON4749433			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:					
--Details--					
Waste Code:		251 L			
Waste Description:		Waste oils/sludges (petroleum based)			
22	9 of 14	ENE/48.6	66.7 / -1.64	TerraPro Corporation 145 Loretta Ave. North Ottawa ON	GEN
Generator No:	ON4523321			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	561730				
SIC Description:	Landscaping Services				
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
22	10 of 14	ENE/48.6	66.7 / -1.64	TERRA PRO CORPORATION 145 LORETTA AVE N OTTAWA ON K1Y2J7	PES
Billing No:	053030			Op Municipality:	
Trade Name:				Operator Region:	
Licence No:	05112			Operator District:	
Detail Licence No:				Operator County:	
Licence Type Code:	01			Oper Area Code:	613
Licence Type:	Operator			Oper Phone No:	2488383
Licence Class:	06			Operator Ext:	
Licence Control:				Region:	
Operator No:				County:	
Operator Class:				District:	
Operator Type:				Lot:	
Operator Lot:				Concession:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Oper Concession: Operator Box:				Post Office Box: Report Source:	Legacy Licenses (Excluding TS)
22	11 of 14	ENE/48.6	66.7 / -1.64	TERRA PRO CORPORATION 145 LORETTA AVE N OTTAWA ON K1Y2J7	PES
Billing No: 053030 Trade Name: Licence No: 05112 Detail Licence No: Licence Type Code: 02 Licence Type: Operator Licence Class: 01 Licence Control: Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box:		Op Municipality: Operator Region: Operator District: Operator County: Oper Area Code: 613 Oper Phone No: 2488383 Operator Ext: Region: County: District: Lot: Concession: Post Office Box: Report Source:		Legacy Licenses (Excluding TS)	
22	12 of 14	ENE/48.6	66.7 / -1.64	TERRAPRO CORPORATION 145 LORETTA AVENUE NORTH OTTAWA ON K1Y2J7	PES
Billing No: 053786 Trade Name: Licence No: 05875 Detail Licence No: Licence Type Code: 02 Licence Type: Operator Licence Class: 01 Licence Control: Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box:		Op Municipality: Operator Region: Operator District: Operator County: Oper Area Code: 613 Oper Phone No: 2488383 Operator Ext: Region: County: District: Lot: Concession: Post Office Box: Report Source:		Legacy Licenses (Excluding TS)	
22	13 of 14	ENE/48.6	66.7 / -1.64	TERRA PRO CORPORATION 145 LORETTA AVE N OTTAWA ON K1Y 2J7	PES
Billing No: Trade Name: Licence No: Detail Licence No: Licence Type Code: 02 Licence Type: Operator Licence Class: Licence Control: Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box:		Op Municipality: Operator Region: Operator District: Operator County: Oper Area Code: Oper Phone No: Operator Ext: Region: County: District: Lot: Concession: Post Office Box: Report Source:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	14 of 14	ENE/48.6	66.7 / -1.64	TERRAPRO CORPORATION 145 LORETTA AVENUE NORTH OTTAWA ON K1Y 2J7	PES
Billing No: Trade Name: Licence No: Detail Licence No: Licence Type Code: 02 Licence Type: Operator Licence Class: Licence Control: Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box:		Op Municipality: Operator Region: Operator District: Operator County: Oper Area Code: Oper Phone No: Operator Ext: Region: County: District: Lot: Concession: Post Office Box: Report Source:			
23	1 of 1	SE/49.8	68.5 / 0.12	ON	BORE
Borehole ID: 808369 Use: Geotechnical/Geological Investigation Drill Method: Hollow stem auger Easting: 444015.36 Location Accuracy: Elev. Reliability Note: Total Depth m: 4.6 Township: Lot: Completion Date: 14-AUG-2003 Primary Water Use:		Type: Borehole Status: UTM Zone: 18 Northing: 5027989.44 Orig. Ground Elev m: 100 DEM Ground Elev m: 68.6 Primary Name: LRBH 03-1 Concession: Municipality: Static Water Level: 2.9 Sec. Water Use:			
--Details--					
Stratum ID: 218596110 Bottom Depth(m): 0.2		Top Depth(m): 0.0 Stratum Desc: Asphalt			
Stratum ID: 218596111 Bottom Depth(m): 0.6		Top Depth(m): 0.2 Stratum Desc: Grey Compact Fill-Misc Sand - Gravel			
Stratum ID: 218596112 Bottom Depth(m): 1.8		Top Depth(m): 0.6 Stratum Desc: Brown Compact Fill-Misc Sand Trace: Gr			
Stratum ID: 218596113 Bottom Depth(m): 2.9		Top Depth(m): 1.8 Stratum Desc: Grey-Brown Very Stiff Weathered Crust Silty Clay			
Stratum ID: 218596114 Bottom Depth(m): 4.6		Top Depth(m): 2.9 Stratum Desc: Grey Loose Till Silt - Sand Trace: Cl Tr Gr			
24	1 of 1	SE/52.2	68.5 / 0.12	ON	BORE
Borehole ID: 808372 Use: Geotechnical/Geological Investigation Drill Method: Hollow stem auger Easting: 444022.05 Location Accuracy: Elev. Reliability Note:		Type: Borehole Status: UTM Zone: 18 Northing: 5027998.32 Orig. Ground Elev m: 99.9 DEM Ground Elev m: 68.2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Total Depth m: Township: Lot: Completion Date: Primary Water Use:	4.6 18-AUG-2003			Primary Name: Concession: Municipality: Static Water Level: Sec. Water Use:	LRBH 03-3 3
--Details--					
Stratum ID: Bottom Depth(m):	218596124 0.2			Top Depth(m): Stratum Desc:	0.0 Asphalt
Stratum ID: Bottom Depth(m):	218596125 2.3			Top Depth(m): Stratum Desc:	0.2 Grey-Brown Compact to Dense Fill-Misc Sand - Gravel Trace: Si
Stratum ID: Bottom Depth(m):	218596126 2.4			Top Depth(m): Stratum Desc:	2.3 Grey-Brown Loose to Compact Till sand silt With: Cob W Blds Trace: Cl Tr Gr
Stratum ID: Bottom Depth(m):	218596127 4.0			Top Depth(m): Stratum Desc:	2.4 Grey-Brown Very Stiff Weathered Crust Silty Clay
Stratum ID: Bottom Depth(m):	218596128 4.6			Top Depth(m): Stratum Desc:	4.0 Grey-Brown Hard Till sand silt Trace: Cl Tr Gr
25	1 of 2	SE/55.8	69.9 / 1.51	City of Ottawa Champagne Avenue Ottawa ON K2G 6J8	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:	5338-62WKGB 2004-07-20 Approved ECA IDS Rideau Valley ECA-Municipal Drinking Water Systems Municipal Drinking Water Systems Champagne Avenue			MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	Ottawa Ottawa -75.7155 45.403
25	2 of 2	SE/55.8	69.9 / 1.51	City of Ottawa From Gladstone Avenue to the South Dead-End at Highway 417 Ottawa ON K2G 6J8	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:	8669-7XJPN2 2009-11-06 Approved ECA IDS Rideau Valley ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS From Gladstone Avenue to the South Dead-End at Highway 417 https://www.accessenvironment.ene.gov.on.ca/instruments/0986-7S2KEM-14.pdf			MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	Ottawa Ottawa -75.7155 45.403
26	1 of 1	E/56.9	66.6 / -1.79	951 Gladstone Avenue & 145 Loretta Avenue North	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ottawa ON					
Order No:	20170605066			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	RSC Report (Urban)			Client Prov/State:	ON
Report Date:	09-JUN-17			Search Radius (km):	.25
Date Received:	05-JUN-17			X:	-75.715549
Previous Site Name:				Y:	45.404125
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
27	1 of 3	ESE/60.6	66.9 / -1.49	DST Group Inc 951 Gladstone Ave Ottawa ON K1Y 3E5	GEN
Generator No:	ON8186657			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:					
27	2 of 3	ESE/60.6	66.9 / -1.49	LOVE PRINTING SERVICE LTD. 951 GLADSTONE AVENUE OTTAWA ON K1Y 3E5	GEN
Generator No:	ON0607900			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:	0007				
SIC Description:	LETTER ACKNOWLEDG.				
27	3 of 3	ESE/60.6	66.9 / -1.49	LOVE PRINTING (OUT OF BUS) 24-265 951 GLADSTONE AVENUE OTTAWA ON K1Y 3E5	GEN
Generator No:	ON0607900			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96,97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	2841				
SIC Description:	NEWSPAPER, ETC. IND.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
28	1 of 4	SE/61.4	68.4 / -0.01	DAVID BERMAN TYPOGRAPHICS LIMITED 950 GLADSTONE AVENUE 3RD FLOOR OTTAWA ON K1Y 3E6	GEN
Generator No: ON0861503 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:			
--Details--					
Waste Code: 264					
Waste Description: PHOTOPROCESSING WASTES					
28	2 of 4	SE/61.4	68.4 / -0.01	DAVID BERMAN TYPOGRAPHICS LTD. 950 GLADSTONE AVE., 3RD FLOOR OTTAWA ON K1Y 3E6	GEN
Generator No: ON0861503 Status: Approval Years: 94,95,96,97,98 Contam. Facility: MHSW Facility: SIC Code: 2819 SIC Description: OTHER COMM. PRINTING		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
--Details--					
Waste Code: 264					
Waste Description: PHOTOPROCESSING WASTES					
28	3 of 4	SE/61.4	68.4 / -0.01	TRADER MEDIA CORP. 950 GLADSTONE AVE OTTAWA ON K1Y 3E6	SCT
Established: 0000 Plant Size (ft²): 0 Employment: 20					
--Details--					
Description: Periodical Publishers					
SIC/NAICS Code: 511120					
28	4 of 4	SE/61.4	68.4 / -0.01	DAVID BERMAN TYPOGRAPHICS LTD. 950 GLADSTONE AVE OTTAWA ON K1Y 3E6	SCT
Established: 0000 Plant Size (ft²): 0 Employment: 0					
--Details--					
Description: Support Activities for Printing					
SIC/NAICS Code: 323120					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
29	1 of 3	S/62.9	71.0 / 2.62	G P CYCLE 17-460 1004 GLADSTONE AVE. OTTAWA ON K1Y 3E9	GEN
Generator No: ON1401000 Status: Approval Years: 92,93,94,95,96,97,98 Contam. Facility: MHSW Facility: SIC Code: 6542 SIC Description: BICYCLE SHOPS		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
--Details-- Waste Code: 213 Waste Description: PETROLEUM DISTILLATES					
29	2 of 3	S/62.9	71.0 / 2.62	G P CYCLE 1004 GLADSTONE AVE. OTTAWA ON K1Y 3E9	GEN
Generator No: ON1401000 Status: Approval Years: 90 Contam. Facility: MHSW Facility: SIC Code: 6542 SIC Description: BICYCLE SHOPS		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
--Details-- Waste Code: 213 Waste Description: PETROLEUM DISTILLATES					
29	3 of 3	S/62.9	71.0 / 2.62	G P CYCLE 1004 GLADSTONE AVENUE OTTAWA ON K1Y 3E9	GEN
Generator No: ON1401000 Status: Approval Years: 99,00,01 Contam. Facility: MHSW Facility: SIC Code: 6542 SIC Description: BICYCLE SHOPS		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
--Details-- Waste Code: 213 Waste Description: PETROLEUM DISTILLATES					
30	1 of 1	SE/63.1	68.4 / -0.01	ON	BORE
Borehole ID: 808371 Use: Geotechnical/Geological Investigation Drill Method: Hollow stem auger Easting: 444030.19 Location Accuracy: Elev. Reliability Note:		Type: Borehole Status: UTM Zone: 18 Northing: 5027989.17 Orig. Ground Elev m: 100 DEM Ground Elev m: 68.4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Total Depth m: Township: Lot: Completion Date: Primary Water Use:	4.6 15-AUG-2003			Primary Name: LRBH 03-2 Concession: Municipality: Static Water Level: 3.1 Sec. Water Use:	
--Details-- Stratum ID: Bottom Depth(m):	218596121 0.2			Top Depth(m): 0.0 Stratum Desc: Asphalt	
Stratum ID: Bottom Depth(m):	218596122 3.0			Top Depth(m): 0.2 Stratum Desc: Grey-Brown Compact Fill-Misc Sand - Gravel With: Si W Cob W Blds	
Stratum ID: Bottom Depth(m):	218596123 4.6			Top Depth(m): 3.0 Stratum Desc: Grey-Brown Loose to Compact Till sand silt With: Cob W Blds Trace: Cl Tr Gr	
31	1 of 10	NNW/71.1	64.6 / -3.79	LEBRUN BUILDING SERVICES 75 G Breezehill North Ottawa ON K1Y 2H7	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1423690 02,03,04,05,06			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details-- Waste Code: Waste Description:	212 ALIPHATIC SOLVENTS				
31	2 of 10	NNW/71.1	64.6 / -3.79	CARQUEST CANADA LTD. AUTO PAINT SUPPLY 35A LAUREL STREET OTTAWA ON K1Y 4M4	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2231902 99,00,01 3259 OTHER VEHICLE ACCES.			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details-- Waste Code: Waste Description:	145 PAINT/PIGMENT/COATING RESIDUES				
31	3 of 10	NNW/71.1	64.6 / -3.79	MCKERLIE-MILLEN INC. 35A LAUREL STREET OTTAWA ON K1Y 4M4	GEN
Generator No: Status: Approval Years: Contam. Facility:	ON0212446 96,97			PO Box No: Country: Choice of Contact: Co Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility: SIC Code: SIC Description:	3259			Phone No Admin:	
		OTHER VEHICLE ACCES.			
--Details-- Waste Code: Waste Description:		145 PAINT/PIGMENT/COATING RESIDUES			
31	4 of 10	NNW/71.1	64.6 / -3.79	CARQUEST CANADA LTD. 35A LAUREL STREET OTTAWA ON K1Y 4M4	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2231902 97,98,02,03,04 3259			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
		OTHER VEHICLE ACCES.			
--Details-- Waste Code: Waste Description:		145 PAINT/PIGMENT/COATING RESIDUES			
31	5 of 10	NNW/71.1	64.6 / -3.79	MCKERLIE MILLEN (SEE & USE ON2231907) 35A LAUREL STREET OTTAWA ON K1Y 4M4	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0212446 98 3259			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
		OTHER VEHICLE ACCES.			
--Details-- Waste Code: Waste Description:		145 PAINT/PIGMENT/COATING RESIDUES			
31	6 of 10	NNW/71.1	64.6 / -3.79	merge design, print & promo 35B Laurel St Ottawa ON K1Y 4M4	SCT
Established: Plant Size (ft²): Employment:	01-SEP-04 1000				
--Details-- Description: SIC/NAICS Code:	Advertising Agencies 541810				
Description: SIC/NAICS Code:	All Other Wholesaler-Distributors 418990				
Description: SIC/NAICS Code:	Graphic Design Services 541430				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description: SIC/NAICS Code:		Business Service Centres 561430			
31	7 of 10	NNW/71.1	64.6 / -3.79	Wake Cup Coffee Roasters 35 Laurel St Ottawa ON K1Y 4M4	SCT
Established: Plant Size (ft²): Employment:		01-AUG-08			
--Details-- Description: SIC/NAICS Code:		Coffee and Tea Manufacturing 311920			
31	8 of 10	NNW/71.1	64.6 / -3.79	Signs in 23 hours.com 35B Laurel St Ottawa ON K1Y 4M4	SCT
Established: Plant Size (ft²): Employment:		01-AUG-87			
--Details-- Description: SIC/NAICS Code:		Sign Manufacturing 339950			
Description: SIC/NAICS Code:		Coating, Engraving, Heat Treating and Allied Activities 332810			
Description: SIC/NAICS Code:		Sign Manufacturing 339950			
31	9 of 10	NNW/71.1	64.6 / -3.79	Breezehill Heating Ltd. 75 Breezehill Ave N Unit D Ottawa ON K1Y 2H6	SCT
Established: Plant Size (ft²): Employment:		01-JUL-82			
--Details-- Description: SIC/NAICS Code:		Other Ornamental and Architectural Metal Product Manufacturing 332329			
Description: SIC/NAICS Code:		All Other Miscellaneous Fabricated Metal Product Manufacturing 332999			
31	10 of 10	NNW/71.1	64.6 / -3.79	Paper Sign Man 35B Laurel St Ottawa ON K1Y 4M4	SCT
Established: Plant Size (ft²): Employment:		01-AUG-96			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Description:		Sign Manufacturing			
SIC/NAICS Code:		339950			
Description:		Sign Manufacturing			
SIC/NAICS Code:		339950			
32	1 of 1	ESE/72.9	66.9 / -1.49	Ottawa ON	WWIS
Well ID:	7174653			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	1/9/2012
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:	Z134418			Owner:	
Tag:	A123760			Street Name:	175 LORETTA AVENUE NORTH
Construction Method:				County:	OTTAWA-CARLETON
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1003630604			Elevation:	64.82
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	444037
Code OB Desc:				North83:	5028050
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	17-NOV-11			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	1004056063				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:					
Most Common Material:					
Mat2:	01				
Other Materials:	FILL				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		3.66			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004056064			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		3.66			
Formation End Depth:		4.27			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004056065			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		08			
Other Materials:		FINE SAND			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		4.27			
Formation End Depth:		4.88			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004056073			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004056074			
Layer:		2			
Plug From:		.31			
Plug To:		1.5			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004056075			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		3			
Plug From:		1.5			
Plug To:		4.88			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1004056072			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
 <u>Pipe Information</u>					
Pipe ID:		1004056062			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1004056068			
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			
 <u>Construction Record - Screen</u>					
Screen ID:		1004056069			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.83			
Screen End Depth:		4.88			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
 <u>Water Details</u>					
Water ID:		1004056067			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1004056066			
Diameter:		8.25			
Depth From:		0			
Depth To:		4.88			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
33	1 of 1	NNW/74.9	64.9 / -3.49	OTTAWA HYDRO 99 BREEZE HILL AVENUE TRANSFORMER OTTAWA CITY ON	SPL
Ref No: 117044 Site No: Incident Dt: 8/11/1995 Year: Incident Cause: COOLING SYSTEM 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: 8/11/1995 Dt Document Closed: Incident Reason: EQUIPMENT FAILURE Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: OTTAWA HYDRO: 5 L OF TRANSFORMER OIL TO GRASS & SOIL: CLEANING UP Contaminant Qty:		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20101 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:			
34	1 of 1	ESE/75.1	66.9 / -1.49	941-971 Gladstone Avenue Ottawa ON K1Y 3E5	EHS
Order No: 20090320020 Status: C Report Type: Standard Report Report Date: 3/31/2009 Date Received: 3/20/2009 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; City Directory		Nearest Intersection: Gladstone Ave. and Loretta Ave. Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.715018 Y: 45.403657			
35	1 of 1	NE/77.6	64.2 / -4.18	Ottawa ON	WWIS
Well ID: 7205660 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Abandoned-Other Water Type: Casing Material: Audit No: Z096874 Tag: A111219 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock:		Data Entry Status: Data Src: Date Received: 7/31/2013 Selected Flag: Yes Abandonment Rec: Yes Contractor: 6894 Form Version: 7 Owner: Street Name: O-TRAIN RAIL CORRIDOR County: OTTAWA-CARLETON Municipality: NEPEAN TOWNSHIP Site Info: Lot: Concession: Concession Name:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:					
				Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1004479434 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
				Elevation: 57.22 Elevrc: Zone: 18 East83: 443981 North83: 5028199 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	
<u>Method of Construction & Well Use</u>					
Method Construction ID: 1004980781 Method Construction Code: Method Construction: Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID: 1004980775 Casing No: 0 Comment: Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 1004980779 Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: cm Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 1004980780 Layer: Slot: Screen Top Depth: Screen End Depth: Screen Material: Screen Depth UOM: m Screen Diameter UOM: cm Screen Diameter:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		1004980778			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004980777			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
36	1 of 1	SSW/80.1	69.9 / 1.51	995 GLADSTONE AVENUE OTTAWA ON K1Y 3E8	HINC
External File Num:		FS INC 0707-03960			
Fuel Occurrence Type:		Pipeline Strike			
Date of Occurrence:		7/12/2007			
Fuel Type Involved:		Natural Gas			
Status Desc:		Completed - Causal Analysis(End)			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Construction Site (pipeline strike)			
Service Interruptions:		Yes			
Property Damage:		Yes			
Fuel Life Cycle Stage:		Transmission, Distribution and Transportation			
Root Cause:		Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:Yes Management:Yes Human Factors:Yes			
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
37	1 of 2	ESE/85.9	67.0 / -1.40	VESUVIO IRON LOGIC CUSTOM 949 GLADSTONE AVE OTTAWA ON K1Y 3E5	SCT
Established:		1972			
Plant Size (ft²):		1500			
Employment:		3			
--Details--					
Description:		Other Ornamental and Architectural Metal Products Manufacturing			
SIC/NAICS Code:		332329			
37	2 of 2	ESE/85.9	67.0 / -1.40	VESUVIO IRON WORKS 949 GLADSTONE AVE	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
OTTAWA ON K1Y 3E5					
Established:	1972				
Plant Size (ft²):	1500				
Employment:	3				
--Details--					
Description:	ARCHITECTURAL AND ORNAMENTAL METAL WORK				
SIC/NAICS Code:	3446				
38	1 of 1	NNE/86.1	63.6 / -4.79	ON	BORE
Borehole ID:	847983			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Diamond Drill			UTM Zone:	18
Easting:	443955			Northing:	5028268
Location Accuracy:				Orig. Ground Elev m:	61.3
Elev. Reliability Note:				DEM Ground Elev m:	58.5
Total Depth m:	8.5			Primary Name:	
Township:	NEPEAN			Concession:	CON 1 ON OTTAWA RIVER
Lot:	LOT 38			Municipality:	
Completion Date:	12-NOV-1962			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	6559473			Top Depth(m):	0.0
Bottom Depth(m):	0.2			Stratum Desc:	ASPHALT
Stratum ID:	6559474			Top Depth(m):	0.2
Bottom Depth(m):	0.8			Stratum Desc:	FILL (SILTY SAND)
Stratum ID:	6559475			Top Depth(m):	0.8
Bottom Depth(m):	2.3			Stratum Desc:	GREY CLAY, SOME GRAVEL
Stratum ID:	6559476			Top Depth(m):	2.3
Bottom Depth(m):	6.9			Stratum Desc:	SOFT, GREY CLAY
Stratum ID:	6559477			Top Depth(m):	6.9
Bottom Depth(m):	8.5			Stratum Desc:	SHALE BEDROCK
39	1 of 1	NNE/87.4	63.9 / -4.49	Public Services & Procurement Canada ESD/AFD 1010 Somerset ST W OTTAWA ON K1R 6R9	GEN
Generator No:	ON8671552			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:					
--Details--					
Waste Code:	122 C				
Waste Description:	Alkaline slutions - containing other metals and non-metals (not cyanide)				
Waste Code:	145 I				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		146 T			
Waste Description:		Other specified inorganic sludges, slurries or solids			
Waste Code:		148 C			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		150 L			
Waste Description:		Inert organic wastes			
Waste Code:		212 L			
Waste Description:		Aliphatic solvents and residues			
Waste Code:		221 I			
Waste Description:		Light fuels			
Waste Code:		221 L			
Waste Description:		Light fuels			
Waste Code:		251 L			
Waste Description:		Waste oils/sludges (petroleum based)			
Waste Code:		252 L			
Waste Description:		Waste crankcase oils and lubricants			
Waste Code:		263 I			
Waste Description:		Misc. waste organic chemicals			
Waste Code:		331 I			
Waste Description:		Waste compressed gases including cylinders			
Waste Code:		112 C			
Waste Description:		Acid solutions - containing heavy metals			
Waste Code:		121 C			
Waste Description:		Alkaline slutions - containing heavy metals			
40	1 of 2	WNW/89.8	66.2 / -2.18	The Original Maple Bat Company 93 Bayswater Ave Unit A Ottawa ON K1Y 2G2	SCT
Established:					
Plant Size (ft²):					
Employment:		3			
--Details--					
Description:		Sporting and Athletic Goods Manufacturing			
SIC/NAICS Code:		339920			
40	2 of 2	WNW/89.8	66.2 / -2.18	The Original Maple Bat Company 93 Bayswater Ave Ottawa ON K1Y 2G2	SCT
Established:		1996			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Sporting and Athletic Goods Manufacturing			
SIC/NAICS Code:		339920			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	1 of 1	ESE/89.9	67.0 / -1.40	Ottawa ON	WWIS
Well ID: 7174652 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: Z134419 Tag: A123755 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: 1/9/2012 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 175 LORETTA STREER NORTH County: OTTAWA-CARLETON Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1003630602 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 17-NOV-11 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Elevation: 64.43 Elevrc: Zone: 18 East83: 444055 North83: 5028051 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1004056050 Layer: 1 Color: 6 General Color: BROWN Mat1: 11 Most Common Material: GRAVEL Mat2: 28 Other Materials: SAND Mat3: 01 Other Materials: FILL Formation Top Depth: 0 Formation End Depth: 2.44 Formation End Depth UOM: m					
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		1004056051			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:		05			
Other Materials:		CLAY			
Formation Top Depth:		2.44			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004056059			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004056061			
Layer:		3			
Plug From:		1.22			
Plug To:		4.57			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004056060			
Layer:		2			
Plug From:		.31			
Plug To:		1.22			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004056058			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1004056049			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004056054			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.5			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1004056055			
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			
 <u>Water Details</u>					
Water ID:		1004056053			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1004056052			
Diameter:		8.25			
Depth From:		0			
Depth To:		4.57			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
42	1 of 2	SSE/90.6	69.9 / 1.49	166 LORETTA AVENUE, OTTAWA ON	PINC
Incident ID:				Health Impact:	
Incident No:	1682814			Environment Impact:	
Type:	FS-Pipeline Incident			Property Damage:	Yes
Status Code:	Pipeline Damage Reason Est			Service Interrupt:	
Fuel Occurrence Tp:				Enforce Policy:	Yes
Fuel Type:				Public Relation:	
Tank Status:	RC Established			Pipeline System:	
Task No:	5666667			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	2015/08/28				
Date:					
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:	166 LORETTA AVENUE, OTTAWA - PIPELINE HIT - 1 ¼"				
Reported By:	Bernie Monette - ENBRIDGE				
Affiliation:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes:					
42	2 of 2	SSE/90.6	69.9 / 1.49	Enbridge Gas Distribution Inc. 166 Loretta Ave Ottawa ON	SPL
Ref No: 4617-9YGGA8 Site No: NA Incident Dt: 7/15/2015 Year: Incident Cause: Incident Event: Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 7/16/2015 Dt Document Closed: 10/3/2015 Incident Reason: Operator/Human Error Site Name: commercial<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: TSSA: 166 Loretta Ave, 1.25 inch, safe Contaminant Qty: 0 n/a					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Miscellaneous Industrial Agency Involved: Nearest Watercourse: Site Address: 166 Loretta Ave Site District Office: Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Source Type:					
43	1 of 1	SSE/93.8	70.9 / 2.54	PRIVATE RESIDENCE 189 BREEZEHILL N., FURNACE OIL TANK FURNACE OIL TANK OTTAWA CITY ON	SPL
Ref No: 222346 Site No: Incident Dt: 3/1/2002 Year: Incident Cause: ABOVE-GROUND TANK LEAK Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: POSSIBLE Nature of Impact: Water course or lake Receiving Medium: WATER Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 3/1/2002 Dt Document Closed: Incident Reason: UNKNOWN Site Name: Site County/District:					
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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Geo Ref Meth: Incident Summary: PRIVATE RESIDENCE: OIL TO FLOOR, DRAIN, UNKNOWN QTY Contaminant Qty:					
44	1 of 1	SE/94.3	69.0 / 0.60	OTTAWA ON	WWIS
Well ID: 1536545 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Observation Wells Water Type: Casing Material: Audit No: Z50461 Tag: A033415 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: 8/4/2006 Selected Flag: Yes Abandonment Rec: Contractor: 1844 Form Version: 3 Owner: Street Name: 175 LORETTA AVE. NORTH County: OTTAWA-CARLETON Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 11550611 DP2BR: Spatial Status: Code OB: 0 Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 12-JUN-06 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
Elevation: 69.24 Elevrc: Zone: 18 East83: 444047 North83: 5027957 Org CS: UTM83 UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: wwr					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 933062952 Layer: 3 Color: 6 General Color: BROWN Mat1: 34 Most Common Material: TILL Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 1.2 Formation End Depth: 4.9 Formation End Depth UOM: m					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933062950			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		01			
Other Materials:		FILL			
Formation Top Depth:		0			
Formation End Depth:		.5			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933062951			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		34			
Most Common Material:		TILL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		.5			
Formation End Depth:		1.2			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933297982			
Layer:		1			
Plug From:		.3			
Plug To:		1.3			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961536545			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11560218			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID: 930882721					
Layer: 1					
Material: 5					
Open Hole or Material: PLASTIC					
Depth From: 0					
Depth To: 1.3					
Casing Diameter: 51					
Casing Diameter UOM: mm					
Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 933419634					
Layer: 1					
Slot: 10					
Screen Top Depth: 1.3					
Screen End Depth: 4.6					
Screen Material: 5					
Screen Depth UOM: m					
Screen Diameter UOM: mm					
Screen Diameter: 58					
<u>Hole Diameter</u>					
Hole ID: 11681319					
Diameter: 20					
Depth From: 0					
Depth To: 4.9					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
45	1 of 1	ESE/106.0	65.9 / -2.49	SPORTIVE SPORTSWEAR MFG INC. 155 A LORETTA AVE N OTTAWA ON K1Y 2J7	SCT
Established: 1984					
Plant Size (ft²): 3200					
Employment: 14					
<u>--Details--</u>					
Description: MEN'S & BOYS' CLOTHING, N.E.C.					
SIC/NAICS Code: 2329					
Description: WOMEN'S, MISSES', & JUNIORS' OUTERWEAR, N.E.C.					
SIC/NAICS Code: 2339					
46	1 of 1	ESE/107.6	65.9 / -2.49	OTTAWA ON	WWIS
Well ID: 7183730					
Construction Date:					
Primary Water Use: Monitoring and Test Hole					
Sec. Water Use: 0					
Final Well Status: Test Hole					
Water Type:					
Casing Material:					
Audit No: Z152814					
Tag: A115791					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Data Entry Status:					
Data Src:					
Date Received: 7/6/2012					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 7241					
Form Version: 7					
Owner:					
Street Name: 175 LORETTA ST					
County: OTTAWA-CARLETON					
Municipality: NEPEAN TOWNSHIP					
Site Info:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:	
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	1003965254 11-JUN-12			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	64.72 18 444077 5028041 UTM83 4 margin of error : 30 m - 100 m wwr
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	1004346070 1 6 BROWN 28 SAND 11 GRAVEL 79 PACKED 0 .91 m				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	1004346072 3 2 GREY 05 CLAY 28 SAND 85 SOFT 2.13 5.18 m				
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		1004346071			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		34			
Most Common Material:		TILL			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		.91			
Formation End Depth:		2.13			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004346080			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004346082			
Layer:		3			
Plug From:		1.83			
Plug To:		5.18			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004346081			
Layer:		2			
Plug From:		.31			
Plug To:		1.83			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004346079			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1004346069			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004346075			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.13			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1004346076			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.13			
Screen End Depth:		5.18			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
 <u>Water Details</u>					
Water ID:		1004346074			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1004346073			
Diameter:		8.25			
Depth From:		0			
Depth To:		5.18			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
47	1 of 1	E/107.8	65.9 / -2.49	Ottawa ON	WWIS
Well ID:	7188016			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	9/24/2012
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z156783			Owner:	
Tag:	A131015			Street Name:	449 GLADSTONE AVE
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	1004164393			Elevation:	63.02
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	444069
Code OB Desc:				North83:	5028064
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	13-AUG-12			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1004448481				
Layer:	1				
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	4.1				
Formation End Depth UOM:	m				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1004448489				
Layer:	1				
Plug From:	0				
Plug To:	.31				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1004448491				
Layer:	3				
Plug From:	2.6				
Plug To:	4.1				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1004448490				
Layer:	2				
Plug From:	.31				
Plug To:	2.3				
Plug Depth UOM:	m				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004448488			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		HYDROVAC			
<u>Pipe Information</u>					
Pipe ID:		1004448480			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004448484			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.6			
Casing Diameter:		3.82			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004448485			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.6			
Screen End Depth:		4.1			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.03			
<u>Water Details</u>					
Water ID:		1004448483			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004448482			
Diameter:		60			
Depth From:		0			
Depth To:		4.1			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
48	1 of 1	ENE/109.7	64.6 / -3.79	ON	BORE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Borehole ID:	847977			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Diamond Drill			UTM Zone:	18
Easting:	444023			Northing:	5028180
Location Accuracy:				Orig. Ground Elev m:	59.9
Elev. Reliability Note:				DEM Ground Elev m:	57.3
Total Depth m:	3.2			Primary Name:	
Township:	NEPEAN			Concession:	CON 1 ON OTTAWA RIVER
Lot:	LOT 38			Municipality:	
Completion Date:	05-DEC-1962			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	6559452			Top Depth(m):	0.0
Bottom Depth(m):	1.8			Stratum Desc:	GREY-BROWN CLAYEY SILT AND GRAVEL FILL
Stratum ID:	6559453			Top Depth(m):	1.8
Bottom Depth(m):	3.2			Stratum Desc:	GREY, CLAYEY SILT, FINE SAND, GRAVEL (GLACIAL TILL)

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004346084			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		1.22			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004346086			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		2.44			
Formation End Depth:		5.18			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004346085			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		1.22			
Formation End Depth:		2.44			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004346094			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Sealing Record</u>					
Plug ID:		1004346096			
Layer:		3			
Plug From:		1.83			
Plug To:		5.18			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1004346095			
Layer:		2			
Plug From:		.31			
Plug To:		1.83			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1004346093			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1004346083			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004346089			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.13			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004346090			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.13			
Screen End Depth:		5.18			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Water Details</u>					
Water ID:		1004346088			
Layer:					
Kind Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind: Water Found Depth: Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1004346087 Diameter: 8.25 Depth From: 0 Depth To: 5.18 Hole Depth UOM: m Hole Diameter UOM: cm					
50	1 of 1	ESE/111.1	65.9 / -2.49	OTTAWA ON	WWIS
Well ID: 7183728 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: 0 Final Well Status: Test Hole Water Type: Casing Material: Audit No: Z152816 Tag: A115811 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: 7/6/2012 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 175 LORETTA RD County: OTTAWA-CARLETON Municipality: NEPEAN TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1003965248 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 11-JUN-12 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
Elevation: 64.29 Elevrc: Zone: 18 East83: 444079 North83: 5028047 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1004345961 Layer: 1 Color: 6 General Color: BROWN					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		01			
Most Common Material:		FILL			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		1.83			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004345963			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		2.74			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004345962			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		1.83			
Formation End Depth:		2.74			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004345972			
Layer:		2			
Plug From:		.31			
Plug To:		1.22			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004345971			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004345973			
Layer:		3			
Plug From:		1.22			
Plug To:		4.57			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004345970			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1004345960			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004345966			
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			
<u>Construction Record - Screen</u>					
Screen ID:		1004345967			
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			
<u>Water Details</u>					
Water ID:		1004345965			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004345964			
Diameter:		8.25			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		0			
Depth To:		4.57			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

51	1 of 2	E/114.5	65.9 / -2.49	Ottawa ON	WWIS
Well ID:	7174651			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	1/9/2012
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:	Z134421			Owner:	
Tag:	A123850			Street Name:	1175 LORETTA STREET NORTH
Construction Method:				County:	OTTAWA-CARLETON
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:					

Bore Hole Information

Bore Hole ID:	1003630600	Elevation:	63.04
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	444077
Code OB Desc:		North83:	5028061
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	17-NOV-11	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:	1004054901
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	73
Other Materials:	HARD
Mat3:	68
Other Materials:	DRY
Formation Top Depth:	0
Formation End Depth:	2.74
Formation End Depth UOM:	m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004054902			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		01			
Other Materials:		FILL			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		2.74			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004054903			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		08			
Other Materials:		FINE SAND			
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		4.57			
Formation End Depth:		5.49			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004054912			
Layer:		2			
Plug From:		.31			
Plug To:		1.5			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004054913			
Layer:		3			
Plug From:		1.5			
Plug To:		4.88			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004054911			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004054910			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1004054900			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004054906			
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			
<u>Construction Record - Screen</u>					
Screen ID:		1004054907			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.83			
Screen End Depth:		4.88			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Water Details</u>					
Water ID:		1004054905			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004054904			
Diameter:		8.25			
Depth From:		0			
Depth To:		4.88			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
51	2 of 2	E/114.5	65.9 / -2.49	Ottawa ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7174650			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	1/9/2012
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:	Z134420			Owner:	
Tag:	A123820			Street Name:	175 LORETTA STREET NORHT
Construction Method:				County:	OTTAWA-CARLETON
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:					

Bore Hole Information

Bore Hole ID:	1003630598	Elevation:	62.98
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	444078
Code OB Desc:		North83:	5028061
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	17-NOV-11	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:	1004054889
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	4.27
Formation End Depth:	5.18
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1004054888
Layer:	2
Color:	6
General Color:	BROWN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		05			
Other Materials:		CLAY			
Formation Top Depth:		3.1			
Formation End Depth:		4.27			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004054887			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		28			
Other Materials:		SAND			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		3.1			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004054898			
Layer:		2			
Plug From:		.31			
Plug To:		1.83			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004054899			
Layer:		3			
Plug From:		1.83			
Plug To:		5.18			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004054897			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004054896			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		1004054886			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004054892			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.13			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004054893			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.13			
Screen End Depth:		5.18			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Water Details</u>					
Water ID:		1004054891			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004054890			
Diameter:		8.25			
Depth From:		0			
Depth To:		5.18			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
52	1 of 1	SE/115.3	69.6 / 1.26	ON	WWIS
Well ID:	1508421			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	3/22/1950
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3566
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:				County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA-CARLETON OTTAWA CITY
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	10030455 80 r Bedrock 07-FEB-50			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	70.93 18 444040.7 5027922 9 unknown UTM p9
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	931009624 2 05 CLAY 06 SILT 75 80 ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	931009625 3 26 ROCK 80 139 ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931009623			
Layer:		1			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961508421			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579025			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053558			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		80			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930053559			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		139			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508421			
Pump Set At:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Level:	17				
Final Level After Pumping:	17				
Recommended Pump Depth:					
Pumping Rate:	5				
Flowing Rate:					
Recommended Pump Rate:	5				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	0				
Pumping Duration MIN:	30				
Flowing:	N				
<u>Water Details</u>					
Water ID:	933462916				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	92				
Water Found Depth UOM:	ft				

53	1 of 1	NW/125.6	64.7 / -3.69	ON	WWIS
Well ID:	7216640			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	2/20/2014
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	6964
Casing Material:				Form Version:	8
Audit No:	C21873			Owner:	
Tag:	A137238			Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
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:					

Bore Hole Information

Bore Hole ID:	1004713335	Elevation:	64.67
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	443739
Code OB Desc:		North83:	5028276
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	04-JAN-13	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Revision Comment: Supplier Comment:					
54	1 of 1	NW/127.6	64.8 / -3.57	PRIVATE RESIDENCE 69 BAYSWATER AVE. FURNACE OIL TANK OTTAWA CITY ON K1Y 2E7	SPL
Ref No:	171718			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	8/20/1999			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:	WATER			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	WORKS
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	8/20/1999			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-UNKNW AMOUNT FURNACE OIL TO BASEMENT AND DRAIN.				
Contaminant Qty:					
55	1 of 1	E/133.5	65.9 / -2.49	Ottawa ON	WWIS
Well ID:	7183729			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	7/6/2012
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z152811			Owner:	
Tag:	A126612			Street Name:	175 LORETTA ST
Construction Method:				County:	OTTAWA-CARLETON
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:					
Bore Hole Information					
Bore Hole ID:	1003965251			Elevation:	60.68
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB:				East83:	444099
Code OB Desc:				North83:	5028058
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	11-JUN-12			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	www
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004345977			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		2.74			
Formation End Depth:		4.27			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004345976			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		84			
Other Materials:		SILTY			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		1.5			
Formation End Depth:		2.74			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004345975			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		1.5			
Formation End Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004345985			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004345986			
Layer:		2			
Plug From:		.31			
Plug To:		.931			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004345987			
Layer:		3			
Plug From:		.91			
Plug To:		4.27			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004345984			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1004345974			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004345980			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.22			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004345981			
Layer:		1			
Slot:		10			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Top Depth: 1.22 Screen End Depth: 4.27 Screen Material: 5 Screen Depth UOM: m Screen Diameter UOM: cm Screen Diameter: 4.82					
<u>Water Details</u>					
Water ID: 1004345979 Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1004345978 Diameter: 8.25 Depth From: 0 Depth To: 4.27 Hole Depth UOM: m Hole Diameter UOM: cm					
56	1 of 5	NNW/134.1	63.9 / -4.43	73 Breezehill Ave North Ottawa Ontario Ottawa ON K1Y 2H6	EHS
Order No: 20190129049 Status: C Report Type: Standard Report Report Date: 01-FEB-19 Date Received: 29-JAN-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: -75.718268 Y: 45.406057					
56	2 of 5	NNW/134.1	63.9 / -4.43	73 Breezehill Avenue North Ottawa ON K1Y 2H6	EHS
Order No: 20080924003 Status: C Report Type: Standard Report Report Date: 10/2/2008 Date Received: 9/24/2008 Previous Site Name: Lot/Building Size: 10' x ~200' Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Search; City Directory					
Nearest Intersection: Somerset Municipality: Ottawa Client Prov/State: ON Search Radius (km): 0.25 X: -75.718626 Y: 45.405893					
56	3 of 5	NNW/134.1	63.9 / -4.43	Arc Industries - Div. of OCAPDD 73 Breezehill Ave N Ottawa ON K1Y 2H6	SCT
Established: 1973 Plant Size (ft²): Employment: 6					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
56	4 of 5	NNW/134.1	63.9 / -4.43	A R C INDUSTRIES 73 BREEZEHILL AVE N OTTAWA ON K1Y 2H6	SCT
Established:		1974			
Plant Size (ft²):		0			
Employment:		15			
--Details--					
Description:		MILLWORK			
SIC/NAICS Code:		2431			
56	5 of 5	NNW/134.1	63.9 / -4.43	ARC Industries 73 Breezehill Ave N Ottawa ON K1Y 2H6	SCT
Established:		1973			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		All Other Miscellaneous Manufacturing			
SIC/NAICS Code:		339990			
57	1 of 1	E/135.5	65.9 / -2.49	OTTAWA ON	WWIS
Well ID:		7183732	Data Entry Status:		
Construction Date:			Data Src:		
Primary Water Use:		Monitoring and Test Hole	Date Received:		7/6/2012
Sec. Water Use:		0	Selected Flag:		Yes
Final Well Status:		0	Abandonment Rec:		
Water Type:			Contractor:		7241
Casing Material:			Form Version:		7
Audit No:		Z152812	Owner:		
Tag:		A115793	Street Name:		175 LORETTA AVE
Construction Method:			County:		OTTAWA-CARLETON
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1003965637	Elevation:		60.35
DP2BR:			Elevrc:		
Spatial Status:			Zone:		18
Code OB:			East83:		444100
Code OB Desc:			North83:		5028061
Open Hole:			Org CS:		UTM83
Cluster Kind:			UTMRC:		4
Date Completed:		11-JUN-12	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:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004346098			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		1.83			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004346099			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		1.83			
Formation End Depth:		3.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004346100			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		3.1			
Formation End Depth:		4.88			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004346110			
Layer:		3			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug From:		1.5			
Plug To:		4.88			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004346109			
Layer:		2			
Plug From:		.31			
Plug To:		1.5			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004346108			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004346107			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1004346097			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004346103			
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			
<u>Construction Record - Screen</u>					
Screen ID:		1004346104			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.83			
Screen End Depth:		4.88			
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
<u>Water Details</u>					
Water ID:		1004346102			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004346101			
Diameter:		8.25			
Depth From:		0			
Depth To:		4.88			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>58</u>	1 of 1	SE/136.3	67.9 / -0.49	CITY OF OTTAWA 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	<u>NPRI</u>
NPRI ID:	4773			Org ID:	42966
Other ID:	N			Submit Date:	5/31/2010
No Other ID:				Last Modified:	5/29/2015 3:28:24 PM
Track ID:	80068			Contact ID:	
Report ID:	133796			Cont Type:	
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	
Report Year:	2009			Cont Last Name:	
Not-Current Rpt?:	No			Contact Position:	
Yr of Last Filed Rpt:	2009			Contact Fax:	
Fac ID:	119475			Contact Ph.:	
Fac Name:	TRAFFIC / PAVEMENT MARKING AND SIGNS DIVISION			Cont Area Code:	
Fac Address1:	175 LORETTA AVE. NORTH			Contact Tel.:	
Fac Address2:	NOT AVAILABLE			Contact Ext.:	
Fac Postal Zip:	K1Y4L8			Cont Fax Area Cde:	
Facility Lat:	45.4028			Contact Fax:	
Facility Long:	-75.7144			Contact Email:	
DLS (Last Filed Rpt):				Latitude:	45.4028
Facility DLS:				Longitude:	-75.7144
Datum:	1983			UTM Zone:	
Facility Cmnts:	No			UTM Northing:	
URL:	www.ottawa.ca			UTM Easting:	
No of Empl.:	200			Waste Streams:	No
Parent Co.:	N			No Streams:	
No Parent Co.:				Waste Off Sites:	No
Pollut Prev Cmnts:	No			No Off Sites:	
Stacks:	No			Shutdown:	No
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):	48				
NAICS 2 Description:	Transportation and Warehousing				
NAICS Code (4 digit):	4889				
NAICS 4 Description:	Other support activities for transportation				
NAICS Code (6 digit):	488990				
NAICS 6 Description:	Other support activities for transportation				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Substance Release Report</u>					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.3			
Unit:		tonnes			
Basis of Estimate Cd:		O			
Basis of Estimate Desc:		O- Engineering Estimates			
59	1 of 7	N/137.3	62.9 / -5.49	DSS CAPITAL REGION SUPPLY CENTRE 933 GLADSTONE AVENUE OTTAWA ON K1A 0T4	GEN
Generator No:	ON0989500			PO Box No:	
Status:				Country:	
Approval Years:	88,89,90			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8159				
SIC Description:		OTHER GEN. ADMIN.			
--Details--					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
59	2 of 7	N/137.3	62.9 / -5.49	GVT. OF CAN.- PUBLIC WORKS CANADA 18-375 CHP PLOUFFE PARK 933 GLADSTONE AVE. C/O PLACE DU PORTAGE PHASE IV LEVEL II HULL OTTAWA ON K1A 0T4	GEN
Generator No:	ON0144774			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8159				
SIC Description:		OTHER GEN. ADMIN.			
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
59	3 of 7	N/137.3	62.9 / -5.49	GVT. OF CAN.- PUBLIC WORKS CANADA CHP PLOUFFE PARK 933 GLADSTONE AVE. C/O PLACE DU PORTAGE PHASE IV LEVEL II OTTAWA ON K1A 0T4	GEN
Generator No:	ON0144774			PO Box No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Approval Years: 90 Contam. Facility: MHSW Facility: SIC Code: 8159 SIC Description: OTHER GEN. ADMIN. --Details-- Waste Code: 221 Waste Description: LIGHT FUELS Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS					
59	4 of 7	N/137.3	62.9 / -5.49	PUBLIC WORKS AND GOVT SERVICES CANADA CAPITAL REGION SUPPLY CENTRE (CRSC) 933 GLADSTONE AVENUE OTTAWA ON K1A 0T4	GEN
Generator No: ON0989500 Status: Approval Years: 92,93,95,96,97,98,99,00,01 Contam. Facility: MHSW Facility: SIC Code: 8159 SIC Description: OTHER GEN. ADMIN. --Details-- Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS Waste Code: 213 Waste Description: PETROLEUM DISTILLATES Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS Waste Code: 261 Waste Description: PHARMACEUTICALS Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS					
59	5 of 7	N/137.3	62.9 / -5.49	DSS CAPITAL REGION SUPPLY CENTRE 13-297 933 GLADSTONE AVENUE OTTAWA ON K1A 0T4	GEN
Generator No: ON0989500 Status: Approval Years: 94 Contam. Facility: MHSW Facility: SIC Code: 8159 SIC Description: OTHER GEN. ADMIN. --Details-- Waste Code: 213 Waste Description: PETROLEUM DISTILLATES					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS					
59	6 of 7	N/137.3	62.9 / -5.49	GVT. OF CAN.- PUBLIC WORKS CANADA 18-375 CHP PLOUFFE PARK 933 GLADSTONE AVE. C/O PLACE DU PORTAGE PHASE IV LEVEL II ON K1A 0T4	GEN
Generator No: ON0144774 Status: Approval Years: 95,96,97 Contam. Facility: MHSW Facility: SIC Code: 8159 SIC Description: OTHER GEN. ADMIN.				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details-- Waste Code: 221 Waste Description: LIGHT FUELS					
Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS					
59	7 of 7	N/137.3	62.9 / -5.49	UNKNOWN 933 GLADSTONE OTTAWA CITY ON K1A 0T4	SPL
Ref No: 231625 Site No: Incident Dt: 7/11/2002 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: Water course or lake Receiving Medium: LAND, WATER Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 7/11/2002 Dt Document Closed: Incident Reason: EQUIPMENT FAILURE Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:				Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20107 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	
60	1 of 48	SE/144.5	67.9 / -0.49	CITY OF OTTAWA 175 LORETTA AVE N OTTAWA ON K1Y 4L8	EASR
Approval No: R-002-5384270056 Status: REGISTERED Date: 2013-10-31				SWP Area Name: MOE District: City: OTTAWA	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Record Type: EASR Link Source: MOFA Project Type: Standby Power System Full Address: Approval Type: EASR-Standby Power System Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=6495					
60	2 of 48	SE/144.5	67.9 / -0.49	City of Ottawa 175 Loretta Ave N Ottawa ON K1P 1J1	ECA
Approval No: 3038-8SLKC7 Approval Date: 2012-03-23 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR Project Type: AIR Address: 175 Loretta Ave N Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8784-8LVNFR-14.pdf					
60	3 of 48	SE/144.5	67.9 / -0.49	City of Ottawa 175 Loretta Ave N Ottawa ON K1Y 4L8	ECA
Approval No: 3038-8SLKC7 Approval Date: 3/23/2012 Status: Approved Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Air/Noise Address: Full Address: Full PDF Link:					
60	4 of 48	SE/144.5	67.9 / -0.49	REGIONAL MUNICIPALITY OF OTTAWA CARLETON 175 LORETTA AVE N OTTAWA ON K1Y 4L8	FST
Instance No: 10904148 Cont Name: Instance Type: FS Liquid Fuel Tank Fuel Type: Diesel Status: Active Capacity: 22700 Tank Material: Steel Corrosion Protection: Sacrificial anode Tank Type: Single Wall UST Install Year: 1991 Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve Facility Type: FS Liquid Fuel Tank					
60	5 of 48	SE/144.5	67.9 / -0.49	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	FST

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				175 LORETTA AVE N OTTAWA ON K1Y 4L8	
Instance No:		10904127			
Cont Name:					
Instance Type:		FS Liquid Fuel Tank			
Fuel Type:		Gasoline			
Status:		Active			
Capacity:		22700			
Tank Material:		Steel			
Corrosion Protection:		Sacrificial anode			
Tank Type:		Single Wall UST			
Install Year:		1991			
Parent Facility Type:		Fuels Safety Private Fuel Outlet - Self Serve			
Facility Type:		FS Liquid Fuel Tank			
60	6 of 48	SE/144.5	67.9 / -0.49	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE 175 LORETTA AV N OTTAWA ON K1Y 4L8	FSTH
License Issue Date:		1/22/1991			
Tank Status:		Licensed			
Tank Status As Of:		December 2008			
Operation Type:		Private Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			
--Details--					
Status:		Active			
Year of Installation:		1991			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1991			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Diesel			
60	7 of 48	SE/144.5	67.9 / -0.49	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE 175 LORETTA AV N OTTAWA ON K1Y 4L8	FSTH
License Issue Date:		1/22/1991			
Tank Status:		Licensed			
Tank Status As Of:		August 2007			
Operation Type:		Private Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			
--Details--					
Status:		Active			
Year of Installation:		1991			
Corrosion Protection:					
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1991			
Corrosion Protection:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Capacity:		22700			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Diesel			
60	8 of 48	SE/144.5	67.9 / -0.49	City of Ottawa 175 Loretta Ave N. Ottawa ON K1Y 4L8	GEN
Generator No:		ON0303108		PO Box No:	
Status:				Country:	Canada
Approval Years:		2015		Choice of Contact:	CO_OFFICIAL
Contam. Facility:		No		Co Admin:	Chad Findlay
MHSW Facility:		No		Phone No Admin:	613-580-2424 Ext.21004
SIC Code:		488490			
SIC Description:		OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION			
--Details--					
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
60	9 of 48	SE/144.5	67.9 / -0.49	Corporation City of Ottawa 175 Loretta Ave N Ottawa ON K1Y-4L8	GEN
Generator No:		ON2247318		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:					
--Details--					
Waste Code:		146 T			
Waste Description:		Other specified inorganic sludges, slurries or solids			
Waste Code:		221 L			
Waste Description:		Light fuels			
Waste Code:		243 D			
Waste Description:		PCB			
Waste Code:		251 L			
Waste Description:		Waste oils/sludges (petroleum based)			
Waste Code:		252 L			
Waste Description:		Waste crankcase oils and lubricants			
60	10 of 48	SE/144.5	67.9 / -0.49	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF 175 LORETTA AVENUE NORTH	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
OTTAWA ON K1Y 4L8					
Generator No:	ON0303108			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96,97,98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8371				
SIC Description:	TRANSPORTATION ADMIN				
--Details--					
Waste Code:	211				
Waste Description:	AROMATIC SOLVENTS				
Waste Code:	213				
Waste Description:	PETROLEUM DISTILLATES				
Waste Code:	121				
Waste Description:	ALKALINE WASTES - HEAVY METALS				
Waste Code:	146				
Waste Description:	OTHER SPECIFIED INORGANICS				
60	11 of 48	SE/144.5	67.9 / -0.49	Corporation City of Ottawa 175 Loretta Ave N Ottawa ON K1Y-4L8	GEN
Generator No:	ON2247318			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Randy Villeneuve
MHSW Facility:	No			Phone No Admin:	613-580-2424 Ext.12085
SIC Code:	913150				
SIC Description:	913150				
--Details--					
Waste Code:	251				
Waste Description:	OIL SKIMMINGS & SLUDGES				
Waste Code:	146				
Waste Description:	OTHER SPECIFIED INORGANICS				
Waste Code:	221				
Waste Description:	LIGHT FUELS				
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
Waste Code:	243				
Waste Description:	PCBS				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
60	12 of 48	SE/144.5	67.9 / -0.49	Corporation City of Ottawa 175 Loretta Ave N Ottawa ON K1Y 4L8	GEN
Generator No:	ON2247318			PO Box No:	
Status:				Country:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2010 913150	 Municipal Regulatory Services		Choice of Contact: Co Admin: Phone No Admin:	
--Details--					
Waste Code:	243				
Waste Description:	PCBS				
Waste Code:	146				
Waste Description:	OTHER SPECIFIED INORGANICS				
Waste Code:	251				
Waste Description:	OIL SKIMMINGS & SLUDGES				
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	221				
Waste Description:	LIGHT FUELS				
60	13 of 48	SE/144.5	67.9 / -0.49	City of Ottawa 175 Loretta Ave N. Ottawa ON K1Y 4L8	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0303108 2016 No No 488490	 OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL Chad Findlay 613-580-2424 Ext.21004
--Details--					
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	211				
Waste Description:	AROMATIC SOLVENTS				
Waste Code:	146				
Waste Description:	OTHER SPECIFIED INORGANICS				
60	14 of 48	SE/144.5	67.9 / -0.49	Corporation City of Ottawa 175 Loretta Ave N Ottawa ON K1Y 4L8	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2247318 2012 913150	 Municipal Regulatory Services		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
--Details--					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		243			
Waste Description:		PCBS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
60	15 of 48	SE/144.5	67.9 / -0.49	Corporation City of Ottawa 175 Loretta Ave N Ottawa ON	GEN
Generator No:	ON2247318			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913150				
SIC Description:					
--Details--					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		243			
Waste Description:		PCBS			
60	16 of 48	SE/144.5	67.9 / -0.49	City of Ottawa 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	GEN
Generator No:	ON0303108			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	488490				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		Other Support Activities for Road Transportation			
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
60	17 of 48	SE/144.5	67.9 / -0.49	Corporation City of Ottawa 175 Loretta Ave N Ottawa ON K1Y 4L8	GEN
Generator No:	ON2247318			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913150				
SIC Description:	Municipal Regulatory Services				
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
60	18 of 48	SE/144.5	67.9 / -0.49	OTTAWA-CARLTON, REGIONAL MUN OF REGIONAL ROAD #13 AT MANOTICK 175 LORETTA AVE N OTTAWA ON K1Y 4L8	GEN
Generator No:	ON0303100			PO Box No:	
Status:				Country:	
Approval Years:	86,87			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8351				
SIC Description:	EXEC./LEGIS. ADMIN.				
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
60	19 of 48	SE/144.5	67.9 / -0.49	City of Ottawa 175 Loretta Ave N. Ottawa ON K1Y 4L8	GEN
Generator No: ON0303108 Status: Approval Years: 2014 Contam. Facility: No MHSW Facility: No SIC Code: 488490 SIC Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Chad Findlay Phone No Admin: 613-580-2424 Ext.21004					
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
60	20 of 48	SE/144.5	67.9 / -0.49	Corporation City of Ottawa 175 Loretta Ave N Ottawa ON K1Y 4L8	GEN
Generator No: ON2247318 Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 913150 SIC Description: Municipal Regulatory Services PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
--Details--					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		243			
Waste Description:		PCBS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
60	21 of 48	SE/144.5	67.9 / -0.49	City of Ottawa 175 LORETTA AVENUE NORTH OTTAWA ON	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: ON0303108 PO Box No: Status: Country: Approval Years: 2013 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin: SIC Code: 488490 SIC Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION					
--Details--					
Waste Code:	146				
Waste Description:	OTHER SPECIFIED INORGANICS				
Waste Code:	211				
Waste Description:	AROMATIC SOLVENTS				
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
60	22 of 48	SE/144.5	67.9 / -0.49	OTTAWA-CARLTON, REGIONAL MUN. OF SIGNALS AND COMMUNICATIONS 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	GEN
Generator No: ON0303108 PO Box No: Status: Country: Approval Years: 89,90 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin: SIC Code: 8371 SIC Description: TRANSPORTATION ADMIN					
--Details--					
Waste Code:	146				
Waste Description:	OTHER SPECIFIED INORGANICS				
Waste Code:	211				
Waste Description:	AROMATIC SOLVENTS				
Waste Code:	213				
Waste Description:	PETROLEUM DISTILLATES				
60	23 of 48	SE/144.5	67.9 / -0.49	OTTAWA-CARLTON, REGIONAL MUN OF REGIONAL ROAD #28 (NAVAN ROAD) 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	GEN
Generator No: ON0303101 PO Box No: Status: Country: Approval Years: 86,87 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin: SIC Code: 8351 SIC Description: EXEC./LEGIS. ADMIN.					
--Details--					
Waste Code:	252				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		WASTE OILS & LUBRICANTS			
60	24 of 48	SE/144.5	67.9 / -0.49	Corporation City of Ottawa 175 Loretta Ave N Ottawa ON K1Y-4L8	GEN
Generator No:		ON2247318		PO Box No:	
Status:				Country:	
Approval Years:		2014		Choice of Contact:	
Contam. Facility:		No		Co Admin:	
MHSW Facility:		No		Phone No Admin:	
SIC Code:		913150		Canada	
SIC Description:		913150		CO_OFFICIAL	
				Randy Villeneuve	
				613-580-2424 Ext.12085	
--Details--					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		243			
Waste Description:		PCBS			
60	25 of 48	SE/144.5	67.9 / -0.49	City of Ottawa 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	GEN
Generator No:		ON0303108		PO Box No:	
Status:				Country:	
Approval Years:		2010		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		488490			
SIC Description:		Other Support Activities for Road Transportation			
--Details--					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
60	26 of 48	SE/144.5	67.9 / -0.49	City of Ottawa 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	GEN
Generator No: ON0303108 Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 488490 SIC Description: Other Support Activities for Road Transportation PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
60	27 of 48	SE/144.5	67.9 / -0.49	Corporation City of Ottawa 175 Loretta Ave N Ottawa ON K1Y-4L8	GEN
Generator No: ON2247318 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 913150 SIC Description: 913150 PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Randy Villeneuve Phone No Admin: 613-580-2424 Ext.12085					
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		243			
Waste Description:		PCBS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
60	28 of 48	SE/144.5	67.9 / -0.49	OTTAWA-CARLETON, REGIONAL MUN. OF SIGNALS AND COMMUNICATIONS 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0303108 86,87,88 8371	TRANSPORTATION ADMIN.		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details--					
Waste Code: Waste Description:		213 PETROLEUM DISTILLATES			
60	29 of 48	SE/144.5	67.9 / -0.49	Corporation City of Ottawa 175 Loretta Ave N Ottawa ON K1Y 4L8	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2247318 02,03,04,05,06,07,08			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details--					
Waste Code: Waste Description:		146 OTHER SPECIFIED INORGANICS			
Waste Code: Waste Description:		145 PAINT/PIGMENT/COATING RESIDUES			
Waste Code: Waste Description:		251 OIL SKIMMINGS & SLUDGES			
Waste Code: Waste Description:		221 LIGHT FUELS			
60	30 of 48	SE/144.5	67.9 / -0.49	City of Ottawa 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0303108 02,03,04,05,06,07,08			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details--					
Waste Code: Waste Description:		252 WASTE OILS & LUBRICANTS			
Waste Code: Waste Description:		145 PAINT/PIGMENT/COATING RESIDUES			
Waste Code: Waste Description:		145 PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		121			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
60	31 of 48	SE/144.5	67.9 / -0.49	City of Ottawa 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 4L8	GEN
Generator No:		ON0303108		PO Box No:	
Status:				Country:	
Approval Years:		2009		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		488490			
SIC Description:		Other Support Activities for Road Transportation			
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
60	32 of 48	SE/144.5	67.9 / -0.49	City of Ottawa Public Works Department 175 Loretta Ave N. Ottawa ON K1Y 4L8	GEN
Generator No:		ON0303108		PO Box No:	
Status:		Registered		Country:	
Approval Years:		As of Dec 2018		Canada	
Contam. Facility:				Choice of Contact:	
MHSW Facility:				Co Admin:	
SIC Code:				Phone No Admin:	
SIC Description:					
--Details--					
Waste Code:		145 H			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		145 I			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		145 L			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		145 T			
Waste Description:		Wastes from the use of pigments, coatings and paints			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		211 H			
Waste Description:		Aromatic solvents and residues			
Waste Code:		252 L			
Waste Description:		Waste crankcase oils and lubricants			

60	33 of 48	SE/144.5	67.9 / -0.49	REGIONAL MUNICIPALITY OF OTTAWA CARLETON 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	NPRI
NPRI ID:	4773			Org ID:	18493
Other ID:	Y			Submit Date:	1/26/1999
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	14097			Contact ID:	92089
Report ID:				Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	JIM
Report Year:	1996			Cont Last Name:	BELL
Not-Current Rpt?:	No			Contact Position:	MANAGER
Yr of Last Filed Rpt:	2009			Contact Fax:	6137251743
Fac ID:	50436			Contact Ph.:	6137243190
Fac Name:	TRAFFIC OPERATIONS BRANCH R.M.O.C			Cont Area Code:	613
Fac Address1:	175 LORETTA AVE. NORTH			Contact Tel.:	37243190
Fac Address2:	NOT AVAILABLE			Contact Ext.:	3121
Fac Postal Zip:	K1Y4L8			Cont Fax Area Cde:	613
Facility Lat:	45.4028			Contact Fax:	37251743
Facility Long:	-75.7144			Contact Email:	NOT AVAILABLE
DLS (Last Filed Rpt):				Latitude:	45.4028
Facility DLS:				Longitude:	-75.7144
Datum:	1983			UTM Zone:	18
Facility Cmnts:	FALSE			UTM Northing:	5027900
URL:				UTM Easting:	443900
No of Empl.:	113			Waste Streams:	FALSE
Parent Co.:	*			No Streams:	0
No Parent Co.:	0			Waste Off Sites:	TRUE
Pollut Prev Cmnts:	FALSE			No Off Sites:	1
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):	91				
NAICS 2 Description:	Public administration				
NAICS Code (4 digit):	9139				
NAICS 4 Description:	Other local, municipal and regional public administration				
NAICS Code (6 digit):	913910				
NAICS 6 Description:	Other local, municipal and regional public administration				

Substance Release Report

Category Type ID:	13
Category Type Desc:	All Media
Category Type Desc (fr):	Rejets à tous les médias
Grouping:	Total All Media<1t
Trans Code:	
Chem:	Toluene
Chem (fr):	Toluène
Quantity:	.13
Unit:	tonnes
Basis of Estimate Cd:	M
Basis of Estimate Desc:	M- Monitoring or Direct Measurement - In use from 1994 to 2002

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
60	34 of 48	SE/144.5	67.9 / -0.49	REGIONAL MUNICIPALITY OF OTTAWA CARLETON 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	NPRI
NPRI ID: 4773 Other ID: Y No Other ID: 1 Track ID: 14093 Report ID: Report Type: NPRI Rpt Type ID: 1 Report Year: 1999 Not-Current Rpt?: No Yr of Last Filed Rpt: 2009 Fac ID: 50436 Fac Name: TRAFFIC OPERATIONS BRANCH R.M.O.C Fac Address1: 175 LORETTA AVE. NORTH Fac Address2: NOT AVAILABLE Fac Postal Zip: K1Y4L8 Facility Lat: 45.4028 Facility Long: -75.7144 DLS (Last Filed Rpt): Facility DLS: Datum: 1983 Facility Cmnts: False URL: No of Empl.: 113 Parent Co.: * No Parent Co.: 1 Pollut Prev Cmnts: False Stacks: No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 91 NAICS 2 Description: Public administration NAICS Code (4 digit): 9139 NAICS 4 Description: Other local, municipal and regional public administration NAICS Code (6 digit): 913910 NAICS 6 Description: Other local, municipal and regional public administration Org ID: 18493 Submit Date: 5/30/2000 Last Modified: 5/29/2015 3:28:24 PM Contact ID: 92086 Cont Type: MED Contact Title: Cont First Name: JIM Cont Last Name: BELL Contact Position: MANAGER Contact Fax: 6137251742 Contact Ph.: 6135602111 Cont Area Code: 613 Contact Tel.: 35602111 Contact Ext.: 3121 Cont Fax Area Cde: 613 Contact Fax: 37251742 Contact Email: BELLJI@RMOC.ON.CA Latitude: 45.4028 Longitude: -75.7144 UTM Zone: 18 UTM Northing: 5027900 UTM Easting: 443900 Waste Streams: No No Streams: 0 Waste Off Sites: No No Off Sites: 0 Shutdown: No of Shutdown:					
<u>Substance Release Report</u>					
Category Type ID: 13 Category Type Desc: All Media Category Type Desc (fr): Rejets à tous les médias Grouping: Total All Media<1t Trans Code: Chem: Toluene Chem (fr): Toluène Quantity: .16 Unit: tonnes Basis of Estimate Cd: M Basis of Estimate Desc: M- Monitoring or Direct Measurement - In use from 1994 to 2002					
60	35 of 48	SE/144.5	67.9 / -0.49	CITY OF OTTAWA 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	NPRI

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
NPRI ID: 4773 Other ID: Y No Other ID: 1 Track ID: 73383 Report ID: 152922 Report Type: NPRI Rpt Type ID: 1 Report Year: 2003 Not-Current Rpt?: No Yr of Last Filed Rpt: 2009 Fac ID: 119475 Fac Name: TRAFFIC / PAVEMENT MARKING AND SIGNS DIVISION Fac Address1: 175 LORETTA AVE. NORTH Fac Address2: NOT AVAILABLE Fac Postal Zip: K1Y4L8 Facility Lat: 45.4028 Facility Long: -75.7144 DLS (Last Filed Rpt): Facility DLS: Datum: 1983 Facility Cmnts: False URL: www.ottawa.ca No of Empl.: 130 Parent Co.: * No Parent Co.: 1 Pollut Prev Cmnts: False Stacks: True No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 48 NAICS 2 Description: Transportation and Warehousing NAICS Code (4 digit): 4889 NAICS 4 Description: Other support activities for transportation NAICS Code (6 digit): 488990 NAICS 6 Description: Other support activities for transportation Org ID: 42966 Submit Date: 5/28/2004 Last Modified: 5/29/2015 3:28:24 PM Contact ID: 165797 Cont Type: MED Contact Title: Cont First Name: JIM Cont Last Name: BELL Contact Position: MANAGER Contact Fax: 6137251742 Contact Ph.: 6135802424 Cont Area Code: 613 Contact Tel.: 35802424 Contact Ext.: 23014 Cont Fax Area Cde: 613 Contact Fax: 37251742 Contact Email: JAMES.BELL@OTTAWA.CA Latitude: 45.4028 Longitude: -75.7144 UTM Zone: UTM Northing: UTM Easting: Waste Streams: True? No Streams: Waste Off Sites: Fals No Off Sites: 1 Shutdown: True No of Shutdown:					
<u>Substance Release Report</u> Category Type ID: 13 Category Type Desc: All Media Category Type Desc (fr): Rejets à tous les médias Grouping: Total All Media<1t Trans Code: Chem: Toluene Chem (fr): Toluène Quantity: .22 Unit: tonnes Basis of Estimate Cd: Basis of Estimate Desc:					
60	36 of 48	SE/144.5	67.9 / -0.49	REGIONAL MUNICIPALITY OF OTTAWA CARLETON 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	NPRI
NPRI ID: 4773 Other ID: Y No Other ID: 1 Track ID: 14098 Report ID: Org ID: 18493 Submit Date: 6/1/1998 Last Modified: 5/29/2015 3:28:24 PM Contact ID: 92084 Cont Type: MED					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Type: NPRI Rpt Type ID: 1 Report Year: 1997 Not-Current Rpt?: No Yr of Last Filed Rpt: 2009 Fac ID: 50436 Fac Name: TRAFFIC OPERATIONS BRANCH R.M.O.C Fac Address1: 175 LORETTA AVE. NORTH Fac Address2: NOT AVAILABLE Fac Postal Zip: K1Y4L8 Facility Lat: 45.4028 Facility Long: -75.7144 DLS (Last Filed Rpt): Facility DLS: Datum: 1983 Facility Cmnts: FALSE URL: No of Empl.: 113 Parent Co.: * No Parent Co.: 1 Pollut Prev Cmnts: FALSE Stacks: No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 91 NAICS 2 Description: Public administration NAICS Code (4 digit): 9139 NAICS 4 Description: Other local, municipal and regional public administration NAICS Code (6 digit): 913910 NAICS 6 Description: Other local, municipal and regional public administration Contact Title: Cont First Name: JIM Cont Last Name: BELL Contact Position: MANAGER Contact Fax: 6137251742 Contact Ph.: 6135602111 Cont Area Code: 613 Contact Tel.: 35602111 Contact Ext.: 3121 Cont Fax Area Cde: 613 Contact Fax: 37251742 Contact Email: NOT AVAILABLE Latitude: 45.4028 Longitude: -75.7144 UTM Zone: 18 UTM Northing: 5027900 UTM Easting: 443900 Waste Streams: FALSE No Streams: 0 Waste Off Sites: TRUE No Off Sites: 1 Shutdown: No of Shutdown:					
<u>Substance Release Report</u>					
Category Type ID: 13 Category Type Desc: All Media Category Type Desc (fr): Rejets à tous les médias Grouping: Total All Media<1t Trans Code: Chem: Toluene Chem (fr): Toluène Quantity: .16 Unit: tonnes Basis of Estimate Cd: M Basis of Estimate Desc: M- Monitoring or Direct Measurement - In use from 1994 to 2002					
60	37 of 48	SE/144.5	67.9 / -0.49	CITY OF OTTAWA 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	NPRI
NPRI ID: 4773 Other ID: N No Other ID: Track ID: 53101 Report ID: 116388 Report Type: NPRI Rpt Type ID: 1 Report Year: 2007 Not-Current Rpt?: No Yr of Last Filed Rpt: 2009 Fac ID: 119475 Fac Name: TRAFFIC / PAVEMENT MARKING AND Org ID: 42966 Submit Date: 5/20/2008 Last Modified: 5/29/2015 3:28:24 PM Contact ID: Cont Type: Contact Title: Cont First Name: Cont Last Name: Contact Position: Contact Fax: Contact Ph.: Cont Area Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Fac Address1:	SIGNS DIVISION			Contact Tel.:	
Fac Address2:	175 LORETTA AVE. NORTH			Contact Ext.:	
Fac Postal Zip:	NOT AVAILABLE			Cont Fax Area Cde:	
Facility Lat:	K1Y4L8			Contact Fax:	
Facility Long:	45.4028			Contact Email:	
DLS (Last Filed Rpt):	-75.7144			Latitude:	45.4028
Facility DLS:				Longitude:	-75.7144
Datum:	1983			UTM Zone:	
Facility Cmnts:	False			UTM Northing:	
URL:	www.ottawa.ca			UTM Easting:	
No of Empl.:	145			Waste Streams:	True?
Parent Co.:	N			No Streams:	
No Parent Co.:				Waste Off Sites:	True?
Pollut Prev Cmnts:	False			No Off Sites:	
Stacks:	True			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):	48				
NAICS 2 Description:	Transportation and Warehousing				
NAICS Code (4 digit):	4889				
NAICS 4 Description:	Other support activities for transportation				
NAICS Code (6 digit):	488990				
NAICS 6 Description:	Other support activities for transportation				
 <u>Substance Release Report</u>					
Category Type ID:	13				
Category Type Desc:	All Media				
Category Type Desc (fr):	Rejets à tous les médias				
Grouping:	Total All Media<1t				
Trans Code:					
Chem:	Toluene				
Chem (fr):	Toluène				
Quantity:	.32				
Unit:	tonnes				
Basis of Estimate Cd:	O				
Basis of Estimate Desc:	O- Engineering Estimates				
60	38 of 48	SE/144.5	67.9 / -0.49	CITY OF OTTAWA 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	NPRI
NPRI ID:	4773			Org ID:	42966
Other ID:	N			Submit Date:	5/29/2006
No Other ID:				Last Modified:	5/29/2015 3:28:24 PM
Track ID:	37906			Contact ID:	
Report ID:	99498			Cont Type:	
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	
Report Year:	2005			Cont Last Name:	
Not-Current Rpt?:	No			Contact Position:	
Yr of Last Filed Rpt:	2009			Contact Fax:	
Fac ID:	119475			Contact Ph.:	
Fac Name:	TRAFFIC / PAVEMENT MARKING AND SIGNS DIVISION			Cont Area Code:	
Fac Address1:	175 LORETTA AVE. NORTH			Contact Tel.:	
Fac Address2:	NOT AVAILABLE			Contact Ext.:	
Fac Postal Zip:	K1Y4L8			Cont Fax Area Cde:	
Facility Lat:	45.4028			Contact Fax:	
Facility Long:	-75.7144			Contact Email:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DLS (Last Filed Rpt):				Latitude:	45.4028
Facility DLS:				Longitude:	-75.7144
Datum:	1983			UTM Zone:	
Facility Cmnts:	False			UTM Northing:	
URL:	www.ottawa.ca			UTM Easting:	
No of Empl.:	135			Waste Streams:	False
Parent Co.:	N			No Streams:	
No Parent Co.:				Waste Off Sites:	False
Pollut Prev Cmnts:	False			No Off Sites:	
Stacks:	False			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):		48			
NAICS 2 Description:		Transportation and Warehousing			
NAICS Code (4 digit):		4889			
NAICS 4 Description:		Other support activities for transportation			
NAICS Code (6 digit):		488990			
NAICS 6 Description:		Other support activities for transportation			
 <u>Substance Release Report</u>					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.27			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
60	39 of 48	SE/144.5	67.9 / -0.49	CITY OF OTTAWA 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	NPRI
NPRI ID:	4773			Org ID:	42966
Other ID:	Y			Submit Date:	5/18/2001
No Other ID:	1.00			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	14095			Contact ID:	92088
Report ID:				Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	JIM
Report Year:	2000			Cont Last Name:	BELL
Not-Current Rpt?:	No			Contact Position:	MANAGER
Yr of Last Filed Rpt:	2009			Contact Fax:	6137251742
Fac ID:	50438			Contact Ph.:	6135802424
Fac Name:	TRAFFIC OPERATIONS DIVISION			Cont Area Code:	613
Fac Address1:	175 LORETTA AVE. NORTH			Contact Tel.:	35802424
Fac Address2:	NOT AVAILABLE			Contact Ext.:	23121
Fac Postal Zip:	K1Y4L8			Cont Fax Area Cde:	613
Facility Lat:	45.4028			Contact Fax:	37251742
Facility Long:	-75.7144			Contact Email:	JAMES.BELL@CITY.OTTAWA.ON.CA
DLS (Last Filed Rpt):				Latitude:	45.4028
Facility DLS:				Longitude:	-75.7144
Datum:	1983			UTM Zone:	
Facility Cmnts:	False			UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	113			Waste Streams:	No
Parent Co.:	*			No Streams:	0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
No Parent Co.:	1.00			Waste Off Sites:	No
Pollut Prev Cmnts:	False			No Off Sites:	0.00
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):		91			
NAICS 2 Description:		Public administration			
NAICS Code (4 digit):		9139			
NAICS 4 Description:		Other local, municipal and regional public administration			
NAICS Code (6 digit):		913910			
NAICS 6 Description:		Other local, municipal and regional public administration			
<u>Substance Release Report</u>					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.22			
Unit:		tonnes			
Basis of Estimate Cd:		M			
Basis of Estimate Desc:		M- Monitoring or Direct Measurement - In use from 1994 to 2002			
60	40 of 48	SE/144.5	67.9 / -0.49	CITY OF OTTAWA 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	NPRI
NPRI ID:	4773			Org ID:	42966
Other ID:	Y			Submit Date:	7/15/2005
No Other ID:	1			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	32396			Contact ID:	165797
Report ID:	92401			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	JIM
Report Year:	2004			Cont Last Name:	BELL
Not-Current Rpt?:	No			Contact Position:	MANAGER
Yr of Last Filed Rpt:	2009			Contact Fax:	6137251742
Fac ID:	119475			Contact Ph.:	6135802424
Fac Name:	TRAFFIC / PAVEMENT MARKING AND SIGNS DIVISION			Cont Area Code:	613
Fac Address1:	175 LORETTA AVE. NORTH			Contact Tel.:	35802424
Fac Address2:	NOT AVAILABLE			Contact Ext.:	23014
Fac Postal Zip:	K1Y4L8			Cont Fax Area Cde:	613
Facility Lat:	45.4028			Contact Fax:	37251742
Facility Long:	-75.7144			Contact Email:	JAMES.BELL@OTTAWA.CA
DLS (Last Filed Rpt):				Latitude:	45.4028
Facility DLS:				Longitude:	-75.7144
Datum:	1983			UTM Zone:	
Facility Cmnts:	True			UTM Northing:	
URL:	www.ottawa.ca			UTM Easting:	
No of Empl.:	130			Waste Streams:	False
Parent Co.:	N			No Streams:	
No Parent Co.:				Waste Off Sites:	False
Pollut Prev Cmnts:	True			No Off Sites:	1
Stacks:	No			Shutdown:	
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code Description: American SIC Code: NAICS Code (2 digit): 48 NAICS 2 Description: Transportation and Warehousing NAICS Code (4 digit): 4889 NAICS 4 Description: Other support activities for transportation NAICS Code (6 digit): 488990 NAICS 6 Description: Other support activities for transportation					
<u>Substance Release Report</u>					
Category Type ID: 13 Category Type Desc: All Media Category Type Desc (fr): Rejets à tous les médias Grouping: Total All Media<1t Trans Code: Chem: Toluene Chem (fr): Toluène Quantity: .23 Unit: tonnes Basis of Estimate Cd: Basis of Estimate Desc:					
60	41 of 48	SE/144.5	67.9 / -0.49	CITY OF OTTAWA 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	NPRI
NPRI ID: 4773 Other ID: N No Other ID: Track ID: 63333 Report ID: 125532 Report Type: NPRI Rpt Type ID: 1 Report Year: 2008 Not-Current Rpt?: No Yr of Last Filed Rpt: 2009 Fac ID: 119475 Fac Name: TRAFFIC / PAVEMENT MARKING AND SIGNS DIVISION Fac Address1: 175 LORETTA AVE. NORTH Fac Address2: NOT AVAILABLE Fac Postal Zip: K1Y4L8 Facility Lat: 45.4028 Facility Long: -75.7144 DLS (Last Filed Rpt): Facility DLS: Datum: 1983 Facility Cmnts: No URL: www.ottawa.ca No of Empl.: 145 Parent Co.: N No Parent Co.: Pollut Prev Cmnts: No Stacks: No No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 48 NAICS 2 Description: Transportation and Warehousing NAICS Code (4 digit): 4889 NAICS 4 Description: Other support activities for transportation Org ID: 42966 Submit Date: 5/21/2009 Last Modified: 5/29/2015 3:28:24 PM Contact ID: Cont Type: Contact Title: Cont First Name: Cont Last Name: Contact Position: Contact Fax: Contact Ph.: Cont Area Code: Contact Tel.: Contact Ext.: Cont Fax Area Cde: Contact Fax: Contact Email: Latitude: 45.4028 Longitude: -75.7144 UTM Zone: UTM Northing: UTM Easting: Waste Streams: No No Streams: Waste Off Sites: No No Off Sites: Shutdown: No No of Shutdown:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
NAICS Code (6 digit):		488990			
NAICS 6 Description:		Other support activities for transportation			
<u>Substance Release Report</u>					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.3			
Unit:		tonnes			
Basis of Estimate Cd:		O			
Basis of Estimate Desc:		O- Engineering Estimates			
60	42 of 48	SE/144.5	67.9 / -0.49	CITY OF OTTAWA 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	NPRI
NPRI ID:		4773		Org ID:	42966
Other ID:		Y		Submit Date:	5/15/2002
No Other ID:		1.00		Last Modified:	5/29/2015 3:28:24 PM
Track ID:		14096		Contact ID:	92088
Report ID:				Cont Type:	MED
Report Type:		NPRI		Contact Title:	
Rpt Type ID:		1		Cont First Name:	JIM
Report Year:		2001		Cont Last Name:	BELL
Not-Current Rpt?:		No		Contact Position:	MANAGER
Yr of Last Filed Rpt:		2009		Contact Fax:	6137251742
Fac ID:		50438		Contact Ph.:	6135802424
Fac Name:		TRAFFIC OPERATIONS DIVISION		Cont Area Code:	613
Fac Address1:		175 LORETTA AVE. NORTH		Contact Tel.:	35802424
Fac Address2:		NOT AVAILABLE		Contact Ext.:	23121
Fac Postal Zip:		K1Y4L8		Cont Fax Area Cde:	613
Facility Lat:		45.4028		Contact Fax:	37251742
Facility Long:		-75.7144		Contact Email:	JAMES.BELL@CITY.OTTAWA.ON.CA
DLS (Last Filed Rpt):				Latitude:	45.4028
Facility DLS:				Longitude:	-75.7144
Datum:		1983		UTM Zone:	
Facility Cmnts:		No		UTM Northing:	
URL:				UTM Easting:	
No of Empl.:		113		Waste Streams:	No
Parent Co.:		*		No Streams:	0.00
No Parent Co.:		1.00		Waste Off Sites:	Yes
Pollut Prev Cmnts:		No		No Off Sites:	1.00
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):		91			
NAICS 2 Description:		Public administration			
NAICS Code (4 digit):		9139			
NAICS 4 Description:		Other local, municipal and regional public administration			
NAICS Code (6 digit):		913910			
NAICS 6 Description:		Other local, municipal and regional public administration			

Substance Release Report

Category Type ID: 13

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.21			
Unit:		tonnes			
Basis of Estimate Cd:		O			
Basis of Estimate Desc:		O- Engineering Estimates			

60	43 of 48	SE/144.5	67.9 / -0.49	CITY OF OTTAWA 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	NPRI
NPRI ID:		4773	Org ID: 42966		
Other ID:		N	Submit Date: 5/23/2007		
No Other ID:			Last Modified: 5/29/2015 3:28:24 PM		
Track ID:		43977	Contact ID:		
Report ID:		106553	Cont Type:		
Report Type:		NPRI	Contact Title:		
Rpt Type ID:		1	Cont First Name:		
Report Year:		2006	Cont Last Name:		
Not-Current Rpt?:		No	Contact Position:		
Yr of Last Filed Rpt:		2009	Contact Fax:		
Fac ID:		119475	Contact Ph.:		
Fac Name:		TRAFFIC / PAVEMENT MARKING AND SIGNS DIVISION	Cont Area Code:		
Fac Address1:		175 LORETTA AVE. NORTH	Contact Tel.:		
Fac Address2:		NOT AVAILABLE	Contact Ext.:		
Fac Postal Zip:		K1Y4L8	Cont Fax Area Cde:		
Facility Lat:		45.4028	Contact Fax:		
Facility Long:		-75.7144	Contact Email:		
DLS (Last Filed Rpt):			Latitude: 45.4028		
Facility DLS:			Longitude: -75.7144		
Datum:		1983	UTM Zone:		
Facility Cmnts:		False	UTM Northing:		
URL:		www.ottawa.ca	UTM Easting:		
No of Empl.:		140	Waste Streams: True?		
Parent Co.:		N	No Streams:		
No Parent Co.:			Waste Off Sites: False		
Pollut Prev Cmnts:		False	No Off Sites:		
Stacks:		True	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):		48			
NAICS 2 Description:		Transportation and Warehousing			
NAICS Code (4 digit):		4889			
NAICS 4 Description:		Other support activities for transportation			
NAICS Code (6 digit):		488990			
NAICS 6 Description:		Other support activities for transportation			

Substance Release Report

Category Type ID:		13
Category Type Desc:		All Media
Category Type Desc (fr):		Rejets à tous les médias
Grouping:		Total All Media<1t
Trans Code:		
Chem:		Toluene
Chem (fr):		Toluène

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Quantity:		.22			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
60	44 of 48	SE/144.5	67.9 / -0.49	REGIONAL MUNICIPALITY OF OTTAWA CARLETON 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	NPRI
NPRI ID:		4773		Org ID:	18493
Other ID:		Y		Submit Date:	5/21/1999
No Other ID:		1		Last Modified:	5/29/2015 3:28:24 PM
Track ID:		14099		Contact ID:	92086
Report ID:				Cont Type:	MED
Report Type:		NPRI		Contact Title:	
Rpt Type ID:		1		Cont First Name:	JIM
Report Year:		1998		Cont Last Name:	BELL
Not-Current Rpt?:		No		Contact Position:	MANAGER
Yr of Last Filed Rpt:		2009		Contact Fax:	6137251742
Fac ID:		50436		Contact Ph.:	6135602111
Fac Name:		TRAFFIC OPERATIONS BRANCH R.M.O.C		Cont Area Code:	613
Fac Address1:		175 LORETTA AVE. NORTH		Contact Tel.:	35602111
Fac Address2:		NOT AVAILABLE		Contact Ext.:	3121
Fac Postal Zip:		K1Y4L8		Cont Fax Area Cde:	613
Facility Lat:		45.4028		Contact Fax:	37251742
Facility Long:		-75.7144		Contact Email:	BELLJI@RMOC.ON.CA
DLS (Last Filed Rpt):				Latitude:	45.4028
Facility DLS:				Longitude:	-75.7144
Datum:		1983		UTM Zone:	18
Facility Cmnts:		False		UTM Northing:	5027900
URL:				UTM Easting:	443900
No of Empl.:		113		Waste Streams:	False
Parent Co.:		Y		No Streams:	0
No Parent Co.:		1		Waste Off Sites:	False
Pollut Prev Cmnts:		False		No Off Sites:	1
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):		91			
NAICS 2 Description:		Public administration			
NAICS Code (4 digit):		9139			
NAICS 4 Description:		Other local, municipal and regional public administration			
NAICS Code (6 digit):		913910			
NAICS 6 Description:		Other local, municipal and regional public administration			
<u>Substance Release Report</u>					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Toluene			
Chem (fr):		Toluène			
Quantity:		.16			
Unit:		tonnes			
Basis of Estimate Cd:		M			
Basis of Estimate Desc:		M- Monitoring or Direct Measurement - In use from 1994 to 2002			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
60	45 of 48	SE/144.5	67.9 / -0.49	CITY OF OTTAWA 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y 4L8	NPRI
NPRI ID: 4773 Other ID: Y No Other ID: 1 Track ID: 76828 Report ID: 161382 Report Type: NPRI Rpt Type ID: 1 Report Year: 2002 Not-Current Rpt?: No Yr of Last Filed Rpt: 2009 Fac ID: 119476 Fac Name: ROADS/ PAVEMENT MARKING AND SIGNS DIVISION Fac Address1: 175 LORETTA AVE. NORTH Fac Address2: NOT AVAILABLE Fac Postal Zip: K1Y 4L8 Facility Lat: Facility Long: DLS (Last Filed Rpt): Facility DLS: Datum: 1983 Facility Cmnts: False URL: www.ottawa.ca No of Empl.: 130 Parent Co.: * No Parent Co.: 1 Pollut Prev Cmnts: False Stacks: False No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 91 NAICS 2 Description: Public administration NAICS Code (4 digit): 9139 NAICS 4 Description: Other local, municipal and regional public administration NAICS Code (6 digit): 913910 NAICS 6 Description: Other local, municipal and regional public administration Org ID: 42966 Submit Date: 5/29/2003 Last Modified: 5/29/2015 3:28:24 PM Contact ID: 186896 Cont Type: MED Contact Title: Cont First Name: MAXWELL Cont Last Name: MINER Contact Position: MANAGER Contact Fax: 6137251742 Contact Ph.: 6135802424 Cont Area Code: 613 Contact Tel.: 35802424 Contact Ext.: 13768 Cont Fax Area Cde: 613 Contact Fax: 37251742 Contact Email: MAXWELL.MINER@OTTAWA.CA Latitude: 45.4028 Longitude: -75.7144 UTM Zone: UTM Northing: UTM Easting: Waste Streams: False No Streams: 0 Waste Off Sites: Fals No Off Sites: 1 Shutdown: False No of Shutdown: 0					
Substance Release Report					
Category Type ID: 13 Category Type Desc: All Media Category Type Desc (fr): Rejets à tous les médias Grouping: Total All Media<1t Trans Code: Chem: Toluene Chem (fr): Toluène Quantity: .21 Unit: tonnes Basis of Estimate Cd: Basis of Estimate Desc:					

60	46 of 48	SE/144.5	67.9 / -0.49	TRAFFIC OPERATIONS BRANCH R.M.O.C 175 LORETTA AVE. NORTH NOT AVAILABLE OTTAWA ON K1Y4L8	NPRI
NPRI ID: 4773 Other ID: Y Org ID: 20800 Submit Date: 9/26/2001					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
No Other ID: 1 Track ID: 14094 Report ID: Report Type: NPRI Rpt Type ID: 1 Report Year: 1995 Not-Current Rpt?: No Yr of Last Filed Rpt: 2009 Fac ID: 50432 Fac Name: NOT AVAILABLE Fac Address1: 175 LORETTA AVE. NORTH Fac Address2: NOT AVAILABLE Fac Postal Zip: K1Y4L8 Facility Lat: 45.4028 Facility Long: -75.7144 DLS (Last Filed Rpt): Facility DLS: Datum: 1983 Facility Cmnts: FALSE URL: No of Empl.: 113 Parent Co.: * No Parent Co.: 0 Pollut Prev Cmnts: FALSE Stacks: No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 91 NAICS 2 Description: Public administration NAICS Code (4 digit): 9139 NAICS 4 Description: Other local, municipal and regional public administration NAICS Code (6 digit): 913910 NAICS 6 Description: Other local, municipal and regional public administration Last Modified: 5/29/2015 3:28:24 PM Contact ID: 92082 Cont Type: MED Contact Title: Cont First Name: JIM Cont Last Name: BELL Contact Position: NOT AVAILABLE Contact Fax: 6137251742 Contact Ph.: 6135602111 Cont Area Code: 613 Contact Tel.: 35602111 Contact Ext.: 3121 Cont Fax Area Cde: 613 Contact Fax: 37251742 Contact Email: NOT AVAILABLE Latitude: 45.4028 Longitude: -75.7144 UTM Zone: 18 UTM Northing: 5027900 UTM Easting: 443900 Waste Streams: FALSE No Streams: 0 Waste Off Sites: TRUE No Off Sites: 1 Shutdown: No of Shutdown:					
<u>Substance Release Report</u>					
Category Type ID: 13 Category Type Desc: All Media Category Type Desc (fr): Rejets à tous les médias Grouping: Total All Media<1t Trans Code: Chem: Toluene Chem (fr): Toluène Quantity: .003 Unit: tonnes Basis of Estimate Cd: M Basis of Estimate Desc: M- Monitoring or Direct Measurement - In use from 1994 to 2002					
60	47 of 48	SE/144.5	67.9 / -0.49	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : DO 175 LORETTA AV N OTTAWA ON K1Y 4L8	PRT
Location ID: 10987 Type: private Expiry Date: Capacity (L): 45000.00 Licence #: 0001056845					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
60	48 of 48	SE/144.5	67.9 / -0.49	KENT FUELS 175 LORETTA AVE. RMOC GARAGE TANK TRUCK (CARGO) OTTAWA CITY ON	SPL
Ref No:	79770			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	12/10/1992			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	UNDERGROUND TANK LEAK			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	NOT ANTICIPATED			Site Municipality:	20101
Nature of Impact:				Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	RMOC
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	12/10/1992			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	ERROR			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	KENT FUELS - 25 L OF DIESEL FUEL TO GROUND DUE TO OVERFILL OF TANK				
Contaminant Qty:					
61	1 of 1	WNW/144.7	66.8 / -1.52	86 Bayswater Ave Ottawa ON K1Y 2E9	EHS
Order No:	20021204006			Nearest Intersection:	Laurel St
Status:	C			Municipality:	
Report Type:	Site Report			Client Prov/State:	ON
Report Date:	12/6/02			Search Radius (km):	0.25
Date Received:	12/5/02			X:	-75.719583
Previous Site Name:				Y:	45.404672
Lot/Building Size:					
Additional Info Ordered:					
62	1 of 1	N/145.7	62.6 / -5.79	ON	BORE
Borehole ID:	847982			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Diamond Drill			UTM Zone:	18
Easting:	443869			Northing:	5028351
Location Accuracy:				Orig. Ground Elev m:	60.7
Elev. Reliability Note:				DEM Ground Elev m:	59
Total Depth m:	10.4			Primary Name:	
Township:	NEPEAN			Concession:	CON 1 ON OTTAWA RIVER
Lot:	LOT 38			Municipality:	
Completion Date:	13-NOV-1962			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	6559468			Top Depth(m):	0.0
Bottom Depth(m):	0.3			Stratum Desc:	TOPSOIL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum ID: Bottom Depth(m):	6559469 3.2			Top Depth(m): Stratum Desc:	0.3 FIRM, BROWNISH-GREY, SILTY, SANDY CLAY
Stratum ID: Bottom Depth(m):	6559470 5.9			Top Depth(m): Stratum Desc:	3.2 SOFT, GREY CLAY, TRACE OF SILT
Stratum ID: Bottom Depth(m):	6559471 9.1			Top Depth(m): Stratum Desc:	5.9 CLAYEY, SILTY SAND AND GRAVEL (TILL)
Stratum ID: Bottom Depth(m):	6559472 10.4			Top Depth(m): Stratum Desc:	9.1 BEDROCK
63	1 of 1	NW/148.5	64.8 / -3.57	57 Bayswater Ave Ottawa ON K1Y 2E8	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:	20070322010 C CAN - Custom Report 3/30/2007 3/22/2007 Fire Insur. Maps And /or Site Plans			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	0.25 -75.719684 45.405687
64	1 of 1	NW/149.6	65.9 / -2.49	57 Bayswater Ave Ottawa ON K1Y2E8	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:	20130801025 C Custom Report 09-AUG-13 01-AUG-13 			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.719598 45.405522
65	1 of 1	WSW/150.5	67.9 / -0.49	114 BAYSWATER AVE, OTTAWA ON	PINC
Incident ID: Incident No: Type: Status Code: Fuel Occurrence Tp: Fuel Type: Tank Status: Task No: Spills Action Centre: Method Details: Fuel Category: Date of Occurrence: Occurrence Start Date: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation:	1494406 FS-Pipeline Incident Pipeline Damage Reason Est RC Established 5210214 E-mail Natural Gas 2014/11/11 114 BAYSWATER AVE, OTTAWA - PIPELINE HIT - 1/2" Jeff Stiles - Enbridge Gas			Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:	Yes Yes FS-Perform P-line Inc Invest

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Occurrence Desc: Damage Reason: Facility marking or location not sufficient Notes:					
66	1 of 1	NE/160.5	62.9 / -5.49	933 Gladstone Ave Ottawa ON K1A0T4	EHS
Order No: 20150303037 Status: C Report Type: Custom Report Report Date: 06-MAR-15 Date Received: 03-MAR-15 Previous Site Name: Lot/Building Size: Additional Info Ordered: Topographic Maps					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.714882 Y: 45.405412					
67	1 of 1	W/161.3	66.8 / -1.52	Hydro OTTAWA LIMITED 59 LAUREL AVE OTTAWA ON K2C3G2	GEN
Generator No: ON8833481 Status: Approval Years: 05 Contam. Facility: MHSW Facility: SIC Code: 221122 SIC Description: Electric Power Distribution					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
--Details-- Waste Code: 243 Waste Description: PCB'S					
68	1 of 1	NE/163.7	62.9 / -5.49	933 Gladstone Ave Ottawa ON K1A0T4	EHS
Order No: 20160822162 Status: C Report Type: Custom Report Report Date: 23-SEP-16 Date Received: 22-AUG-16 Previous Site Name: Lot/Building Size: ~7ha Additional Info Ordered: City Directory					
Nearest Intersection: Municipality: Ottawa Client Prov/State: ON Search Radius (km): .25 X: -75.714916 Y: 45.405543					
69	1 of 1	NNW/168.1	62.8 / -5.57	A & T AUTO PARTS 55 BREEZEHILL AVE N OTTAWA ON K1Y 2H6	AUWR
Headcode: 96400 Headcode Desc: Automobile Parts & Supplies-Used & Rebuilt Phone: 6137255309 List Name: Description:					
70	1 of 1	SSW/171.3	72.7 / 4.31	ON	BORE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Borehole ID: Use: Drill Method: Easting: Location Accuracy: Elev. Reliability Note: Total Depth m: Township: Lot: Completion Date: Primary Water Use:	613097 443831 -999			Type: Status: UTM Zone: Northing: Orig. Ground Elev m: DEM Ground Elev m: Primary Name: Concession: Municipality: Static Water Level: Sec. Water Use:	Borehole 18 5027822 73.2 72.5 -999.9
--Details-- Stratum ID: Bottom Depth(m):	218393700 0.3			Top Depth(m): Stratum Desc:	0.0 FILL.
Stratum ID: Bottom Depth(m):	218393701 0.5			Top Depth(m): Stratum Desc:	0.3 SAND.
Stratum ID: Bottom Depth(m):	218393702 0.9			Top Depth(m): Stratum Desc:	0.5 TILL.
Stratum ID: Bottom Depth(m):	218393703			Top Depth(m): Stratum Desc:	0.9 BEDROCK. D. VERY DENSE. SAND. DENSE. SAND. DENSE. SAND. VERY DENSE. SAND. DENSE. BEDR
71	1 of 16	NW/171.5	64.1 / -4.24	Ottawa-Carleton District School Board 100 Breezehille Ave. Ottawa ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON7473867 2011 611110	Elementary and Secondary Schools		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details-- Waste Code: Waste Description:	145 PAINT/PIGMENT/COATING RESIDUES				
Waste Code: Waste Description:	331 WASTE COMPRESSED GASES				
Waste Code: Waste Description:	252 WASTE OILS & LUBRICANTS				
Waste Code: Waste Description:	148 INORGANIC LABORATORY CHEMICALS				
Waste Code: Waste Description:	263 ORGANIC LABORATORY CHEMICALS				
71	2 of 16	NW/171.5	64.1 / -4.24	Ottawa-Carleton District School Board 100 Breezehille Ave. Ottawa ON	GEN
Generator No:	ON7473867			PO Box No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
71	3 of 16	NW/171.5	64.1 / -4.24	Ottawa-Carleton District School Board 100 Breezehille Ave. Ottawa ON	GEN
Generator No:	ON7473867			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:		Elementary and Secondary Schools			
--Details--					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
71	4 of 16	NW/171.5	64.1 / -4.24	OTTAWA BOARD OF EDUCATION 100 BREEZEHILL AVENUE OTTAWA ON K1Y 2H5	GEN
Generator No:	ON0375224			PO Box No:	
Status:				Country:	
Approval Years:	96,97,98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		ELEMT./SECON. EDUC.			
--Details--					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
71	5 of 16	NW/171.5	64.1 / -4.24	Ottawa-Carleton District School Board Health & Safety 100 Breezehille Ave. Ottawa ON K1Y 2H5	GEN
Generator No:		ON7473867		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:					
--Details--					
Waste Code:		112 C			
Waste Description:		Acid solutions - containing heavy metals			
Waste Code:		122 C			
Waste Description:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Code:		145 I			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		145 T			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		148 C			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		148 I			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		213 I			
Waste Description:		Petroleum distillates			
Waste Code:		252 L			
Waste Description:		Waste crankcase oils and lubricants			
Waste Code:		263 B			
Waste Description:		Misc. waste organic chemicals			
Waste Code:		263 I			
Waste Description:		Misc. waste organic chemicals			
Waste Code:		331 I			
Waste Description:		Waste compressed gases including cylinders			
71	6 of 16	NW/171.5	64.1 / -4.24	Ottawa-Carleton District School Board Devonshire PS 100 Breezehill Avenue Ottawa ON	GEN
Generator No:		ON8413809		PO Box No:	
Status:				Country:	
Approval Years:		03,04		Choice of Contact:	
Contam. Facility:				Co Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility: SIC Code: SIC Description:				Phone No Admin:	
71	7 of 16	NW/171.5	64.1 / -4.24	Ottawa-Carleton District School Board 100 Breezehille Ave. Ottawa ON	GEN
Generator No:	ON7473867			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
--Details--					
Waste Code:	148				
Waste Description:	INORGANIC LABORATORY CHEMICALS				
Waste Code:	263				
Waste Description:	ORGANIC LABORATORY CHEMICALS				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
71	8 of 16	NW/171.5	64.1 / -4.24	Ottawa-Carleton District School Board 100 Breezehille Ave. Ottawa ON K1Y 2H5	GEN
Generator No:	ON7473867			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			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				
--Details--					
Waste Code:	263				
Waste Description:	ORGANIC LABORATORY CHEMICALS				
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
Waste Code:	148				
Waste Description:	INORGANIC LABORATORY CHEMICALS				
Waste Code:	213				
Waste Description:	PETROLEUM DISTILLATES				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	252				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
71	9 of 16	NW/171.5	64.1 / -4.24	Ottawa-Carleton District School Board 100 Breezehille Ave. Ottawa ON K1Y 2H5	GEN
Generator No:		ON7473867		PO Box No:	
Status:				Country:	Canada
Approval Years:		2016		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			
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
71	10 of 16	NW/171.5	64.1 / -4.24	Ottawa-Carleton District School Board 100 Breezehille Ave. Ottawa ON K1Y 2H5	GEN
Generator No:		ON7473867		PO Box No:	
Status:				Country:	
Approval Years:		2012		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code: 331 Waste Description: WASTE COMPRESSED GASES Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS					
71	11 of 16	NW/171.5	64.1 / -4.24	SEACOR Environmental Inc. 100 Breezehill Ave Ottawa ON	GEN
Generator No: ON7477757 Status: Approval Years: 06 Contam. Facility: MHSW Facility: SIC Code: 611690 SIC Description: All Other Schools and Instruction PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
--Details-- Waste Code: 222 Waste Description: HEAVY FUELS					
71	12 of 16	NW/171.5	64.1 / -4.24	Ottawa-Carleton District School Board 100 Breezehill Ave. Ottawa ON K1Y 2H5	GEN
Generator No: ON7473867 Status: Approval Years: 07,08 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:					
--Details-- Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS Waste Code: 331 Waste Description: WASTE COMPRESSED GASES					
71	13 of 16	NW/171.5	64.1 / -4.24	SLR Consulting (Canada) Ltd. 100 Breezehill Ave Ottawa ON	GEN
Generator No: ON7477757 Status: PO Box No: Country:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2009 611690	All Other Schools and Instruction		Choice of Contact: Co Admin: Phone No Admin:	
--Details-- Waste Code: Waste Description:	222 HEAVY FUELS				
Waste Code: Waste Description:	221 LIGHT FUELS				
71	14 of 16	NW/171.5	64.1 / -4.24	SLR Consulting (Canada) Ltd. 100 Breezehill Ave Ottawa ON K1Y 2H5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON7477757 07,08 611690	All Other Schools and Instruction		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details-- Waste Code: Waste Description:	221 LIGHT FUELS				
Waste Code: Waste Description:	222 HEAVY FUELS				
71	15 of 16	NW/171.5	64.1 / -4.24	Ottawa-Carleton District School Board Devonshire Community PS 100 Breezehill Avenue Ottawa ON K1Y 2H5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON7620039 02,03,04 			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details-- Waste Code: Waste Description:	243 PCB'S				
71	16 of 16	NW/171.5	64.1 / -4.24	Ottawa-Carleton District School Board 100 Breezehille Ave. Ottawa ON K1Y 2H5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility:	ON7473867 2015 No No			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL Greg Benson 613-596-8211 Ext.8549

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code:	611110				
SIC Description:		ELEMENTARY AND SECONDARY SCHOOLS			
--Details--					
Waste Code:	145				
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:	331				
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:	112				
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:	213				
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:	252				
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:	122				
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:	263				
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:	148				
Waste Description:		INORGANIC LABORATORY CHEMICALS			

72	1 of 1	N/173.9	61.4 / -6.94	ON	BORE
Borehole ID:	847976			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Diamond Drill			UTM Zone:	18
Easting:	443925			Northing:	5028379
Location Accuracy:				Orig. Ground Elev m:	60.3
Elev. Reliability Note:				DEM Ground Elev m:	61
Total Depth m:	7			Primary Name:	
Township:	NEPEAN			Concession:	CON 1 ON OTTAWA RIVER
Lot:	LOT 38			Municipality:	
Completion Date:	04-DEC-1962			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	6559447			Top Depth(m):	0.0
Bottom Depth(m):	0.1			Stratum Desc:	ASPHALT
Stratum ID:	6559448			Top Depth(m):	0.1
Bottom Depth(m):	1.1			Stratum Desc:	FILL (GRAVEL AND SAND)
Stratum ID:	6559449			Top Depth(m):	1.1
Bottom Depth(m):	4.9			Stratum Desc:	BROWN, STIFF, CLAYEY SILT CHANGING TO STIFF TO SOFT GREY, SILTY CLAY
Stratum ID:	6559450			Top Depth(m):	4.9
Bottom Depth(m):	5.9			Stratum Desc:	2in. GRAVEL LAYER
Stratum ID:	6559451			Top Depth(m):	5.9
Bottom Depth(m):	7.0			Stratum Desc:	DENSE, SILTY, FINE SAND, GRAVEL (GLACIAL TILL)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
73	1 of 1	S/183.5	72.9 / 4.55	ON	BORE
Borehole ID:		847376	Type:		Borehole
Use:		Geotechnical/Geological Investigation	Status:		Decommissioned
Drill Method:		Boring	UTM Zone:		18
Easting:		443863	Northing:		5027800
Location Accuracy:			Orig. Ground Elev m:		72.9
Elev. Reliability Note:			DEM Ground Elev m:		75.7
Total Depth m:		4.5	Primary Name:		
Township:		NEPEAN	Concession:		CON 1 ON OTTAWA RIVER
Lot:		LOT 38	Municipality:		
Completion Date:		27-APR-1959	Static Water Level:		-999.9
Primary Water Use:			Sec. Water Use:		
--Details--					
Stratum ID:		6557094	Top Depth(m):		0.0
Bottom Depth(m):		1.2	Stratum Desc:		FILL
Stratum ID:		6557095	Top Depth(m):		1.2
Bottom Depth(m):		1.9	Stratum Desc:		DENSE GRAVELLY TILL
Stratum ID:		6557096	Top Depth(m):		1.9
Bottom Depth(m):		2.0	Stratum Desc:		BROKEN LIMESTONE
Stratum ID:		6557097	Top Depth(m):		2.0
Bottom Depth(m):		3.0	Stratum Desc:		LIMESTONE (CORE RECOVERY 87%)
Stratum ID:		6557098	Top Depth(m):		3.0
Bottom Depth(m):		4.1	Stratum Desc:		LIMESTONE (CORE RECOVERY 83%)
Stratum ID:		6557099	Top Depth(m):		4.1
Bottom Depth(m):		4.5	Stratum Desc:		LIMESTONE (CORE RECOVERY 82%)
74	1 of 1	WNW/190.0	67.0 / -1.40	ON	BORE
Borehole ID:		613139	Type:		Borehole
Use:			Status:		
Drill Method:			UTM Zone:		18
Easting:		443631	Northing:		5028222
Location Accuracy:			Orig. Ground Elev m:		63
Elev. Reliability Note:			DEM Ground Elev m:		65.2
Total Depth m:		9.7	Primary Name:		
Township:			Concession:		
Lot:			Municipality:		
Completion Date:		AUG-1970	Static Water Level:		-999.9
Primary Water Use:			Sec. Water Use:		
--Details--					
Stratum ID:		218393855	Top Depth(m):		0.0
Bottom Depth(m):		0.8	Stratum Desc:		ARTIFICIAL.
Stratum ID:		218393856	Top Depth(m):		0.8
Bottom Depth(m):		2.6	Stratum Desc:		SAND. DENSE.
Stratum ID:		218393857	Top Depth(m):		2.6
Bottom Depth(m):		3.8	Stratum Desc:		CLAY. BROWN,GREY,STIFF,FISSURED.
Stratum ID:		218393858	Top Depth(m):		3.8
Bottom Depth(m):		4.6	Stratum Desc:		UNSPECIFIED. LOOSE,DENSE.

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum ID: Bottom Depth(m):	218393859 6.6			Top Depth(m): Stratum Desc:	4.6 UNSPECIFIED. DENSE.
Stratum ID: Bottom Depth(m):	218393860 8.1			Top Depth(m): Stratum Desc:	6.6 BEDROCK.
Stratum ID: Bottom Depth(m):	218393861 9.7			Top Depth(m): Stratum Desc:	8.1 BEDROCK. 00000 009 00025 010 00085 032 00126 012 00150 010 000000370002503900

75	1 of 2	NW/191.9	64.9 / -3.44	49 Bayswater Avenue, Ottawa ON K1Y 2E7	INC
Incident No:	399906				
Incident ID:	2551556				
Attribute Category:	FS-Incident				
Status Code:	Causal Analysis Complete				
Incident Location:	49 Bayswater Avenue, Ottawa - 1" Pipeline Hit				
Drainage System:					
Sub Surface Contam.:					
Aff. Prop. Use Water:					
Contam. Migrated:					
Contact Natural Env.:					
Near Body of Water:					
Approx. Quant. Rel.:					
Equipment Model:					
Serial No:					
Residential App. Type:					
Commercial App. Type:					
Industrial App. Type:					
Institutional App. Type:					
Venting Type:					
Vent Connector Mater:					
Vent Chimney Mater:					
Pipeline Type:	Service / Riser Distribution Pipeline				
Pipeline Involved:					
Pipe Material:	Plastic				
Depth Ground Cover:	0.6				
Regulator Location:	Outside				
Regulator Type:	Service Regulator (up to 60 psi intake)				
Operation Pressure:	60				
Liquid Prop Make:					
Liquid Prop Model:					
Liquid Prop Serial No:					
Equipment Type:					
Cylinder Capacity:					
Cylinder Capac. Units:					
Cylinder Material Type:					
Tank Capacity:					
Fuels Occurrence Type:					
Fuel Type Involved:					
Date of Occurrence:					
Time of Occurrence:					
Occur Insp Start Date:					
Any Health Impact:					
Any Environmental Impact:					
Was Service Interrupted:					
Was Property Damaged:					
Operation Type Involved:					
Enforcement Policy:					
Prc Escalation Required:					
Task No:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Notes: Occurrence Narrative: contractor hit gas line with mini excavator. Had locates and did not use them. Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Capac: Liquid Prop Notes:					
75	2 of 2	NW/191.9	64.9 / -3.44	Broadband Maintenance Inc. <UNOFFICIAL> 49 Bayswater Ave Ottawa ON K1Y 2E7	SPL
Ref No: 5553-863QB4 Site No: Incident Dt: Year: Incident Cause: Discharge or Emission to Air Incident Event: Contaminant Code: 35 Contaminant Name: METHANE GAS, COMPRESSED (NATURAL GAS) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Referral to others Dt MOE Arvl on Scn: MOE Reported Dt: 6/3/2010 Dt Document Closed: 6/10/2010 Incident Reason: Spill Site Name: gas service damage<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: TSSA FSB: 1inch plastic made safe Contaminant Qty:					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Other Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch Source Type:					
76	1 of 2	WSW/192.9	68.8 / 0.43	93 Spadina Avenue, Ottawa ON	PINC
Incident ID: 2838470 Incident No: 681618 Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Fuel Occurrence Tp: Pipeline Strike Fuel Type: Natural Gas Tank Status: RC Established Task No: 3528626 Spills Action Centre: 6007-8N8LUN Method Details: E-mail Fuel Category: Natural Gas Date of Occurrence: 11/2/2011 0:00 Occurrence Start Date: 2011/11/03 Operation Type: Construction Site (pipeline strike) Pipeline Type: Service / Riser Distribution Pipeline Regulator Type: Service Regulator (up to 60 psi intake) Summary: 93 Spadina Avenue, Ottawa - 1/2" Pipeline Hit Reported By: Todd Stiles - Enbridge Gas Distribution Inc. Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)					
Health Impact: No Environment Impact: No Property Damage: Yes Service Interrupt: Yes Enforce Policy: Yes Public Relation: No Pipeline System: Depth: 16 Pipe Material: Plastic PSIG: 40 Attribute Category: FS-Perform P-line Inc Invest Regulator Location: Outside					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Occurrence Desc:		foundation repairs			
Damage Reason:		Excavation practices not sufficient			
Notes:		used pick axe over gas line			
76	2 of 2	WSW/192.9	68.8 / 0.43	Enbridge Gas Distribution Inc. 93 Spadina Ave. Ottawa ON K1Y 2B9	SPL
Ref No:		6007-8N8LUN		Discharger Report:	
Site No:				Material Group:	
Incident Dt:		11/2/2011		Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:		Discharge or Emission to Air		Sector Type:	Pipeline
Incident Event:				Agency Involved:	
Contaminant Code:		35		Nearest Watercourse:	
Contaminant Name:		NATURAL GAS (METHANE)		Site Address:	93 Spadina 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:				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:				SAC Action Class:	TSSA - Fuel Safety Branch
Incident Reason:		Other - Reason not otherwise defined		Source Type:	
Site Name:		93 Spadina Avenue<UNOFFICIAL>			
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:		TSSA FSB-Ottawa, 1/2" plastic, safe, 1 evac			
Contaminant Qty:		0 other - see incident description			
77	1 of 1	ENE/194.6	63.9 / -4.49	ON	BORE
Borehole ID:		613131		Type:	Borehole
Use:				Status:	
Drill Method:				UTM Zone:	18
Easting:		444131		Northing:	5028142
Location Accuracy:				Orig. Ground Elev m:	61
Elev. Reliability Note:				DEM Ground Elev m:	60.6
Total Depth m:		-999		Primary Name:	
Township:				Concession:	
Lot:				Municipality:	
Completion Date:				Static Water Level:	2.8
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:		218393835		Top Depth(m):	0.0
Bottom Depth(m):		0.6		Stratum Desc:	GRAVEL.
Stratum ID:		218393836		Top Depth(m):	0.6
Bottom Depth(m):		1.5		Stratum Desc:	SAND,GRAVEL. BROWN.
Stratum ID:		218393837		Top Depth(m):	1.5
Bottom Depth(m):		2.7		Stratum Desc:	SAND,SILT,GRAVEL. GREY.
Stratum ID:		218393838		Top Depth(m):	2.7
Bottom Depth(m):		3.0		Stratum Desc:	BOULDERS. COMPACT.

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum ID: Bottom Depth(m):	218393839			Top Depth(m): Stratum Desc:	3.0 BEDROCK. BEDROCK. BLACK. 0050 081 000100670000500900050049COMPACT, WATER STABLE AT 190
<u>78</u>	1 of 1	ESE/197.5	65.8 / -2.55	ON	BORE
Borehole ID: Use: Drill Method: Easting: Location Accuracy: Elev. Reliability Note: Total Depth m: Township: Lot: Completion Date: Primary Water Use:	847978 Geotechnical/Geological Investigation Diamond Drill 444170 7.4 NEPEAN LOT 38 05-DEC-1961			Type: Status: UTM Zone: Northing: Orig. Ground Elev m: DEM Ground Elev m: Primary Name: Concession: Municipality: Static Water Level: Sec. Water Use:	Borehole Decommissioned 18 5028024 62.6 60 CON 1 ON OTTAWA RIVER -999.9
--Details-- Stratum ID: Bottom Depth(m):	6559454 1.8			Top Depth(m): Stratum Desc:	0.0 BROWN SAND, SILT AND GRAVEL (PROBABLY FILL)
Stratum ID: Bottom Depth(m):	6559455 2.9			Top Depth(m): Stratum Desc:	1.8 GREY, STIFF. CLAYEY SILT
Stratum ID: Bottom Depth(m):	6559456 7.4			Top Depth(m): Stratum Desc:	2.9 LIMESTONE BEDROCK 80%-100% RECOVERY
<u>79</u>	1 of 1	S/204.6	72.9 / 4.51	ON	BORE
Borehole ID: Use: Drill Method: Easting: Location Accuracy: Elev. Reliability Note: Total Depth m: Township: Lot: Completion Date: Primary Water Use:	847377 Geotechnical/Geological Investigation Boring 443862 4.8 NEPEAN LOT 38 28-APR-1959			Type: Status: UTM Zone: Northing: Orig. Ground Elev m: DEM Ground Elev m: Primary Name: Concession: Municipality: Static Water Level: Sec. Water Use:	Borehole Decommissioned 18 5027779 72.9 76.7 CON 1 ON OTTAWA RIVER -999.9
--Details-- Stratum ID: Bottom Depth(m):	6557100 0.5			Top Depth(m): Stratum Desc:	0.0 FILL
Stratum ID: Bottom Depth(m):	6557101 1.1			Top Depth(m): Stratum Desc:	0.5 MEDIUM DENSE TILL
Stratum ID: Bottom Depth(m):	6557102 1.8			Top Depth(m): Stratum Desc:	1.1 DENSE TILL
Stratum ID: Bottom Depth(m):	6557103 2.7			Top Depth(m): Stratum Desc:	1.8 LIMESTONE (CORE RECOVERY 78%)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum ID: 6557104 Bottom Depth(m): 4.8				Top Depth(m): 2.7 Stratum Desc: LIMESTONE (CORE RECOVERY 81%)	
80	1 of 5	NNW/208.1	62.8 / -5.54	1040 Somerset St. W Ottawa ON	EHS
Order No: 20120516034 Status: C Report Type: Standard Report Report Date: 28-MAY-12 Date Received: 16-MAY-12 Previous Site Name: Lot/Building Size: Additional Info Ordered:				Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.718876 Y: 45.406752	
80	2 of 5	NNW/208.1	62.8 / -5.54	AERO MECHTRONICS LIMITED 1040 SOMERSET STREET WEST OTTAWA ON K1Y 4L3	GEN
Generator No: ON0507400 Status: Approval Years: 99,00,01 Contam. Facility: MHSW Facility: SIC Code: 3041 SIC Description: COATING OF METAL PR.				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details-- Waste Code: 131 Waste Description: NEUTRALIZED WASTES - HEAVY METALS					
80	3 of 5	NNW/208.1	62.8 / -5.54	AERO MECHTRONICS LIMITED 1040 SOMERSET STREET WEST OTTAWA ON K1Y 4L3	GEN
Generator No: ON0507400 Status: Approval Years: 86,87,88,89 Contam. Facility: MHSW Facility: SIC Code: 3041 SIC Description: COATING OF METAL PR.				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details-- Waste Code: 131 Waste Description: NEUTRALIZED WASTES - HEAVY METALS					
80	4 of 5	NNW/208.1	62.8 / -5.54	AERO MECHTRONICS LIMITED 01-084 1040 SOMERSET STREET WEST OTTAWA ON K1Y 4L3	GEN
Generator No: ON0507400 Status: Approval Years: 92,93,94,95,96,97,98 Contam. Facility: MHSW Facility: SIC Code: 3041				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 Description:		COATING OF METAL PR.			
--Details--					
Waste Code:		131			
Waste Description:		NEUTRALIZED WASTES - HEAVY METALS			

80	5 of 5	NNW/208.1	62.8 / -5.54	OTTAWA ON	WWIS
Well ID:		7184358		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Monitoring		Date Received:	
Sec. Water Use:				Selected Flag:	
Final Well Status:		Test Hole		Abandonment Rec:	
Water Type:				Contractor:	
Casing Material:				Form Version:	
Audit No:		Z140766		Owner:	
Tag:		A133892		Street Name:	
Construction Method:				County:	
Elevation (m):				Municipality:	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:		1004013583		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		18-JUN-12		UTMRC Desc:	
Remarks:				Location Method:	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID:		1004373865	
Layer:		1	
Color:		6	
General Color:		BROWN	
Mat1:		28	
Most Common Material:		SAND	
Mat2:		06	
Other Materials:		SILT	
Mat3:		12	
Other Materials:		STONES	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		0			
Formation End Depth:		2.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004373869			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		13.4			
Formation End Depth:		14.3			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004373868			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		12			
Other Materials:		STONES			
Mat3:		28			
Other Materials:		SAND			
Formation Top Depth:		10.9			
Formation End Depth:		13.4			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004373870			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		14.3			
Formation End Depth:		24.3			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004373867			
Layer:		3			
Color:		2			
General Color:		GREY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		3			
Formation End Depth:		10.9			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004373866			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		2.1			
Formation End Depth:		3			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004373878			
Layer:		1			
Plug From:		0			
Plug To:		14.3			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004373877			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		AIR ROTARY			
<u>Pipe Information</u>					
Pipe ID:		1004373864			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004373874			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		14.3			
Depth To:		24.3			
Casing Diameter:		15.55			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		1004373873			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0			
Depth To:		14.3			
Casing Diameter:		15.55			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004373875			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1004373872			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004373871			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>81</u>	1 of 1	SSW/209.4	72.9 / 4.51	ON	BORE
Borehole ID:	847375			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Boring			UTM Zone:	18
Easting:	443831			Northing:	5027782
Location Accuracy:				Orig. Ground Elev m:	73.1
Elev. Reliability Note:				DEM Ground Elev m:	76.2
Total Depth m:	6			Primary Name:	
Township:	NEPEAN			Concession:	CON 1 ON OTTAWA RIVER
Lot:	LOT 37			Municipality:	
Completion Date:	30-APR-1959			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
<u>--Details--</u>					
Stratum ID:	6557086			Top Depth(m):	0.0
Bottom Depth(m):	0.8			Stratum Desc:	FILL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum ID: Bottom Depth(m):	6557087 0.9			Top Depth(m): Stratum Desc:	0.8 DENSE TILL
Stratum ID: Bottom Depth(m):	6557088 1.4			Top Depth(m): Stratum Desc:	0.9 LIMESTONE (WEATHERED) (CORE RECOVERY 22%)
Stratum ID: Bottom Depth(m):	6557089 1.9			Top Depth(m): Stratum Desc:	1.4 LIMESTONE (CORE RECOVERY 88%)
Stratum ID: Bottom Depth(m):	6557090 2.5			Top Depth(m): Stratum Desc:	1.9 LIMESTONE (CORE RECOVERY 79%)
Stratum ID: Bottom Depth(m):	6557091 2.9			Top Depth(m): Stratum Desc:	2.5 LIMESTONE (CORE RECOVERY 67%) (CALCITE SEAMS)
Stratum ID: Bottom Depth(m):	6557092 4.6			Top Depth(m): Stratum Desc:	2.9 FRACTURED LIMESTONE (CORE RECOVERY 72%)
Stratum ID: Bottom Depth(m):	6557093 6.0			Top Depth(m): Stratum Desc:	4.6 LIMESTONE (CORE RECOVERY 91%)
82	1 of 3	NW/214.7	63.6 / -4.77	ACKLANDS LIMITED 1050 SOMERSET ST. WEST OTTAWA ON K1Y 3C5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0021803 90 6359 OTHER VEH. REPAIR			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details-- Waste Code: Waste Description:	 122 ALKALINE WASTES - OTHER METALS				
82	2 of 3	NW/214.7	63.6 / -4.77	ACKLANDS LIMITED 1050 SOMERSET STREET WEST OTTAWA ON K1Y 3C5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0021803 98 6359 OTHER VEH. REPAIR			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details-- Waste Code: Waste Description:	 122 ALKALINE WASTES - OTHER METALS				
82	3 of 3	NW/214.7	63.6 / -4.77	ACKLANDS LIMITED 02-414 1050 SOMERSET ST. WEST	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
OTTAWA ON K1Y 3C5					
Generator No:	ON0021803			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96,97			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	6359				
SIC Description:	OTHER VEH. REPAIR				
--Details--					
Waste Code:	122				
Waste Description:	ALKALINE WASTES - OTHER METALS				

83	1 of 1	S/215.0	72.9 / 4.51	ON	BORE
Borehole ID:	847374			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Boring			UTM Zone:	18
Easting:	443845			Northing:	5027772
Location Accuracy:				Orig. Ground Elev m:	73
Elev. Reliability Note:				DEM Ground Elev m:	76.5
Total Depth m:	4.6			Primary Name:	
Township:	NEPEAN			Concession:	CON 1 ON OTTAWA RIVER
Lot:	LOT 37			Municipality:	
Completion Date:	29-APR-1959			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	6557080			Top Depth(m):	0.0
Bottom Depth(m):	0.5			Stratum Desc:	FILL
Stratum ID:	6557081			Top Depth(m):	0.5
Bottom Depth(m):	1.1			Stratum Desc:	DENSE GRAVELLY TILL
Stratum ID:	6557082			Top Depth(m):	1.1
Bottom Depth(m):	1.6			Stratum Desc:	WEATHERED LIMESTONE (CORE RECOVERY 65%)
Stratum ID:	6557083			Top Depth(m):	1.6
Bottom Depth(m):	3.2			Stratum Desc:	LIMESTONE (CORE RECOVERY 75%)
Stratum ID:	6557084			Top Depth(m):	3.2
Bottom Depth(m):	4.1			Stratum Desc:	LIMESTONE (CORE RECOVERY 75%)
Stratum ID:	6557085			Top Depth(m):	4.1
Bottom Depth(m):	4.6			Stratum Desc:	LIMESTONE (SOME VERTICAL JOINTS) (CORE RECOVERY 75%)

84	1 of 1	S/216.7	72.9 / 4.51	ON	BORE
Borehole ID:	847378			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Boring			UTM Zone:	18
Easting:	443877			Northing:	5027765
Location Accuracy:				Orig. Ground Elev m:	72.1
Elev. Reliability Note:				DEM Ground Elev m:	76.6
Total Depth m:	4.8			Primary Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Township: Lot: Completion Date: Primary Water Use:	NEPEAN LOT 38 28-APR-1959			Concession: Municipality: Static Water Level: Sec. Water Use:	CON 1 ON OTTAWA RIVER -999.9
--Details--					
Stratum ID: Bottom Depth(m):	6557105 0.8			Top Depth(m): Stratum Desc:	0.0 FILL
Stratum ID: Bottom Depth(m):	6557106 1.5			Top Depth(m): Stratum Desc:	0.8 LIMESTONE (WEATHERED) (CORE RECOVERY 62%)
Stratum ID: Bottom Depth(m):	6557107 2.1			Top Depth(m): Stratum Desc:	1.5 LIMESTONE (WEATHERED) (CORE RECOVERY 50%)
Stratum ID: Bottom Depth(m):	6557108 2.8			Top Depth(m): Stratum Desc:	2.1 LIMESTONE (CORE RECOVERY 79%)
Stratum ID: Bottom Depth(m):	6557109 4.3			Top Depth(m): Stratum Desc:	2.8 LIMESTONE (CORE RECOVERY 100%)
Stratum ID: Bottom Depth(m):	6557110 4.8			Top Depth(m): Stratum Desc:	4.3 LIMESTONE (CORE RECOVERY 100%)
85	1 of 1	W/222.9	68.9 / 0.51	ON	BORE
Borehole ID: Use: Drill Method: Easting: Location Accuracy: Elev. Reliability Note: Total Depth m: Township: Lot: Completion Date: Primary Water Use:	613118 443621 -999 MAY-1960			Type: Status: UTM Zone: Northing: Orig. Ground Elev m: DEM Ground Elev m: Primary Name: Concession: Municipality: Static Water Level: Sec. Water Use:	Borehole 18 5028062 67.1 69.1 -999.9
--Details--					
Stratum ID: Bottom Depth(m):	218393784 0.6			Top Depth(m): Stratum Desc:	0.0 SAND.
Stratum ID: Bottom Depth(m):	218393785 1.1			Top Depth(m): Stratum Desc:	0.6 BOULDERS.
Stratum ID: Bottom Depth(m):	218393786 1.7			Top Depth(m): Stratum Desc:	1.1 BOULDERS.
Stratum ID: Bottom Depth(m):	218393787 			Top Depth(m): Stratum Desc:	1.7 BEDROCK. FEET.SAND. GRAVEL. COMPACT. GRAVEL. COMPACT. FIBROUS. SAND. GREY,COMPACT.
86	1 of 1	SE/224.2	68.9 / 0.51	ON	BORE
Borehole ID: Use:	847372 Geotechnical/Geological Investigation			Type: Status:	Borehole Decommissioned

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Drill Method:	Diamond Drill			UTM Zone:	18
Easting:	444144			Northing:	5027870
Location Accuracy:				Orig. Ground Elev m:	65.8
Elev. Reliability Note:				DEM Ground Elev m:	72.1
Total Depth m:	9.1			Primary Name:	
Township:	NEPEAN			Concession:	CON 1 ON OTTAWA RIVER
Lot:	LOT 38			Municipality:	
Completion Date:	12-MAY-1959			Static Water Level:	1.9
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	6557062			Top Depth(m):	0.0
Bottom Depth(m):	0.8			Stratum Desc:	FILL
Stratum ID:	6557063			Top Depth(m):	0.8
Bottom Depth(m):	1.5			Stratum Desc:	MEDIUM DENSE TILL
Stratum ID:	6557064			Top Depth(m):	1.5
Bottom Depth(m):	2.3			Stratum Desc:	DENSE TILL
Stratum ID:	6557065			Top Depth(m):	2.3
Bottom Depth(m):	3.0			Stratum Desc:	MEDIUM DENSE SANDY TILL
Stratum ID:	6557066			Top Depth(m):	3.0
Bottom Depth(m):	3.4			Stratum Desc:	MEDIUM DENSE TILL WITH POCKETS OF SILT AND WELL GRADED SAND
Stratum ID:	6557067			Top Depth(m):	3.4
Bottom Depth(m):	3.8			Stratum Desc:	LOOSE TILL WITH SILT POCKETS
Stratum ID:	6557068			Top Depth(m):	3.8
Bottom Depth(m):	4.4			Stratum Desc:	MEDIUM DENSE FINE SAND WITH A LITTLE COARSE SAND
Stratum ID:	6557069			Top Depth(m):	4.4
Bottom Depth(m):	4.7			Stratum Desc:	MEDIUM DENSE SANDY SILT
Stratum ID:	6557070			Top Depth(m):	4.7
Bottom Depth(m):	6.1			Stratum Desc:	MEDIUM DENSE TILL
Stratum ID:	6557071			Top Depth(m):	6.1
Bottom Depth(m):	7.6			Stratum Desc:	SHALY LIMESTONE, CORE RECOVERY 91%
Stratum ID:	6557072			Top Depth(m):	7.6
Bottom Depth(m):	9.1			Stratum Desc:	SHALY LIMESTONE, CORE RECOVERY 100%

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1 of 5

SE/227.4

68.9 / 0.56

4461916 Canada Corp.
53 Young St Lot Part of Block D, Part 1, Ref. Plan
5R-8356 Registered Plan 73
Ottawa ON

CA

Certificate #: 3327-8HNNH2B
Application Year: 2011
Issue Date: 6/30/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

258 erisinfo.com | Environmental Risk Information Services Order No: 20190501135

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
RA No: RSC Type: Curr Property Use: Industrial Ministry District: OTTAWA Filing Date: 26-Jan-11 Date Ack: Date Returned: Restoration Type: Soil Type: Criteria: CPU Issued Sect No 1686: Asmt Roll No: 0614 063.501.65300.0000 Prop ID No: 04106-0150 LT Property Municipal Address: 53 YOUNG ST, OTTAWA, ON, K1Y 3P5 Mailing Address: 217 ANCASTER AVE, OTTAWA, ON, K2B 5B2 Latitude & Longitude: 45.40166670N 75.71416670W UTM Coordinates: NAD83 18-444107-5027820 (converted from Latitude & Longitude) Consultant: Filing Owner: Legal Desc: PT BLK D, PL 73, PART 1, 5R8356; OTTAWA/NEPEAN Measurement Method: Digitized from a satellite image Applicable Standards: Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use RSC PDF: Cert Prop Use No: Intended Prop Use: Qual Person Name: Stratified (Y/N): Audit (Y/N): Entire Leg Prop. (Y/N): Yes Accuracy Estimate: 11 to 20 meters Telephone: 613-7260606 Fax: 613-6801565 Email: legacyhomes@rogers.com					
88	1 of 1	S/229.0	74.0 / 5.60	ON	BORE
Borehole ID: 613095 Use: Drill Method: Easting: 443881 Location Accuracy: Elev. Reliability Note: Total Depth m: -999 Township: Lot: Completion Date: Primary Water Use: Type: Status: UTM Zone: 18 Northing: 5027752 Orig. Ground Elev m: 73.6 DEM Ground Elev m: 75.4 Primary Name: Concession: Municipality: Static Water Level: -999.9 Sec. Water Use:					
--Details-- Stratum ID: 218393686 Bottom Depth(m): 0.6 Stratum ID: 218393687 Bottom Depth(m): 0.9 Stratum ID: 218393688 Bottom Depth(m): 1.2 Stratum ID: 218393689 Bottom Depth(m): 1.8 Stratum ID: 218393690 Bottom Depth(m): Top Depth(m): 0.0 Stratum Desc: FILL. Top Depth(m): 0.6 Stratum Desc: SAND. Top Depth(m): 0.9 Stratum Desc: CLAY. Top Depth(m): 1.2 Stratum Desc: TILL. Top Depth(m): 1.8 Stratum Desc: BEDROCK. BEDROCK. 00000 015 00000040005022SAND. DENSE. SAND. DENSE TO VERY DENS					
89	1 of 1	E/229.6	64.8 / -3.57	Ottawa Salus Corporation Lot 7, Bk 123, Reg. Plan 34, 930-934 Gladstone Ave	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ottawa ON K1Y 2X5					
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:	0868-4ZPQAJ 2001-08-20 Approved ECA IDS Rideau Valley ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS Lot 7, Bk 123, Reg. Plan 34, 930-934 Gladstone Ave https://www.accessenvironment.ene.gov.on.ca/instruments/4602-4YRPV5-14.pdf			MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: Ottawa Ottawa -75.7120099999999 45.4050499999999	
90	1 of 3	NW/229.9	63.9 / -4.49	Esprit de Corps Inc. 1066 Somerset St W Unit 204 Ottawa ON K1Y 4T3	SCT
Established: Plant Size (ft²): Employment: --Details-- Description: SIC/NAICS Code: Description: SIC/NAICS Code:	01-AUG-91 1100 Periodical Publishers 511120 Periodical Publishers 511120				
90	2 of 3	NW/229.9	63.9 / -4.49	Grafik Visuals A-1066 Somerset St W Ottawa ON K1Y 4T3	SCT
Established: Plant Size (ft²): Employment: --Details-- Description: SIC/NAICS Code: Description: SIC/NAICS Code:	01-JAN-86 1150 Sign Manufacturing 339950 Sign Manufacturing 339950				
90	3 of 3	NW/229.9	63.9 / -4.49	ESPRIT DE CORPS 1066 SOMERSET ST W SUITE 204 OTTAWA ON K1Y 4T3	SCT
Established: Plant Size (ft²): Employment: --Details-- Description: SIC/NAICS Code:	1991 1096 4 Periodical Publishers 511120				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
91	1 of 1	ENE/235.3	63.9 / -4.49	V Steel Works Ltd. 17 Larch St Ottawa ON K1R 6W4	SCT
Established: Plant Size (ft²): Employment:		7/1/1975			
--Details--					
Description:		All Other Industrial Machinery Manufacturing			
SIC/NAICS Code:		333299			
Description:		Other Plate Work and Fabricated Structural Product Manufacturing			
SIC/NAICS Code:		332319			
Description:		Other Ornamental and Architectural Metal Product Manufacturing			
SIC/NAICS Code:		332329			
92	1 of 1	ESE/235.4	66.9 / -1.42	ON	BORE
Borehole ID:		847367	Type:		Borehole
Use:		Geotechnical/Geological Investigation	Status:		Decommissioned
Drill Method:		Diamond Drill	UTM Zone:		18
Easting:		444191	Northing:		5027927
Location Accuracy:			Orig. Ground Elev m:		63.1
Elev. Reliability Note:			DEM Ground Elev m:		67.7
Total Depth m:		5	Primary Name:		
Township:		NEPEAN	Concession:		CON 1 ON OTTAWA RIVER
Lot:		LOT 38	Municipality:		
Completion Date:		08-MAY-1959	Static Water Level:		-999.9
Primary Water Use:			Sec. Water Use:		
--Details--					
Stratum ID:		6557036	Top Depth(m):		0.0
Bottom Depth(m):		1.2	Stratum Desc:		FILL
Stratum ID:		6557037	Top Depth(m):		1.2
Bottom Depth(m):		1.8	Stratum Desc:		MEDIUM DENSE FINE SAND
Stratum ID:		6557038	Top Depth(m):		1.8
Bottom Depth(m):		2.3	Stratum Desc:		MEDIUM DENSE SANDY SILT WITH FEW PEBBLES
Stratum ID:		6557039	Top Depth(m):		2.3
Bottom Depth(m):		3.4	Stratum Desc:		SHALEY LIMESTONE, CORE RECOVERY 85%
Stratum ID:		6557040	Top Depth(m):		3.4
Bottom Depth(m):		5.0	Stratum Desc:		SHALEY LIMESTONE, CORE RECOVERY 80%
93	1 of 3	WSW/236.1	69.2 / 0.82	86-88 Spadina Ave Ottawa ON K1Y 2C1	EHS
Order No:		19990331002	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		Complete Report	Client Prov/State:		ON
Report Date:		4/7/99	Search Radius (km):		0.35
Date Received:		3/31/99	X:		-75.720274

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Previous Site Name: Lot/Building Size: Additional Info Ordered:				Y: 45.403354	
93	2 of 3	WSW/236.1	69.2 / 0.82	86 Spadina Avenue Ottawa ON K1Y 2C1	EHS
Order No: 20091014040 Status: C Report Type: Standard Report Report Date: 10/23/2009 Date Received: 10/14/2009 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.720321 Y: 45.403348			
93	3 of 3	WSW/236.1	69.2 / 0.82	86-88 Spadina Avenue Ottawa ON K1Y 2C1	EHS
Order No: 20090407002 Status: C Report Type: Custom Report Report Date: 4/16/2009 Date Received: 4/7/2009 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.720507 Y: 45.403321			
94	1 of 1	S/236.2	73.9 / 5.56	ON	BORE
Borehole ID: 847373 Use: Geotechnical/Geological Investigation Drill Method: Boring Easting: 443843 Location Accuracy: Elev. Reliability Note: Total Depth m: 5.3 Township: NEPEAN Lot: LOT 37 Completion Date: 29-APR-1959 Primary Water Use:		Type: Borehole Status: Decommissioned UTM Zone: 18 Northing: 5027750 Orig. Ground Elev m: 72.2 DEM Ground Elev m: 75.7 Primary Name: Concession: CON 1 ON OTTAWA RIVER Municipality: Static Water Level: -999.9 Sec. Water Use:			
--Details--					
Stratum ID: 6557073		Top Depth(m): 0.0			
Bottom Depth(m): 0.5		Stratum Desc: FILL			
Stratum ID: 6557074		Top Depth(m): 0.5			
Bottom Depth(m): 0.9		Stratum Desc: LIMESTONE (WEATHERED) (CORE RECOVERY 43%)			
Stratum ID: 6557075		Top Depth(m): 0.9			
Bottom Depth(m): 1.7		Stratum Desc: LIMESTONE (WEATHERED) (CORE RECOVERY 47%) (CALCITE SEAMS)			
Stratum ID: 6557076		Top Depth(m): 1.7			
Bottom Depth(m): 2.2		Stratum Desc: LIMESTONE (WEATHERED) (CORE RECOVERY 67%)			
Stratum ID: 6557077		Top Depth(m): 2.2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth(m):	4.0			Stratum Desc:	LIMESTONE (CORE RECOVERY 75%)
Stratum ID:	6557078			Top Depth(m):	4.0
Bottom Depth(m):	5.0			Stratum Desc:	LIMESTONE (CORE RECOVERY 100%)
Stratum ID:	6557079			Top Depth(m):	5.0
Bottom Depth(m):	5.3			Stratum Desc:	LIMESTONE (CORE RECOVERY 100%)
95	1 of 2	E/237.6	65.9 / -2.49	L'ORA DI OTTAWA 203 LOUISA ST OTTAWA ON K1R 6Y9	SCT
Established:	1969				
Plant Size (ft²):	0				
Employment:	4				
--Details--					
Description:	Newspaper Publishers				
SIC/NAICS Code:	511110				
95	2 of 2	E/237.6	65.9 / -2.49	L'Ora di Ottawa (1987) Ltd. 203 Louisa St Ottawa ON K1R 6Y9	SCT
Established:	01-AUG-68				
Plant Size (ft²):					
Employment:					
--Details--					
Description:	Newspaper Publishers				
SIC/NAICS Code:	511110				
96	1 of 1	E/239.6	64.9 / -3.49	Lot 7, Bk 123, Reg. Plan 34, 930-934 Gladstone Ave Ottawa ON K1R 6Y4	CA
Certificate #:	0868-4ZPQAJ				
Application Year:	01				
Issue Date:	8/20/01				
Approval Type:	Municipal & Private sewage				
Status:	Approved				
Application Type:	New Certificate of Approval				
Client Name:	Ottawa Salus Corporation				
Client Address:	945 Wellington Street, Suite 200				
Client City:	Ottawa				
Client Postal Code:	K1Y 2X5				
Project Description:	This application is for a stormwater management facility, consisting of manhole and catchbasin storage plus parking lot ponding for the proposed development at 930-934 Gladstone Avenue, approximately 100 m west of Preston Street in the City of Ottawa.				
Contaminants:					
Emission Control:					
97	1 of 1	NW/240.1	65.2 / -3.16	ON	BORE
Borehole ID:	613144			Type:	Borehole
Use:				Status:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Drill Method:				UTM Zone:	18
Easting:	443611			Northing:	5028302
Location Accuracy:				Orig. Ground Elev m:	61.8
Elev. Reliability Note:				DEM Ground Elev m:	63.1
Total Depth m:	8.4			Primary Name:	
Township:				Concession:	
Lot:				Municipality:	
Completion Date:	AUG-1970			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	218393886			Top Depth(m):	0.0
Bottom Depth(m):	1.5			Stratum Desc:	ARTIFICIAL.
Stratum ID:	218393887			Top Depth(m):	1.5
Bottom Depth(m):	2.1			Stratum Desc:	UNSPECIFIED. VERY DENSE.
Stratum ID:	218393888			Top Depth(m):	2.1
Bottom Depth(m):	2.4			Stratum Desc:	CLAY. BROWN,GREY,STIFF.
Stratum ID:	218393889			Top Depth(m):	2.4
Bottom Depth(m):	3.0			Stratum Desc:	UNSPECIFIED. DENSE.
Stratum ID:	218393890			Top Depth(m):	3.0
Bottom Depth(m):	3.8			Stratum Desc:	SAND. VERY DENSE.
Stratum ID:	218393891			Top Depth(m):	3.8
Bottom Depth(m):	4.0			Stratum Desc:	SILT. DENSE.
Stratum ID:	218393892			Top Depth(m):	4.0
Bottom Depth(m):	4.6			Stratum Desc:	UNSPECIFIED. DENSE.
Stratum ID:	218393893			Top Depth(m):	4.6
Bottom Depth(m):	5.4			Stratum Desc:	SAND. VERY DENSE.
Stratum ID:	218393894			Top Depth(m):	5.4
Bottom Depth(m):	8.4			Stratum Desc:	BEDROCK. 00000 015 00050 010 00070 055 00080 015 00100 016 00125 018 00130

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1 of 1

NE/241.0

63.2 / -5.18

ON

BORE

Borehole ID: 808695
Use: Geotechnical/Geological Investigation
Drill Method: Boring
Easting: 444076.25
Location Accuracy:
Elev. Reliability Note:
Total Depth m: 7.4
Township:
Lot:
Completion Date: 05-FEB-1965
Primary Water Use:

Type: Borehole
Status:
UTM Zone: 18
Northing: 5028364.76
Orig. Ground Elev m: 57.9
DEM Ground Elev m: 58.8
Primary Name: BH 3
Concession:
Municipality:
Static Water Level: 3.5
Sec. Water Use:

--Details--

Stratum ID: 218597394
Bottom Depth(m): 1.2

Top Depth(m): 0.0
Stratum Desc: Brown Hard Silty Clay

Stratum ID: 218597395
Bottom Depth(m): 4.7

Top Depth(m): 1.2
Stratum Desc: Grey Dense Silt - Sand

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum ID:	218597396			Top Depth(m):	4.7
Bottom Depth(m):	5.9			Stratum Desc:	Grey Dense Till sand silt With: Gr
Stratum ID:	218597397			Top Depth(m):	5.9
Bottom Depth(m):	7.4			Stratum Desc:	Dark Grey Limestone
99	1 of 1	SE/241.7	69.7 / 1.37	53 Young Street Ottawa ON K1S 5T5	EHS
Order No:	20100507019			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	5/13/2010			Search Radius (km):	0.25
Date Received:	5/7/2010			X:	-75.714074
Previous Site Name:				Y:	45.401665
Lot/Building Size:					
Additional Info Ordered:					
100	1 of 1	SE/244.0	67.9 / -0.49	ON	BORE
Borehole ID:	847371			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Diamond Drill			UTM Zone:	18
Easting:	444177			Northing:	5027881
Location Accuracy:				Orig. Ground Elev m:	65.3
Elev. Reliability Note:				DEM Ground Elev m:	70.2
Total Depth m:	6.8			Primary Name:	
Township:	NEPEAN			Concession:	CON 1 ON OTTAWA RIVER
Lot:	LOT 38			Municipality:	
Completion Date:	12-MAY-1959			Static Water Level:	.8
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	6557056			Top Depth(m):	0.0
Bottom Depth(m):	1.2			Stratum Desc:	FILL
Stratum ID:	6557057			Top Depth(m):	1.2
Bottom Depth(m):	2.3			Stratum Desc:	DENSE TILL WITH SOME SMALL SAND POCKETS
Stratum ID:	6557058			Top Depth(m):	2.3
Bottom Depth(m):	2.7			Stratum Desc:	MEDIUM DENSE FINE SAND WITH PEBBLES AND A 2in. SILT LAYER
Stratum ID:	6557059			Top Depth(m):	2.7
Bottom Depth(m):	3.6			Stratum Desc:	LOOSE SANDY TILL
Stratum ID:	6557060			Top Depth(m):	3.6
Bottom Depth(m):	5.2			Stratum Desc:	SHALY LIMESTONE, CORE RECOVERY 89%
Stratum ID:	6557061			Top Depth(m):	5.2
Bottom Depth(m):	6.8			Stratum Desc:	SHALY LIMESTONE, CORE RECOVERY 84%
101	1 of 1	NNW/249.4	61.9 / -6.49	ON	BORE
Borehole ID:	847981			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Diamond Drill			UTM Zone:	18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Easting:	443792			Nothing:	5028435
Location Accuracy:				Orig. Ground Elev m:	58.2
Elev. Reliability Note:				DEM Ground Elev m:	64.5
Total Depth m:	7.8			Primary Name:	
Township:	NEPEAN			Concession:	CON 1 ON OTTAWA RIVER
Lot:	LOT 38			Municipality:	
Completion Date:	15-DEC-1961			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	6559465			Top Depth(m):	0.0
Bottom Depth(m):	3.2			Stratum Desc:	BROWN SAND AND GRAVEL WITH BOULDERS (POSSIBLE FILL)
Stratum ID:	6559466			Top Depth(m):	3.2
Bottom Depth(m):	6.4			Stratum Desc:	SOFT TO FIRM GREY CLAY, TRACE OF SILT
Stratum ID:	6559467			Top Depth(m):	6.4
Bottom Depth(m):	7.8			Stratum Desc:	VERY DENSE SILTY TILL, SOME SAND AND GRAVEL

102	1 of 1	SW/250.9	69.9 / 1.51	FRANCIS FUELS 108 SPADINA AVENUE TANK TRUCK (CARGO) OTTAWA CITY ON K1Y 2C1	SPL
Ref No:	78650			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	11/12/1992			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:	POSSIBLE			Site Municipality:	20101
Nature of Impact:	Soil contamination			Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Nothing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	11/12/1992			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	ERROR			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	FRANCIS FUELS: 85 L FUEL TO GROUND WHEN TANK OVERFILLED				
Contaminant Qty:					

103	1 of 1	WNW/251.1	66.9 / -1.46	21 Spadina Ave Ottawa ON K1Y2B8	EHS
Order No:	20150731089			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	10-AUG-15			Search Radius (km):	.25
Date Received:	31-JUL-15			X:	-75.721038
Previous Site Name:				Y:	45.405448
Lot/Building Size:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Additional Info Ordered:					
104	1 of 1	W/253.8	68.8 / 0.46	62 Spadina Ave Ottawa ON K1Y 2B6	EHS
Order No:	20040116008			Nearest Intersection:	Lavrel St
Status:	C			Municipality:	
Report Type:	Complete Report			Client Prov/State:	ON
Report Date:	1/26/04			Search Radius (km):	0.25
Date Received:	1/16/04			X:	-75.720766
Previous Site Name:				Y:	45.404235
Lot/Building Size:					
Additional Info Ordered:					
105	1 of 1	NNW/254.9	62.9 / -5.49	OLRT Constructors 1035 somerset street Ottawa ON	SPL
Ref No:	4784-A7ANLR			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2016/02/19			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Communal
Incident Event:	Operator/Human error			Agency Involved:	
Contaminant Code:	13			Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL			Site Address:	1035 somerset 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:	Land			Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2016/02/19			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Land Spills
Incident Reason:	Operator/Human Error			Source Type:	
Site Name:	Bayview overpass demolition<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	OLRT- 550L diesel to ground *MOL holding site*				
Contaminant Qty:	550 L				
106	1 of 1	ESE/256.0	66.9 / -1.49	ON	BORE
Borehole ID:	847366			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Diamond Drill			UTM Zone:	18
Easting:	444208			Northing:	5027915
Location Accuracy:				Orig. Ground Elev m:	63.2
Elev. Reliability Note:				DEM Ground Elev m:	69
Total Depth m:	5.7			Primary Name:	
Township:	NEPEAN			Concession:	CON 1 ON OTTAWA RIVER
Lot:	LOT 38			Municipality:	
Completion Date:	07-MAY-1959			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	

--Details--

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum ID: Bottom Depth(m):	6557030 0.8			Top Depth(m): Stratum Desc:	0.0 FILL
Stratum ID: Bottom Depth(m):	6557031 1.8			Top Depth(m): Stratum Desc:	0.8 MEDIUM DENSE FINE SAND
Stratum ID: Bottom Depth(m):	6557032 2.4			Top Depth(m): Stratum Desc:	1.8 MEDIUM DENSE SANDY SILT
Stratum ID: Bottom Depth(m):	6557033 2.7			Top Depth(m): Stratum Desc:	2.4 DENSE SILT AND STONES WITH A LITTLE SAND
Stratum ID: Bottom Depth(m):	6557034 4.2			Top Depth(m): Stratum Desc:	2.7 SHALEY LIMESTONE, CORE RECOVERY 88%
Stratum ID: Bottom Depth(m):	6557035 5.7			Top Depth(m): Stratum Desc:	4.2 SHALEY LIMESTONE, CORE RECOVERY 98%
107	1 of 1	E/259.3	65.9 / -2.49	189-191 Louisa St Ottawa ON	EHS
Order No:	20171114180			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	20-NOV-17			Search Radius (km):	.25
Date Received:	14-NOV-17			X:	-75.712637
Previous Site Name:				Y:	45.403768
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
108	1 of 1	ESE/262.7	66.9 / -1.49	Young Street & Loretta Avenue Ottawa ON	EHS
Order No:	20130110032			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Select Report			Client Prov/State:	ON
Report Date:	21-JAN-13			Search Radius (km):	.25
Date Received:	10-JAN-13			X:	-75.712809
Previous Site Name:				Y:	45.402507
Lot/Building Size:					
Additional Info Ordered:					
109	1 of 1	ESE/264.2	66.9 / -1.49	Hwy 417, 200m East of Parkdale - 45.402599, - 75.712738 Ottawa ON	SPL
Ref No:	4075-ABZHBP			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2016/07/18			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Industrial
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	14			Nearest Watercourse:	
Contaminant Name:	ASPHALT EMULSION			Site Address:	Hwy 417, 200m East of Parkdale - 45.402599, - 75.712738
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Land; Surface Water MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2016/07/19 Dt Document Closed: Incident Reason: Weather Conditions Site Name: Bridge over O Train<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Ottawa: Asphalt Emulsion to Grd/Ditch, cntd, clng. Contaminant Qty: 5 L				Site Municipality: Ottawa Site Lot: Site Conc: Northing: 5027923 Easting: 444220 Site Geo Ref Accu: Site Map Datum: SAC Action Class: Watercourse Spills Source Type:	
110	1 of 1	SE/264.7	67.9 / -0.49	Lixar IT Inc. 47A Young St Ottawa ON K1S 3H6	SCT
Established: 01-AUG-99 Plant Size (ft²): Employment:					
--Details--					
Description:		Software Publishers			
SIC/NAICS Code:		511210			
Description:		Data Processing, Hosting, and Related Services			
SIC/NAICS Code:		518210			
Description:		Software Publishers			
SIC/NAICS Code:		511210			
Description:		Computer Systems Design and Related Services			
SIC/NAICS Code:		541510			
111	1 of 1	ESE/265.7	66.9 / -1.49	ON	BORE
Borehole ID: 847368 Use: Geotechnical/Geological Investigation Drill Method: Diamond Drill Easting: 444227 Location Accuracy: Elev. Reliability Note: Total Depth m: 5.4 Township: NEPEAN Lot: LOT 38 Completion Date: 05-MAY-1959 Primary Water Use:				Type: Borehole Status: Decommissioned UTM Zone: 18 Northing: 5027939 Orig. Ground Elev m: 61.6 DEM Ground Elev m: 68.4 Primary Name: Concession: CON 1 ON OTTAWA RIVER Municipality: Static Water Level: .8 Sec. Water Use:	
--Details--					
Stratum ID:		6557041		Top Depth(m):	0.0
Bottom Depth(m):		1.7		Stratum Desc:	FILL
Stratum ID:		6557042		Top Depth(m):	1.7
Bottom Depth(m):		2.3		Stratum Desc:	WEATHERED OR FRACTURED LIMESTONE, CORE RECOVERY 54%
Stratum ID:		6557043		Top Depth(m):	2.3
Bottom Depth(m):		3.8		Stratum Desc:	SHALEY LIMESTONE, CORE RECOVERY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
					77%
Stratum ID: Bottom Depth(m):	6557044 5.4			Top Depth(m): Stratum Desc:	3.8 SHALEY LIMESTONE, CORE NOT RECOVERED
112	1 of 1	ESE/265.9	66.8 / -1.57	ON	BORE
Borehole ID: Use: Drill Method: Easting: Location Accuracy: Elev. Reliability Note: Total Depth m: Township: Lot: Completion Date: Primary Water Use:	847365 Geotechnical/Geological Investigation Diamond Drill 444209 6.8 NEPEAN LOT 38 13-MAY-1959			Type: Status: UTM Zone: Northing: Orig. Ground Elev m: DEM Ground Elev m: Primary Name: Concession: Municipality: Static Water Level: Sec. Water Use:	Borehole Decommissioned 18 5027893 64.6 67.9 CON 1 ON OTTAWA RIVER 1.4
--Details--					
Stratum ID: Bottom Depth(m):	6557026 3.0			Top Depth(m): Stratum Desc:	0.0 FILL
Stratum ID: Bottom Depth(m):	6557027 3.8			Top Depth(m): Stratum Desc:	3.0 MEDIUM DENSE FINE SAND WITH A FEW PEBBLES
Stratum ID: Bottom Depth(m):	6557028 5.3			Top Depth(m): Stratum Desc:	3.8 SHALEY LIMESTONE, CORE RECOVERY 96%
Stratum ID: Bottom Depth(m):	6557029 6.8			Top Depth(m): Stratum Desc:	5.3 SHALEY LIMESTONE, CORE RECOVERY 100%
113	1 of 2	S/267.5	73.8 / 5.43	OTTAWA CITY BAYSWATER AVE./YOUNG ST. OTTAWA CITY ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:	3-0650-90-90 4/26/1990 Municipal sewage Approved				
113	2 of 2	S/267.5	73.8 / 5.43	R.M. OF OTTAWA-CARLETON BAYSWATER AVE./YOUNG ST. OTTAWA CITY ON	CA
Certificate #:	7-0549-90-				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		90 4/26/1990 Municipal water Approved			
114	1 of 21	N/270.5	59.8 / -8.53	1010 Somerset Street West Ottawa ON	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20040723005 C Complete Report 8/3/04 7/23/04		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	Somerset & Champagne ON 0.25 -75.716554 45.407406
114	2 of 21	N/270.5	59.8 / -8.53	1010 Somerset St W Ottawa ON	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20010316001 C Complete Report 3/20/01 3/16/01		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	Loretta Av, Champagne Av, Oak St ON 0.35 -75.714394 45.407494
114	3 of 21	N/270.5	59.8 / -8.53	GVT. OF CAN.-PUBLIC WORKS CANADA MAINTENANCE SUPPORT SERV. PLOUFFE PARK 1010 SOMERSET ST.W.C/O140 PROMENADE DU PORTAGE-OTTAWA ON K1A 0M3	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON0144726 88,89,90 8174 HOUSING ADMIN.		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details--					
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
114	4 of 21	N/270.5	59.8 / -8.53	GVT. OF CAN.-PUBLIC WORKS CANADA 18-285 MAINTENANCE SUPPORT SERVICES PLOUFFE PARK, 1010 SOMERSET STREET W. OTTAWA ON	GEN
Generator No:	ON0144726			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96,97			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8174				
SIC Description:	HOUSING ADMIN.				
--Details--					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		222			
Waste Description:		HEAVY FUELS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		243			
Waste Description:		PCB'S			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
114	5 of 21	N/270.5	59.8 / -8.53	SNC Lavalin O&M 1010 Somerset St. W Ottawa ON K1A 0K9	GEN
Generator No:	ON9617269			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	531310				
SIC Description:	Real Estate Property Managers				
--Details--					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		269			
Waste Description:		NON-HALOGENATED PESTICIDES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
114	6 of 21	N/270.5	59.8 / -8.53	Public Works and Government Services Canada 1010 Somerset Street Plouffe Park Shop Ottawa ON	GEN
Generator No:	ON0144726			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913910				
SIC Description:					
 --Details--					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		222			
Waste Description:		HEAVY FUELS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		212			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		243			
Waste Description:		PCBS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
114	7 of 21	N/270.5	59.8 / -8.53	public works government services canada 1010 SOMERSET STREET WEST OTTAWA ON	GEN
Generator No:		ON8671552		PO Box No:	
Status:				Country:	
Approval Years:		2013		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		531310			
SIC Description:		REAL ESTATE PROPERTY MANAGERS			
<u>--Details--</u>					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
114	8 of 21	N/270.5	59.8 / -8.53	Public Works and Government Services Canada 1010 Somerset Street Plouffe Park Shop Ottawa ON	GEN
Generator No:		ON0144726		PO Box No:	
Status:				Country:	
Approval Years:		2009		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		913910			
SIC Description:		Other Local Municipal and Regional Public Administration			
<u>--Details--</u>					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		222			
Waste Description:		HEAVY FUELS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		243			
Waste Description:		PCBS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
114	9 of 21	N/270.5	59.8 / -8.53	Public Works and Government Services Canada 1010 Somerset Street Plouffe Park Shop Ottawa ON	GEN
Generator No:	ON0144726			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913910				
SIC Description:		Other Local Municipal and Regional Public Administration			
--Details--					
Waste Code:		243			
Waste Description:		PCBS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		222			
Waste Description:		HEAVY FUELS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
114	10 of 21	N/270.5	59.8 / -8.53	Public Works and Government Services Canada 1010 Somerset Street Plouffe Park Shop Ottawa ON	GEN
Generator No:	ON0144726			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913910				
SIC Description:		Other Local Municipal and Regional Public Administration			
--Details--					
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		146			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		222			
Waste Description:		HEAVY FUELS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		243			
Waste Description:		PCBS			
114	11 of 21	N/270.5	59.8 / -8.53	BROOKFIELD LEPAGE JOHNSON CONTROLS 1010 SOMERSET STREET PLOUFFE PARK OTTAWA ON	GEN
Generator No:	ON0554822			PO Box No:	
Status:				Country:	
Approval Years:	98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	7512				
SIC Description:	NON-RES. BLDG. OPER.				

--Details--

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
114	12 of 21	N/270.5	59.8 / -8.53	public works government services canada 1010 SOMERSET STREET WEST OTTAWA ON K1R 6R9	GEN
Generator No:	ON8671552			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Sarah Page
MHSW Facility:	No			Phone No Admin:	613-915-5668 Ext.
SIC Code:	531310				
SIC Description:	REAL ESTATE PROPERTY MANAGERS				
 --Details--					
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		150			
Waste Description:		INERT INORGANIC WASTES			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
114	13 of 21	N/270.5	59.8 / -8.53	public works government services canada 1010 SOMERSET STREET WEST OTTAWA ON K1R 6R9	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON8671552			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	531310				
SIC Description:	REAL ESTATE PROPERTY MANAGERS				
--Details--					
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
Waste Code:	212				
Waste Description:	ALIPHATIC SOLVENTS				
Waste Code:	122				
Waste Description:	ALKALINE WASTES - OTHER METALS				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	221				
Waste Description:	LIGHT FUELS				
Waste Code:	146				
Waste Description:	OTHER SPECIFIED INORGANICS				
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
114	14 of 21	N/270.5	59.8 / -8.53	PUBLIC WORKS CANADA MAINTENANCE SUPPORT SERVICES PLOUFFE PARK- 1010 SOMERSET STREET WEST OTTAWA ON	GEN
Generator No:	ON0144726			PO Box No:	
Status:				Country:	
Approval Years:	98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8174				
SIC Description:	HOUSING ADMIN.				
--Details--					
Waste Code:	211				
Waste Description:	AROMATIC SOLVENTS				
Waste Code:	222				
Waste Description:	HEAVY FUELS				
Waste Code:	241				
Waste Description:	HALOGENATED SOLVENTS				
Waste Code:	243				
Waste Description:	PCB'S				
Waste Code:	251				
Waste Description:	OIL SKIMMINGS & SLUDGES				
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			

<u>114</u>	15 of 21	N/270.5	59.8 / -8.53	public works government services canada 1010 SOMERSET STREET WEST OTTAWA ON K1R 6R9	GEN
Generator No:	ON8671552			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Sarah Page
MHSW Facility:	No			Phone No Admin:	613-915-5668 Ext.
SIC Code:	531310				
SIC Description:	REAL ESTATE PROPERTY MANAGERS				
--Details--					
Waste Code:	212				
Waste Description:	ALIPHATIC SOLVENTS				
Waste Code:	122				
Waste Description:	ALKALINE WASTES - OTHER METALS				
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
Waste Code:	221				
Waste Description:	LIGHT FUELS				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	146				
Waste Description:	OTHER SPECIFIED INORGANICS				
Waste Code:	150				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		INERT INORGANIC WASTES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
114	16 of 21	N/270.5	59.8 / -8.53	PUBLIC WORK & GOV`T SER CANADA 1010 SOMERSET st OTTAWA ON	GEN
Generator No:		ON3451496		PO Box No:	
Status:				Country:	
Approval Years:		03,04		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
114	17 of 21	N/270.5	59.8 / -8.53	Public Works and Government Services Canada 1010 Somerset Street Plouffe Park Shop Ottawa ON	GEN
Generator No:		ON0144726		PO Box No:	
Status:				Country:	
Approval Years:		2010		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		913910			
SIC Description:		Other Local Municipal and Regional Public Administration			
--Details--					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		222			
Waste Description:		HEAVY FUELS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		146			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		243			
Waste Description:		PCBS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
114	18 of 21	N/270.5	59.8 / -8.53	public works government services canada 1010 SOMERSET STREET WEST OTTAWA ON	GEN
Generator No:		ON8671552		PO Box No:	
Status:				Country:	
Approval Years:		2012		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		531310			
SIC Description:		Real Estate Property Managers			
114	19 of 21	N/270.5	59.8 / -8.53	Public Works and Government Services Canada 1010 Somerset Street Plouffe Park Shop Ottawa ON	GEN
Generator No:		ON0144726		PO Box No:	
Status:				Country:	
Approval Years:		03,04,05,06,07,08		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		913910			
SIC Description:		Other Municipal Public Administration			
<u>--Details--</u>					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		148			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		222			
Waste Description:		HEAVY FUELS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		243			
Waste Description:		PCB'S			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			

114	20 of 21	N/270.5	59.8 / -8.53	1010 SOMERSET ST, OTTAWA ON	PINC
Incident ID:					
Incident No:		1603296			
Type:		FS-Pipeline Incident			
Status Code:		Pipeline Damage Reason Est			
Fuel Occurrence Tp:					
Fuel Type:					
Tank Status:		RC Established			
Task No:		5417237			
Spills Action Centre:					
Method Details:		E-mail			
Fuel Category:		Natural Gas			
Date of Occurrence:					
Occurrence Start Date:		2015/03/25			
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:		1010 SOMERSET ST, OTTAWA - PIPELINE HIT - 2"			
Reported By:		Tracy Penney - ENBRIDGE			
Affiliation:					
Occurrence Desc:					
Damage Reason:		Excavation practices not sufficient			
Notes:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
114	21 of 21	N/270.5	59.8 / -8.53	SHELL CANADA PRODUCTS LTD. DEPT OF PUBLIC WORKS 1010 SUMMERSET TANK TRUCK (CARGO) OTTAWA CITY ON	SPL
Ref No:	66275			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	1/20/1992			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:	MOE
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	1/21/1992			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:	SHELL - 0.5L FURNACE OIL OUTSIDE WALL & BESIDE TK VENT PIPE. CLEANED UP.				
Contaminant Qty:					
115	1 of 1	ESE/271.1	66.9 / -1.49	ON	BORE
Borehole ID:	847369			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Diamond Drill			UTM Zone:	18
Easting:	444226			Northing:	5027918
Location Accuracy:				Orig. Ground Elev m:	62.2
Elev. Reliability Note:				DEM Ground Elev m:	69.1
Total Depth m:	5.7			Primary Name:	
Township:	NEPEAN			Concession:	CON 1 ON OTTAWA RIVER
Lot:	LOT 38			Municipality:	
Completion Date:	06-MAY-1959			Static Water Level:	2.1
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	6557046			Top Depth(m):	0.0
Bottom Depth(m):	1.5			Stratum Desc:	FILL
Stratum ID:	6557047			Top Depth(m):	1.5
Bottom Depth(m):	2.5			Stratum Desc:	DENSE FINE SAND AND STONES WITH A LITTLE CLAY AND SILT
Stratum ID:	6557048			Top Depth(m):	2.5
Bottom Depth(m):	4.0			Stratum Desc:	SHALY LIMESTONE, CORE RECOVERY 76%
Stratum ID:	6557049			Top Depth(m):	4.0
Bottom Depth(m):	4.2			Stratum Desc:	SHALY LIMESTONE, CORE RECOVERY 80%

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum ID: Bottom Depth(m):	6557050 5.7			Top Depth(m): Stratum Desc:	4.2 SHALY LIMESTONE, CORE RECOVERY 90%
116	1 of 1	NW/273.8	63.6 / -4.78	OC TRANSP STORM SEWER AT SUMMERSET AND BAYWATER, FROM OC TRANSIT BUS. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	223617 4/1/2002 PIPE/HOSE LEAK POSSIBLE Multi Media Pollution LAND / WATER 4/1/2002 EQUIPMENT FAILURE OC TRANSIT BUS: 4 L OF HYDRAULIC FLUID ROAD/ SEWER. SEWERMATIC.			Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	
117	1 of 1	NW/275.3	63.6 / -4.78	FORM ALL CONSTRUCTION SOMERSET & BAYSWATER OTTAWA CITY ON	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth:	4970 6/10/1988 OTHER CONTAINER LEAK LAND 6/10/1988 OTHER 			Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Summary:		FORM ALL CONSTRUCTION - 4.5 L FORM OIL TO ROAD			
Contaminant Qty:					
118	1 of 2	E/276.1	66.0 / -2.40	916 Gladstone Avenue Ottawa ON K1R 6Y4	EHS
Order No:	20060214012			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	2/23/2006			Search Radius (km):	0.25
Date Received:	2/14/2006			X:	-75.71262
Previous Site Name:				Y:	45.404304
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
118	2 of 2	E/276.1	66.0 / -2.40	lot 39 con 1 OTTAWA ON	WWIS
Well ID:	1536292			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	4/13/2006
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	3
Audit No:	Z43722			Owner:	
Tag:	A035924			Street Name:	916 GLADSTONE AVE.
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	039
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	11550358			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:	0			East83:	
Code OB Desc:	Overburden			North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	08-MAR-06			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	na
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	933053140				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		.3			
Formation End Depth:		1.83			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933053141			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		1.83			
Formation End Depth:		3.66			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933053139			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		01			
Other Materials:		FILL			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		.3			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933293045			
Layer:		1			
Plug From:		0			
Plug To:		.3			
Plug Depth UOM:		m			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933293047			
Layer:		3			
Plug From:		1.83			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		3.66			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933293046			
Layer:		2			
Plug From:		.3			
Plug To:		1.83			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961536292			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11559965			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930878924			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.13			
Casing Diameter:		3.17			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		933418301			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.13			
Screen End Depth:		3.66			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		3.17			
<u>Hole Diameter</u>					
Hole ID:		11681039			
Diameter:		5.08			
Depth From:		0			
Depth To:		3.66			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
119	1 of 1	SSE/278.5	72.0 / 3.65	Ottawa ON	WWIS
Well ID: 7107610		Data Entry Status:			
Construction Date:		Data Src:			
Primary Water Use: Not Used		Date Received: 7/9/2008			
Sec. Water Use:		Selected Flag: Yes			
Final Well Status: Test Hole		Abandonment Rec: Yes			
Water Type:		Contractor: 4875			
Casing Material:		Form Version: 4			
Audit No: Z77601		Owner:			
Tag:		Street Name: FERN AVE./BEECH ST./BREEZEHUL AVE S.			
Construction Method:		County: OTTAWA-CARLETON			
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:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1001638858		Elevation: 74.51			
DP2BR:		Elevrc:			
Spatial Status:		Zone: 18			
Code OB:		East83: 443985			
Code OB Desc:		North83: 5027717			
Open Hole:		Org CS: UTM83			
Cluster Kind:		UTMRC: 3			
Date Completed: 26-MAY-08		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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1001691440					
Layer: 1					
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth: 0					
Formation End Depth: 5.92					
Formation End Depth UOM: m					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID: 1001691448					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Plug From:					
Plug To:					
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1001691453			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1001691439			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001691450			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:					
Casing Diameter:		.5			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001691451			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1001691449			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
120	1 of 8	NW/282.0	62.9 / -5.43	HARAMBEE CENTRES CANADA 29 BAYWATER AVE. (SWM) OTTAWA CITY ON	CA
Certificate #:		3-0329-95-			
Application Year:		95			
Issue Date:		5/31/1995			
Approval Type:		Municipal sewage			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
120	2 of 8	NW/282.0	62.9 / -5.43	Institute of Naturopathic Education and Research 29 Bayswater Ave. Ottawa ON K1Y 2E5	GEN
Generator No: ON4138655 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 621499 SIC Description: ALL OTHER OUT-PATIENT CARE CENTRES PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Sean Fisher Phone No Admin: 905-475-7755 Ext.					
--Details-- Waste Code: 312 Waste Description: PATHOLOGICAL WASTES					
120	3 of 8	NW/282.0	62.9 / -5.43	Institute of Naturopathic Education and Research 29 Bayswater Ave. Ottawa ON K1Y 2E5	GEN
Generator No: ON4138655 Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 621499 SIC Description:					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
120	4 of 8	NW/282.0	62.9 / -5.43	Institute of Naturopathic Education and Research 29 Bayswater Ave. Ottawa ON K1Y 2E5	GEN
Generator No: ON4138655 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 621499 SIC Description: All Other Out-Patient Care Centres					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
120	5 of 8	NW/282.0	62.9 / -5.43	Institute of Naturopathic Education and Research 29 Bayswater Ave. Ottawa ON	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON4138655 2013 621499			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
		ALL OTHER OUT-PATIENT CARE CENTRES			
--Details--					
Waste Code: Waste Description:		312 PATHOLOGICAL WASTES			
120	6 of 8	NW/282.0	62.9 / -5.43	Ottawa Integrative Cancer Centre 29 Bayswater Ave. Ottawa ON K1Y 2E5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON4138655 2016 No No 621499			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL
		ALL OTHER OUT-PATIENT CARE CENTRES			
--Details--					
Waste Code: Waste Description:		312 PATHOLOGICAL WASTES			
120	7 of 8	NW/282.0	62.9 / -5.43	Institute of Naturopathic Education and Research 29 Bayswater Ave. Ottawa ON K1Y 2E5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON4138655 2014 No No 621499			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL Sean Fisher 905-475-7755 Ext.
		ALL OTHER OUT-PATIENT CARE CENTRES			
--Details--					
Waste Code: Waste Description:		312 PATHOLOGICAL WASTES			
120	8 of 8	NW/282.0	62.9 / -5.43	Ottawa Integrative Cancer Centre 29 Bayswater Ave. Ottawa ON K1Y 2E5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON4138655 Registered As of Dec 2018			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Waste Code:		312 P			
Waste Description:		Pathological wastes			
121	1 of 1	SW/283.9	69.9 / 1.51	AM-TECH ELECTRICAL SERVICES 1041 GLADSTONE RD. OTTAWA ON K1Y 3G3	GEN
Generator No:	ON0026200			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 ***			
122	1 of 1	N/285.5	60.2 / -8.18	ON	BORE
Borehole ID:	847975			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Diamond Drill			UTM Zone:	18
Easting:	443871			Northing:	5028492
Location Accuracy:				Orig. Ground Elev m:	58.4
Elev. Reliability Note:				DEM Ground Elev m:	58.8
Total Depth m:	5.5			Primary Name:	
Township:	NEPEAN			Concession:	CON 1 ON OTTAWA RIVER
Lot:	LOT 38			Municipality:	
Completion Date:	01-DEC-1961			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	6559445			Top Depth(m):	0.0
Bottom Depth(m):	1.9			Stratum Desc:	FILL (SAND, GRAVEL AND SMALL BOULDERS)
Stratum ID:	6559446			Top Depth(m):	1.9
Bottom Depth(m):	5.5			Stratum Desc:	SAND, GRAVEL AND BOULDERS
123	1 of 1	ESE/287.5	66.9 / -1.49	ON	BORE
Borehole ID:	613107			Type:	Borehole
Use:				Status:	
Drill Method:				UTM Zone:	18
Easting:	444251			Northing:	5027942
Location Accuracy:				Orig. Ground Elev m:	62.3
Elev. Reliability Note:				DEM Ground Elev m:	69.1
Total Depth m:	-999			Primary Name:	
Township:				Concession:	
Lot:				Municipality:	
Completion Date:				Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	218393743			Top Depth(m):	0.0
Bottom Depth(m):	1.0			Stratum Desc:	FILL.
Stratum ID:	218393744			Top Depth(m):	1.0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth(m):	1.3			Stratum Desc:	SILT.
Stratum ID:	218393745			Top Depth(m):	1.3
Bottom Depth(m):	2.3			Stratum Desc:	TILL. COMPACT.
Stratum ID:	218393746			Top Depth(m):	2.3
Bottom Depth(m):				Stratum Desc:	BEDROCK. . SAND. GREY,DENSE. SAND-FINE TO MEDIUM.GREY,DENSE. 00040010 0000000400
124	1 of 4	SE/291.9	68.9 / 0.56	BROWNS CLEANERS & TAILORS LIMITED 06-081 6 CHAMPAGNE AVENUE NORTH OTTAWA ON K1R 7R7	GEN
Generator No:	ON0443200			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:	9721				
SIC Description:	POWER LAUND./CLEANER				
--Details--					
Waste Code:	241				
Waste Description:	HALOGENATED SOLVENTS				
124	2 of 4	SE/291.9	68.9 / 0.56	BROWNS CLEANERS & TAILORS LIMITED 6 CHAMAGNE AVENUE NORTH OTTAWA ON K1R 7R7	GEN
Generator No:	ON0443200			PO Box No:	
Status:				Country:	
Approval Years:	86,87			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9721				
SIC Description:	POWER LAUND./CLEANERS				
--Details--					
Waste Code:	241				
Waste Description:	HALOGENATED SOLVENTS				
124	3 of 4	SE/291.9	68.9 / 0.56	BROWNS CLEANERS & TAILORS LIMITED 6 CHAMPAGNE AVENUE NORTH OTTAWA ON K1R 7R7	GEN
Generator No:	ON0443200			PO Box No:	
Status:				Country:	
Approval Years:	88,89,90,97,98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9721				
SIC Description:	POWER LAUND./CLEANER				
--Details--					
Waste Code:	241				
Waste Description:	HALOGENATED SOLVENTS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
124	4 of 4	SE/291.9	68.9 / 0.56	BROWNS CLEANERS & TAILORS LIMITED 6 CHAMPAGNE AVE. N. OTTAWA ON K1R 7R7	GEN
Generator No:	ON9040439			PO Box No:	
Status:				Country:	
Approval Years:	02,03			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
--Details--					
Waste Code:	241				
Waste Description:	HALOGENATED SOLVENTS				
125	1 of 1	SE/293.5	70.0 / 1.60	Enbridge Gas Distribution Inc. 211 Loretta Avenue South Ottawa ON	SPL
Ref No:	6871-AT3UTH			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2017/11/13			Health/Env Conseq:	2 - Minor Environment
Year:				Client Type:	Corporation
Incident Cause:				Sector Type:	Unknown / N/A
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	211 Loretta Avenue South
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	1075			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	5027764.35
MOE Response:	No			Easting:	444095.55
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2017/11/13			Site Map Datum:	
Dt Document Closed:	2017/12/16			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error			Source Type:	Pipeline/Components
Site Name:	Residential<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA FSB: 1" plastic, service, IP, made safe.				
Contaminant Qty:	0 other - see incident description				
126	1 of 1	ESE/295.2	66.9 / -1.49	ON	BORE
Borehole ID:	847370			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Diamond Drill			UTM Zone:	18
Easting:	444246			Northing:	5027904
Location Accuracy:				Orig. Ground Elev m:	64.9
Elev. Reliability Note:				DEM Ground Elev m:	66.3
Total Depth m:	9.4			Primary Name:	
Township:	NEPEAN			Concession:	CON 1 ON OTTAWA RIVER
Lot:	LOT 38			Municipality:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Completion Date: 14-MAY-1959				Static Water Level: -999.9	
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	6557051			Top Depth(m): 0.0	
Bottom Depth(m):	4.1			Stratum Desc: FILL	
Stratum ID:	6557052			Top Depth(m): 4.1	
Bottom Depth(m):	4.6			Stratum Desc: MEDIUM DENSE SANDY TILL	
Stratum ID:	6557053			Top Depth(m): 4.6	
Bottom Depth(m):	6.4			Stratum Desc: DENSE SANDY TILL	
Stratum ID:	6557054			Top Depth(m): 6.4	
Bottom Depth(m):	7.9			Stratum Desc: SHALY LIMESTONE, CORE RECOVERY 100%	
Stratum ID:	6557055			Top Depth(m): 7.9	
Bottom Depth(m):	9.4			Stratum Desc: SHALY LIMESTONE, CORE RECOVERY 100%	
127	1 of 1	WNW/297.7	65.2 / -3.18	zenith environmental solutions inc 9 spadina Ottawa ON K1Y2B8	GEN
Generator No:	ON5741426			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:					
--Details--					
Waste Code:	145 T				
Waste Description:	Wastes from the use of pigments, coatings and paints				
128	1 of 2	E/298.6	65.9 / -2.49	Great Canadian Theatre Company 910 Gladstone Ottawa ON K1R 6Y4	GEN
Generator No:	ON8458399			PO Box No:	
Status:				Country:	
Approval Years:	04			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	711190				
SIC Description:	Other Performing Arts Companies				
128	2 of 2	E/298.6	65.9 / -2.49	GREAT CANADIAN THEATRE COMPANY, THE 910 GLADSTONE AVENUE OTTAWA ON K1R 6Y3	GEN
Generator No:	ON2272500			PO Box No:	
Status:				Country:	
Approval Years:	97,98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9631				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		ENTER. PROD. CO./ART.			
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
129	1 of 4	E/298.8	65.9 / -2.49	KEITEL FURNITURE REPAIR LTD 184 Louisa Street Ottawa ON K1R 6Z1	GEN
Generator No:		ON2295700		PO Box No:	
Status:				Country:	
Approval Years:		2009		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		321999			
SIC Description:		All Other Miscellaneous Wood Product Manufacturing			
--Details--					
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
129	2 of 4	E/298.8	65.9 / -2.49	KEITEL FURNITURE REPAIR LTD 184 LOUISA STREET OTTAWA ON K1R 6Z1	GEN
Generator No:		ON2295700		PO Box No:	
Status:				Country:	
Approval Years:		97,98,99,00,01,02,03,04,05,06,07,08		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		5421			
SIC Description:		HOUSEHOLD FURN.			
--Details--					
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
129	3 of 4	E/298.8	65.9 / -2.49	KEITEL FURNITURE REPAIR LTD 184 Louisa Street Ottawa ON K1R 6Z1	GEN
Generator No:		ON2295700		PO Box No:	
Status:				Country:	
Approval Years:		2011		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		321999			
SIC Description:		All Other Miscellaneous Wood Product Manufacturing			
--Details--					
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
129	4 of 4	E/298.8	65.9 / -2.49	KEITEL FURNITURE REPAIR LTD 184 Louisa Street Ottawa ON K1R 6Z1	GEN
Generator No:	ON2295700			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	321999				
SIC Description:	All Other Miscellaneous Wood Product Manufacturing				
--Details--					
Waste Code:	211				
Waste Description:	AROMATIC SOLVENTS				
130	1 of 1	SSE/299.3	71.1 / 2.71	74 Young St Ottawa ON K1Y4N1	EHS
Order No:	20170118020			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	24-JAN-17			Search Radius (km):	.25
Date Received:	18-JAN-17			X:	-75.71475
Previous Site Name:				Y:	45.400823
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
131	1 of 5	N/299.8	59.9 / -8.49	ROBT TAPE LIMITED 33-483 989 SOMERSET ST. W. OTTAWA ON K1R 6R8	GEN
Generator No:	ON0194400			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96,97			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	3081				
SIC Description:	MACHINE SHOP IND.				
--Details--					
Waste Code:	253				
Waste Description:	EMULSIFIED OILS				
131	2 of 5	N/299.8	59.9 / -8.49	ROBT TAPE LIMITED 989 SOMERSET ST. W. OTTAWA ON K1R 6R8	GEN
Generator No:	ON0194400			PO Box No:	
Status:				Country:	
Approval Years:	88,89,90			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	3081				
SIC Description:	MACHINE SHOP IND.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
131	3 of 5	N/299.8	59.9 / -8.49	ROBT TAPE LIMITED 989 SOMERSET STREET WEST OTTAWA ON K1R 6R8	GEN
Generator No:	ON0194400			PO Box No:	
Status:				Country:	
Approval Years:	98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	3081				
SIC Description:		MACHINE SHOP IND.			
--Details--					
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
131	4 of 5	N/299.8	59.9 / -8.49	ROBT. TAPE LTD. 989 Somerset St. West Ottawa ON K1R 6R8	GEN
Generator No:	ON0194400			PO Box No:	
Status:				Country:	
Approval Years:	02,03,04,05			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
131	5 of 5	N/299.8	59.9 / -8.49	ROBERT TAPE LIMITED 989 SOMERSET ST W OTTAWA ON K1R 6R8	SCT
Established:	1945				
Plant Size (ft²):	8000				
Employment:	10				
--Details--					
Description:		INDUSTRIAL AND COMMERCIAL MACHINERY AND EQUIPMENT, NOT ELSEWHERE CLASSIFIED			
SIC/NAICS Code:		3599			
Description:		Machine Shops			
SIC/NAICS Code:		332710			
132	1 of 9	NNE/299.9	63.9 / -4.49	City of Ottawa 930 Somerset St W Ottawa ON K1R 6R9	CA
Certificate #:		5421-7EMPZ6			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		2008 5/15/2008 Municipal and Private Sewage Works Approved			
132	2 of 9	NNE/299.9	63.9 / -4.49	City of Ottawa 930 Somerset St W Ottawa ON K1P 1J1	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:		5421-7EMPZ6 2008-05-15 Approved ECA IDS Rideau Valley ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS 930 Somerset St W https://www.accessenvironment.ene.gov.on.ca/instruments/7342-7BAT3C-14.pdf		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	Ottawa Ottawa -75.714455 45.407413
132	3 of 9	NNE/299.9	63.9 / -4.49	Corporation City of Ottawa 930 Somerset Street West Ottawa ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON7608159 2013 913150		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
--Details--					
Waste Code: Waste Description:		252 WASTE OILS & LUBRICANTS			
132	4 of 9	NNE/299.9	63.9 / -4.49	Corporation City of Ottawa 930 Somerset Street West Ottawa ON K1R 6R9	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON7608159 2015 No No 913150 913150		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL Randy Villeneuve 613-580-2424 Ext.12085
--Details--					
Waste Code:		212			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
132	5 of 9	NNE/299.9	63.9 / -4.49	Corporation City of Ottawa 930 Somerset Street West Ottawa ON K1R 6R9	GEN
Generator No:		ON7608159		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:					
--Details--					
Waste Code:		145 L			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		212 L			
Waste Description:		Aliphatic solvents and residues			
Waste Code:		252 L			
Waste Description:		Waste crankcase oils and lubricants			
132	6 of 9	NNE/299.9	63.9 / -4.49	Corporation City of Ottawa 930 Somerset Street West Ottawa ON K1R 6R9	GEN
Generator No:		ON7608159		PO Box No:	
Status:				Country: Canada	
Approval Years:		2016		Choice of Contact: CO_OFFICIAL	
Contam. Facility:		No		Co Admin: Randy Villeneuve	
MHSW Facility:		No		Phone No Admin: 613-580-2424 Ext.12085	
SIC Code:		913150			
SIC Description:		913150			
--Details--					
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
132	7 of 9	NNE/299.9	63.9 / -4.49	Corporation City of Ottawa 930 Somerset Street West Ottawa ON K1R 6R9	GEN
Generator No:		ON7608159		PO Box No:	
Status:				Country: Canada	
Approval Years:		2014		Choice of Contact: CO_OFFICIAL	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:	No No 913150 913150			Co Admin: Phone No Admin:	Randy Villeneuve 613-580-2424 Ext.12085
--Details--					
Waste Code: Waste Description:	252 WASTE OILS & LUBRICANTS				
132	8 of 9	NNE/299.9	63.9 / -4.49	930 Somerset St W,Ottawa ON	PINC
Incident ID: Incident No: Type: Status Code: Fuel Occurrence Tp: Fuel Type: Tank Status: Task No: Spills Action Centre: Method Details: Fuel Category: Date of Occurrence: Occurrence Start Date: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:	644900 FS-Pipeline Incident Pipeline Damage Reason Est RC Established 3447385 E-mail Natural Gas 2011/07/07 930 Somerset St W,Ottawa - 11/4" Pipeline Hit Stiles, Jeff Excavation practices not sufficient			Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:	Yes Yes FS-Perform P-line Inc Invest
132	9 of 9	NNE/299.9	63.9 / -4.49	930 Somerset Street Ottawa ON	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District:	5417-9PFQYU NA 2014/09/30 Operator/Human error 36 CHLORINE GAS Confirmed Air Pollution No Field Response 2014/09/30 2014/10/02 Operator/Human Error Plant Bath Recreation Centre<UNOFFICIAL>			Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	Structure 930 Somerset Street Ottawa Air Spills - Gases and Vapours

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Geo Ref Meth: Incident Summary: chlorine gas being vented to atm due to chemicals mixing Contaminant Qty: 0 other - see incident description					
133	1 of 4	N/299.9	59.9 / -8.49	Equity Realty Group Inc. 250, 270, 290 City Centre Avenue Ottawa ON K1R 6K7	GEN
Generator No: ON8497519 Status: Approval Years: 2016 Contam. Facility: No MHSW Facility: No SIC Code: 531310 SIC Description: REAL ESTATE PROPERTY MANAGERS PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:					
--Details-- Waste Code: 241 Waste Description: HALOGENATED SOLVENTS Waste Code: 146 Waste Description: OTHER SPECIFIED INORGANICS					
133	2 of 4	N/299.9	59.9 / -8.49	Equity Realty Group Inc. 250, 270, 290 City Centre Avenue Ottawa ON K1R 6K7	GEN
Generator No: ON8497519 Status: Approval Years: 2014 Contam. Facility: No MHSW Facility: No SIC Code: 531310 SIC Description: REAL ESTATE PROPERTY MANAGERS PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:					
--Details-- Waste Code: 241 Waste Description: HALOGENATED SOLVENTS Waste Code: 146 Waste Description: OTHER SPECIFIED INORGANICS					
133	3 of 4	N/299.9	59.9 / -8.49	Equity Realty Group Inc. 250, 270, 290 City Centre Avenue Ottawa ON K1R 6K7	GEN
Generator No: ON8497519 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:					
--Details-- Waste Code: 146 L Waste Description: Other specified inorganic sludges, slurries or solids					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
135	1 of 4	ENE/300.0	66.0 / -2.40	Preston Hardware (1980) Limited 234-248 Preston Street Ottawa ON K1R 7R4	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		3131-63XLJC 2004 8/19/2004 Municipal and Private Sewage Works Approved			
135	2 of 4	ENE/300.0	66.0 / -2.40	PRESTON HARDWARE (1980) LIMITED 234-248 PRESTON ST OTTAWA ON K1R 7R4	PES
Billing No: Trade Name: Licence No: Detail Licence No: Licence Type Code: Licence Type: Licence Class: Licence Control: Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box:		23 Limited Vendor Op Municipality: Operator Region: Operator District: Operator County: Oper Area Code: Oper Phone No: Operator Ext: Region: County: District: Lot: Concession: Post Office Box: Report Source:			
135	3 of 4	ENE/300.0	66.0 / -2.40	PRESTON HARDWARE (1980) LIMITED 234-248 PRESTON ST OTTAWA ON K1R 7R4	PES
Billing No: Trade Name: Licence No: Detail Licence No: Licence Type Code: Licence Type: Licence Class: Licence Control: Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box:		Vendor Op Municipality: Operator Region: Operator District: Operator County: Oper Area Code: Oper Phone No: Operator Ext: Region: County: District: Lot: Concession: Post Office Box: Report Source:			
135	4 of 4	ENE/300.0	66.0 / -2.40	PRESTON HARDWARE (1980) LIMITED 234-248 PRESTON STREET OTTAWA ON K1R 7R4	PES
Billing No:		Op Municipality:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Trade Name: Licence No: 10903 Detail Licence No: 23-01-10903-0 Licence Type Code: 23 Licence Type: Limited Vendor Licence Class: 01 Licence Control: 0 Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box: Operator Region: 4 Operator District: 2 Operator County: 15 Oper Area Code: Oper Phone No: Operator Ext: Region: 4 County: 15 District: 2 Lot: Concession: Post Office Box: Report Source:					
136	1 of 28	NNW/300.0	61.0 / -7.37	250 City Centre Avenue (formerly Champagne Avenue N) Ottawa ON	EHS
Order No: 20081114004 Status: C Report Type: Custom Report Report Date: 11/24/2008 Date Received: 11/14/2008 Previous Site Name: formerly known as 250, 270 and 290 City Centre Avenue Lot/Building Size: lot: 8.07 acres Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory Nearest Intersection: City Centre Ave. and Elm Street Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.718294 Y: 45.409166					
136	2 of 28	NNW/300.0	61.0 / -7.37	VISION FORM BAY 244-250 CITY CENTRE AVE OTTAWA ON K1R 6K7	GEN
Generator No: ON5433512 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 323115 SIC Description: DIGITAL PRINTING PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Carol Menard Phone No Admin: 61356996258 Ext.					
--Details-- Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES Waste Code: 213 Waste Description: PETROLEUM DISTILLATES					
136	3 of 28	NNW/300.0	61.0 / -7.37	Public Services and Procurement Canada 250 City Centre Avenue Ottawa ON K1R 6K7	GEN
Generator No: ON3185623 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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Waste Code:		146 T			
Waste Description:		Other specified inorganic sludges, slurries or solids			
136	4 of 28	NNW/300.0	61.0 / -7.37	FURNITURE AFFAIRS 250 CITY CENTRE.UNIT 222 OTTAWA ON K1R6K7	GEN
Generator No:	ON8702314			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	337121, 337126				
SIC Description:	UPHOLSTERED HOUSEHOLD FURNITURE MANUFACTURING, HOUSEHOLD FURNITURE (EXCEPT WOOD AND UPHOLSTERED) MANUFACTURING				
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
136	5 of 28	NNW/300.0	61.0 / -7.37	FURNITURE AFFAIRS 250 CITY CENTRE.UNIT 222 OTTAWA ON K1R6K7	GEN
Generator No:	ON8702314			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:	337121, 337126				
SIC Description:	UPHOLSTERED HOUSEHOLD FURNITURE MANUFACTURING, HOUSEHOLD FURNITURE (EXCEPT WOOD AND UPHOLSTERED) MANUFACTURING				
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
136	6 of 28	NNW/300.0	61.0 / -7.37	Visionform Inc BAY 244-250 City Centre Avenue Ottawa ON K1R 6K7	GEN
Generator No:	ON5433512			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:					
--Details--					
Waste Code:		145 H			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		145 I			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		252 L			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		Waste crankcase oils and lubricants			
Waste Code:		331 I			
Waste Description:		Waste compressed gases including cylinders			
136	7 of 28	NNW/300.0	61.0 / -7.37	City of Ottawa 250 City Centre Avenue Ottawa ON	GEN
Generator No:		ON9363398		PO Box No:	
Status:				Country:	
Approval Years:		2013		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		913910			
SIC Description:					
--Details--					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
136	8 of 28	NNW/300.0	61.0 / -7.37	Equity Realty Group Inc. 250, 270, 290 City Centre Avenue Ottawa ON	GEN
Generator No:		ON8497519		PO Box No:	
Status:				Country:	
Approval Years:		2013		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		531310			
SIC Description:		REAL ESTATE PROPERTY MANAGERS			
--Details--					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
136	9 of 28	NNW/300.0	61.0 / -7.37	Equity Management International Limited 250 City Centre Avenue Ottawa ON	GEN
Generator No:		ON4569420		PO Box No:	
Status:				Country:	
Approval Years:		06		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		531310			
SIC Description:		Real Estate Property Managers			
--Details--					
Waste Code:		114			
Waste Description:		OTHER INORGANIC ACID WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code: 123 Waste Description: ALKALINE PHOSPHATES Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES Waste Code: 147 Waste Description: CHEMICAL FERTILIZER WASTES Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS					
136	10 of 28	NNW/300.0	61.0 / -7.37	FURNITURE AFFAIRS 250 CITY CENTRE.UNIT 222 OTTAWA ON K1R6K7	GEN
Generator No: ON8702314 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 337121, 337126 SIC Description: UPHOLSTERED HOUSEHOLD FURNITURE MANUFACTURING, HOUSEHOLD FURNITURE (EXCEPT WOOD AND UPHOLSTERED) MANUFACTURING PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:					
--Details-- Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES					
136	11 of 28	NNW/300.0	61.0 / -7.37	PUBLIC WORKS AND GOVERNMENT SERVICES CANADA 250 City Centre Av Ottawa ON K1R 6K7	GEN
Generator No: ON6026658 Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 911910 SIC Description: PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
136	12 of 28	NNW/300.0	61.0 / -7.37	FURNITURE AFFAIRS 250 CITY CENTRE.UNIT 222 OTTAWA ON	GEN
Generator No: ON8702314 Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 337121, 337126 SIC Description: UPHOLSTERED HOUSEHOLD FURNITURE MANUFACTURING, HOUSEHOLD FURNITURE (EXCEPT WOOD AND UPHOLSTERED) MANUFACTURING PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
--Details-- Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
136	13 of 28	NNW/300.0	61.0 / -7.37	Primrose Printing Inc 250 City Centre Avenue, BAY 142 Ottawa ON K1R 6K7	GEN
Generator No:	ON2422403			PO Box No:	
Status:				Country:	
Approval Years:	04,05			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	323113				
SIC Description:	Commercial Screen Printing				
--Details--					
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	264				
Waste Description:	PHOTOPROCESSING WASTES				
136	14 of 28	NNW/300.0	61.0 / -7.37	VISION FORM BAY 244-250 CITY CENTRE AVE OTTAWA ON K1R 6K7	GEN
Generator No:	ON5433512			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Carol Menard
MHSW Facility:	No			Phone No Admin:	6132312246 Ext.235
SIC Code:	323115				
SIC Description:	DIGITAL PRINTING				
--Details--					
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	232				
Waste Description:	POLYMERIC RESINS				
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
Waste Code:	213				
Waste Description:	PETROLEUM DISTILLATES				
136	15 of 28	NNW/300.0	61.0 / -7.37	Public Services & Procurement Canada ESD/Trades 250 City Centre Av Ottawa ON K1R 6K7	GEN
Generator No:	ON6026658			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jun 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Waste Code:		263 C			
Waste Description:		Misc. waste organic chemicals			
Waste Code:		213 I			
Waste Description:		Petroleum distillates			
Waste Code:		148 C			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		145 I			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		331 I			
Waste Description:		Waste compressed gases including cylinders			
Waste Code:		121 C			
Waste Description:		Alkaline slutions - containing heavy metals			
Waste Code:		263 I			
Waste Description:		Misc. waste organic chemicals			
136	16 of 28	NNW/300.0	61.0 / -7.37	VISION FORM BAY 244-250 CITY CENTRE AVE OTTAWA ON	GEN
Generator No:	ON5433512			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	323115				
SIC Description:		DIGITAL PRINTING			
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
136	17 of 28	NNW/300.0	61.0 / -7.37	Cielo Print Inc. 250 City Centre Avenue, BAY 136 Ottawa ON	GEN
Generator No:	ON2422403			PO Box No:	
Status:				Country:	
Approval Years:	06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	323113				
SIC Description:		Commercial Screen Printing			
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		264			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		PHOTOPROCESSING WASTES			
136	18 of 28	NNW/300.0	61.0 / -7.37	MARQUARDT PRINTING LTD. 250 CITY CENTRE AVENUE, UNIT 236 OTTAWA ON K1R 6K7	GEN
Generator No: ON5555800 Status: Approval Years: 2010 Contam. Facility: MHSW Facility: SIC Code: 323119 SIC Description: Other Printing		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
--Details--					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
136	19 of 28	NNW/300.0	61.0 / -7.37	C.N. Embroidery Inc. 250 City Centre Ave Unit 100 Ottawa ON K1R 6K7	SCT
Established: Plant Size (ft²): Employment:		01-AUG-94			
--Details--					
Description:		All Other Textile Product Mills			
SIC/NAICS Code:		314990			
136	20 of 28	NNW/300.0	61.0 / -7.37	Artext Electronic Publishing 250 City Centre Ave Suite 140 Ottawa ON K1R 6K7	SCT
Established: Plant Size (ft²): Employment:		01-AUG-87			
--Details--					
Description:		Other Printing			
SIC/NAICS Code:		323119			
Description:		Support Activities for Printing			
SIC/NAICS Code:		323120			
Description:		Manufacturing and Reproducing Magnetic and Optical Media			
SIC/NAICS Code:		334610			
136	21 of 28	NNW/300.0	61.0 / -7.37	Cdn Parks & Wilderness Society 250 City Centre Ave Suite 506	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Ottawa ON K1R 6K7	
Established: Plant Size (ft²): Employment:		01-DEC-64			
--Details-- Description: SIC/NAICS Code:		Social Advocacy Organizations 813310			
136	22 of 28	NNW/300.0	61.0 / -7.37	Display Laminating 250 City Centre Ave Suite 128 Ottawa ON K1R 6K7	SCT
Established: Plant Size (ft²): Employment:		01-JUL-87 6000			
--Details-- Description: SIC/NAICS Code:		Support Activities for Printing 323120			
136	23 of 28	NNW/300.0	61.0 / -7.37	Christie Lites Ltd. - Ottawa 250 City Centre Ave Suite 102-104 Ottawa ON K1R 6K7	SCT
Established: Plant Size (ft²): Employment:		01-SEP-01			
--Details-- Description: SIC/NAICS Code:		Electrical Wiring and Construction Supplies Wholesaler-Distributors 416110			
Description: SIC/NAICS Code:		Electrical Wiring and Construction Supplies Wholesaler-Distributors 416110			
Description: SIC/NAICS Code:		Other Specialty-Line Building Supplies Wholesaler-Distributors 416390			
Description: SIC/NAICS Code:		Electrical Contractors and Other Wiring Installation Contractors 238210			
Description: SIC/NAICS Code:		Industrial Machinery, Equipment and Supplies Wholesaler-Distributors 417230			
Description: SIC/NAICS Code:		Other Commercial and Industrial Machinery and Equipment Rental and Leasing 532490			
136	24 of 28	NNW/300.0	61.0 / -7.37	Quality Signs Ltd. 250 City Centre Ave Suite 128 Ottawa ON K1R 6K7	SCT
Established: Plant Size (ft²): Employment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Description:		Sign Manufacturing			
SIC/NAICS Code:		339950			
136	25 of 28	NNW/300.0	61.0 / -7.37	Ottawa Print Finishing 250 City Centre Ave Suite 226 Ottawa ON K1R 6K7	SCT
Established:		01-AUG-86			
Plant Size (ft²):		6500			
Employment:					
--Details--					
Description:		Other Printing			
SIC/NAICS Code:		323119			
Description:		Support Activities for Printing			
SIC/NAICS Code:		323120			
Description:		Support Activities for Printing			
SIC/NAICS Code:		323120			
136	26 of 28	NNW/300.0	61.0 / -7.37	Marquardt Printing Ltd. 250 City Centre Ave Bay 240 Ottawa ON K1R 6K7	SCT
Established:		01-JAN-48			
Plant Size (ft²):		10200			
Employment:					
--Details--					
Description:		Other Printing			
SIC/NAICS Code:		323119			
Description:		Digital Printing			
SIC/NAICS Code:		323115			
Description:		Support Activities for Printing			
SIC/NAICS Code:		323120			
Description:		Quick Printing			
SIC/NAICS Code:		323114			
Description:		Other Printing			
SIC/NAICS Code:		323119			
136	27 of 28	NNW/300.0	61.0 / -7.37	Cielo Print Inc. 250 City Centre Ave Unit 136 Ottawa ON K1R 6K7	SCT
Established:		01-OCT-88			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Other Printing			
SIC/NAICS Code:		323119			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		Digital Printing			
SIC/NAICS Code:		323115			
Description:		Support Activities for Printing			
SIC/NAICS Code:		323120			
136	28 of 28	NNW/300.0	61.0 / -7.37	Cascades Recovery Inc. 250 City Centre Ave. Ottawa ON	SPL
Ref No:		0423-8Y8TGA		Discharger Report:	
Site No:				Material Group:	
Incident Dt:		17-SEP-12		Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:		15		Nearest Watercourse:	
Contaminant Name:		HYDRAULIC OIL		Site Address:	
Contaminant Limit 1:				250 City Centre Ave.	
Contam Limit Freq 1:				Site District Office:	
Contaminant UN No 1:				Site Postal Code:	
Environment Impact:		Not Anticipated		Site Region:	
Nature of Impact:				Site Municipality:	
Receiving Medium:				Ottawa	
Receiving Env:				Site Lot:	
MOE Response:		No Field Response		Site Conc:	
Dt MOE Arvl on Scn:				Northing:	
MOE Reported Dt:		17-SEP-12		Easting:	
Dt Document Closed:				Site Geo Ref Accu:	
Incident Reason:				Site Map Datum:	
Site Name:		Road and curb area<UNOFFICIAL>		SAC Action Class:	
Site County/District:				Land Spills	
Site Geo Ref Meth:				Source Type:	
Incident Summary:		Cascades Recovery: 218 L hydrlic oil to road, cleaned			
Contaminant Qty:		218 L			

Unplottable Summary

Total: **74** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	Preston Street (Albert Street to Carling Avenue)	Ottawa ON	
CA	SAKTO DEVELOPMENTS	PRESTON ST. QUEENSWAY CENTRE	OTTAWA CITY ON	
CA	City of Ottawa	Preston Street	Ottawa ON	
CA	City of Ottawa	Larch Street and Laurel Street	Ottawa ON	
CA	City of Ottawa	Gladstone Avenue	Ottawa ON	
CA		Gladstone Avenue	Ottawa ON	
CA		Gladstone Avenue	Ottawa ON	
CA	City of Ottawa	Gladstone Avenue	Ottawa ON	
CA	City of Ottawa	Gladstone Avenue	Ottawa ON	
CA		Breezehill Ave N, George St, Louisa St	Ottawa ON	
CA		Breezehill Ave N, George St, Louisa St	Ottawa ON	
CA	CITY	BREEZEHILL AVE.	OTTAWA CITY ON	
CA	OTTAWA CITY	BAYSWATER AVE.	OTTAWA CITY ON	
CA	OTTAWA CITY	BAYSWATER AVE.	OTTAWA CITY ON	
CA	City of Ottawa	Balsam Street	Ottawa ON	
CA	Drain-All Ltd.	Mobile System	Ottawa ON	
CA	REG.MUN.OF OTTAWA-CARLETON	QUEENSWAY N.	OTTAWA ON	
CA	City of Ottawa	Somerset Street between West of Preston Street to Preston St	Ottawa ON	

CA	R.M. OF OTTAWA-CARLETON	SOMERSET STREET	OTTAWA CITY ON	
CA	City of Ottawa	Somerset St W	Ottawa ON	
CA	349977 Ontario Ltd.	Part 4, RP 5R-455	Ottawa ON	
CA	City of Ottawa	Somerset St W	Ottawa ON	
CA	349977 Ontario Ltd.		Ottawa ON	
CONV	349977 Ontario Ltd.		Ottawa ON	
CONV	SHELL CANADA PRODUCTS LIMITED		DON MILLS ON	
CONV	DRAIN-ALL DRAIN & SEWER CLEANING SERVICE LTD.		NEPEAN ON	
CONV	DRAIN-ALL LTD.		ON	
CONV	349977 ONTARIO LTD		ON	
ECA	City of Ottawa	Somerset St W (from Preston Street to Booth Street)	Ottawa ON	K1P 1J1
ECA	City of Ottawa	Breezehill Ave N, George St, Louisa St	Ottawa ON	K1V 6A6
ECA	City of Ottawa	Breezehill Ave N, George St, Louisa St	Ottawa ON	K1V 6A6
ECA	Drain-All Ltd.	Mobile System	Ottawa ON	K1G 3N2
ECA	349977 Ontario Ltd.	Part 4, RP 5R-455	Ottawa ON	
ECA	SNC-Lavalin Constructors (Pacific) Inc., Dragados Canada, Inc. and EllisDon	Corporation operating as OLRT Constructors Booth St	Ottawa ON	K1Z 1G3
EHS		Hwy 417	Ottawa ON	
EHS		0 Breezehill Avenue	n/a ON	
EHS		Young St	Ottawa ON	
GEN	PITTS ENGINEERING CONSTRUCTION	BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417	OTTAWA-CARLETON ON	K1G 3H6
GEN	City of Ottawa	elm Street, City Right of Way (255 city centre)	Ottawa ON	
GEN	City of Ottawa	Elm Street, City Right of Way (255 city centre)	Ottawa ON	

GEN	City of Ottawa	Elm Street, City Right of Way (255 city centre)	Ottawa ON	
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	City of Ottawa	Elm Street, City Right of Way (255 city centre)	Ottawa ON	
GEN	City of Ottawa	Elm Street and City Centre Ave (City Right of Way)	Ottawa ON	K1P 1J1
GEN	City of Ottawa	Elm Street, City Right of Way (255 city centre)	Ottawa ON	
SPL	TRANSPORT TRUCK	QUEENSWAY MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	
SPL	TOP VALU	PRESTON STREET, SOUTH OF GLADSTONE SERVICE STATION	OTTAWA-CARLETON R.M. ON	
SPL	SHELL CANADA PRODUCTS LTD.	OTTAWA AIRPORT TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	349977 Ontario Ltd.	Buckingham QUEBEC	Ottawa ON	
SPL	FRANCIS FUELS	LEMIEAUX FILTRATION PLANT TANK TRUCK (CARGO)	OTTAWA-CARLETON R.M. ON	
SPL	OLRT Constructors		Ottawa ON	NA
SPL	OLRT Constructors		Ottawa ON	
SPL	OLRT Constructors; City of Ottawa		Ottawa ON	
SPL	OLRT Constructors; City of Ottawa	Centre Median on Hwy 417 and Hwy 19.	Ottawa ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	NICHOLS SERVICE STATION, HIGHWAY MARKET, RR 1 WOODLAWN, WEST CARLETON SERVICE STATION	OTTAWA-CARLETON R.M. ON	K1T 3Z4
SPL	Shell Canada Products Limited	Shell Canada	Ottawa ON	
SPL	Enbridge Gas Distribution Inc.	HWY 417 at Vars Bridge	Ottawa ON	
SPL	Tomlinson Environmental Services Ltd.; SNC-Lavalin Constructors (Pacific) Inc	Highway 417 at Hurdman Bridge	Ottawa ON	

SPL		Hwy 417 at Hurdman Bridge, SW Corner	Ottawa ON
SPL		Hwy 417 to the corner of Rideau and King Edward	Ottawa ON
SPL	TRANSPORT TRUCK	HWY. 417 MOTOR VEHICLE (OPERATING FLUID)	OTTAWA ON
SPL	City of Ottawa	Highway 417	Ottawa ON
SPL	TRANSPORT TRUCK	EAST SIDE OF QUEENSWAY (HIGHWAY 417) BETWEEN MOODIE & EAGLESON ROADS. TRANSPORT TRUCK (CARGO)	NEPEAN CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	SERVICE STATION	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
WWIS		lot 38 con 1	OTTAWA ON

Unplottable Report

Site: City of Ottawa
Preston Street (Albert Street to Carling Avenue) Ottawa ON

Database:
CA

Certificate #: 0959-7EGRT6
Application Year: 2008
Issue Date: 5/15/2008
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: SAKTO DEVELOPMENTS
PRESTON ST. QUEENSWAY CENTRE OTTAWA CITY ON

Database:
CA

Certificate #: 7-1268-88-
Application Year: 88
Issue Date: 8/16/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: City of Ottawa
Preston Street Ottawa ON

Database:
CA

Certificate #: 0057-7EKK59
Application Year: 2008
Issue Date: 5/22/2008
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
Larch Street and Laurel Street Ottawa ON

Database:
CA

Certificate #: 9051-7BLLPL

Application Year: 2008
Issue Date: 3/25/2008
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: **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: **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: 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: 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: Breezehill Ave N, George St, Louisa St Ottawa ON

Database:
CA

Certificate #: 1592-5AVRXD
Application Year: 02
Issue Date: 6/7/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 1495 Heron Road
Client City: Ottawa
Client Postal Code: K1V 6A6
Project Description: Replacement of existing 150 mm CI watermain on Breezehill Avenue North, George Street, and Louisa Street with 150 mm PVC DR18 watermain, with the terminal portion being 50 mm type K copper
Contaminants:
Emission Control:

Site: Breezehill Ave N, George St, Louisa St Ottawa ON

Database:
CA

Certificate #: 2984-5AVRLF
Application Year: 02
Issue Date: 6/7/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa

Client Address: 1495 Heron Road
Client City: Ottawa
Client Postal Code: K1V 6A6
Project Description: Replacement of existing combined sewers on George Street and Louisa Street with new PVC SDR35 combined sewers, and the separation of the combined sewer on Breezehill Avenue North into separate storm and sanitary sewers

Contaminants:
Emission Control:

Site: CITY
BREEZEHILL AVE. OTTAWA CITY ON

Database:
CA

Certificate #: 3-1423-85-006
Application Year: 85
Issue Date: 11/22/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
BAYSWATER AVE. OTTAWA CITY ON

Database:
CA

Certificate #: 7-0907-89-
Application Year: 89
Issue Date: 6/15/1989
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
BAYSWATER AVE. OTTAWA CITY ON

Database:
CA

Certificate #: 3-1076-89-
Application Year: 89
Issue Date: 6/15/1989
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
Balsam Street Ottawa ON

Database:
CA

Certificate #: 3889-6R6NVK
Application Year: 2006
Issue Date: 6/29/2006
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: *Drain-All Ltd.
Mobile System Ottawa ON*

Database:
[CA](#)

Certificate #: A860302
Application Year: 2006
Issue Date: 8/4/2006
Approval Type: Waste Management Systems
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *REG.MUN.OF OTTAWA-CARLETON
QUEENSWAY N. OTTAWA ON*

Database:
[CA](#)

Certificate #: 3-0468-85-006
Application Year: 85
Issue Date: 6/4/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *City of Ottawa
Somerset Street between West of Preston Street to Preston St Ottawa ON*

Database:
[CA](#)

Certificate #: 8215-89TKG8
Application Year: 2010
Issue Date: 10/8/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
SOMERSET STREET OTTAWA CITY ON

Database:
CA

Certificate #: 7-0096-88-
Application Year: 88
Issue Date: 2/10/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: City of Ottawa
Somerset St W Ottawa ON

Database:
CA

Certificate #: 0195-8HMLH2
Application Year: 2011
Issue Date: 6/15/2011
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: 349977 Ontario Ltd.
Part 4, RP 5R-455 Ottawa ON

Database:
CA

Certificate #: 5545-8ESPJ5
Application Year: 2011
Issue Date: 4/28/2011
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
Somerset St W Ottawa ON

Database:
CA

Certificate #: 6180-8JKNNV
Application Year: 2011
Issue Date: 7/22/2011
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: 349977 Ontario Ltd.
Ottawa ON

Database:
CA

Certificate #: A860156
Application Year: 2010
Issue Date: 4/15/2010
Approval Type: Waste Management Systems
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 349977 Ontario Ltd.
Ottawa ON

Database:
CONV

File No: 109022
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description:

Location:
Region:
Ministry District:

An Ottawa waste services company was fined \$100,000 for depositing waste on an unapproved site and failing to decontaminate a tanker contrary to a ministry approval and the Environmental Protection Act. "Polluters should be aware that the ministry's Investigations and Enforcement Branch will vigorously pursue charges when our environmental laws are broken," said Environment Minister Jim Bradley. 349977 Ontario Ltd., operating as Lacombe Waste Services operates a waste transportation services under a ministry approval for a waste management system. The facility is located on Power Road in the City of Ottawa. The company was contracted to provide roll-off containers for a retrofit project to remove toilets and transport them for disposal. An investigation found the toilets were taken to the company's transfer facility located on Power Road in Ottawa and later transferred to a former quarry on Bank Street. Lacombe deposited two loads of approximately 500 toilets wrapped in garbage bags, including materials that were not inert fill on Bank Street, a property that was not an approved waste disposal site. A separate investigation also found Lacombe failed to properly decontaminate tankers used to transport various liquid wastes. Ministry approval requires the tankers to be cleaned when different types of waste are to be hauled. The company failed to do so leaving a load of wastewater contaminated with industrial fuels and oils. In a global resolution, Lacombe was fined a total of \$100,000 plus victim fine surcharges of \$25,000. All fines were paid immediately after the conviction.

Background:
URL:

Additional Details

Publication Date:
Count:
Act: EPA
Regulation:
Section:
Act/Regulation/Section: EPA

Date Of Offence:
Date Of Conviction:
Date Charged: July 23, 2013
Charge Disposition: fine, victim fine surcharge
Fine: \$100,000
Synopsis:

Additional Details

Publication Date:
Count:
Act:
Regulation:
Section:
Act/Regulation/Section:
Date Of Offence:
Date Of Conviction:
Date Charged: January 9, 2014
Charge Disposition: fine, victim fine surcharge
Fine: \$3,500
Synopsis:

Site: SHELL CANADA PRODUCTS LIMITED
DON MILLS 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: DISCHARGING A CONTAMINANT - ADVERSE EFFECT
Background:
URL:

Location:
Region: SOUTH EAST REGION
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 13(1)
Act/Regulation/Section: EPA- -13(1)
Date Of Offence:
Date Of Conviction:
Date Charged: 92/05/12
Charge Disposition:
Fine: 90000
Synopsis:

Site: DRAIN-ALL DRAIN & SEWER CLEANING SERVICE LTD.
NEPEAN ON

Database:
CONV

File No:
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):

Location:
Region: EASTERN REGION
Ministry District:

First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: FAILED TO COMPLY WITH CONDITIONS OF A C. OF A.
Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 186(3)
Act/Regulation/Section: EPA- -186(3)
Date Of Offence:
Date Of Conviction:
Date Charged: 7/27/93
Charge Disposition:
Fine: \$4,000
Synopsis:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 186
Act/Regulation/Section: EPA- -186
Date Of Offence:
Date Of Conviction:
Date Charged: 7/27/93
Charge Disposition:
Fine: \$4,000
Synopsis:

Site: DRAIN-ALL LTD.
ON

Database:
CONV

File No:
Crown Brief No: 98-0000-9004
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: THIS IS THE EASTERN BRIEF FOR ALL P.O.A. TICKETS
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 186(3)
Act/Regulation/Section: EPA- -186(3)

Date Of Offence:
Date Of Conviction:
Date Charged: 4/14/99
Charge Disposition: SUSPENDED SENTENCE
Fine: \$305.00
Synopsis:

Site: 349977 ONTARIO LTD
ON

Database:
CONV

File No:
Crown Brief No: 01-0136-0330
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: FAIL TO CLEARLY MARK VEHICLE USED TO HAUL SEWAGE WITH "SEWAGE WASTE" ACCORDING TO THE STANDARDS.
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District: OTTAWA

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 16 (1) (12)
Act/Regulation/Section: EPA- -16 (1) (12)
Date Of Offence:
Date Of Conviction:
Date Charged: 9/6/01
Charge Disposition: SUSPENDED SENTENCE
Fine: \$305.00
Synopsis:

Site: City of Ottawa
Somerset St W (from Preston Street to Booth Street) Ottawa ON K1P 1J1

Database:
ECA

Approval No: 6180-8JKNNV
Approval Date: 2011-07-22
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: Somerset St W (from Preston Street to Booth Street)
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6633-8GQNJY-14.pdf>

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

Site: City of Ottawa
Breezehill Ave N, George St, Louisa St Ottawa ON K1V 6A6

Database:
ECA

Approval No: 1592-5AVRXD
Approval Date: 2002-06-07
Status: Approved
Record Type: ECA
Link Source: IDS

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

SWP Area Name:
Approval Type:
Project Type:
Address:
Full Address:
Full PDF Link:

ECA-Municipal and Private Water Works
Municipal and Private Water Works
Breezehill Ave N, George St, Louisa St

Geometry Y:

Site: *City of Ottawa*
Breezehill Ave N, George St, Louisa St Ottawa ON K1V 6A6

Database:
[ECA](#)

Approval No: 2984-5AVRLF
Approval Date: 2002-06-07
Status: Revoked and/or Replaced
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: Breezehill Ave N, George St, Louisa St
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/1419-5ATHRG-14.pdf>

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

Site: *Drain-All Ltd.*
Mobile System Ottawa ON K1G 3N2

Database:
[ECA](#)

Approval No: A860302
Approval Date: 2006-08-04
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-WASTE MANAGEMENT SYSTEMS
Project Type: WASTE MANAGEMENT SYSTEMS
Address: Mobile System
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8652-6HXRNS-14.pdf>

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

Site: *349977 Ontario Ltd.*
Part 4, RP 5R-455 Ottawa ON

Database:
[ECA](#)

Approval No: 7578-948QD8
Approval Date: 2/13/2013
Status: Approved
Record Type:
Link Source:
SWP Area Name:
Approval Type:
Project Type: Air/Noise
Address:
Full Address:
Full PDF Link:

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

Site: *SNC-Lavalin Constructors (Pacific) Inc., Dragados Canada, Inc. and EllisDon Corporation operating as OLRT Constructors Booth St Ottawa ON K1Z 1G3*

Database:
[ECA](#)

Approval No: 2119-A39JCV
Approval Date: 2015-10-14
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS

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

Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Booth St
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/0563-A33SMJ-14.pdf>

Site: Hwy 417 Ottawa ON **Database:** EHS

Order No: 20120509053
Status: C
Report Type: Custom Report
Report Date: 5/16/2012
Date Received: 5/9/2012
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.670099
Y: 1

Site: 0 Breezehill Avenue n/a ON **Database:** EHS

Order No: 20080226017w
Status: C
Report Type: Online Mapless
Report Date: 2/26/2008
Date Received: 2/26/2008
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: 0
Y: 0

Site: Young St Ottawa ON **Database:** EHS

Order No: 20030828009
Status: C
Report Type: Complete Report
Report Date: 9/8/03
Date Received: 8/28/03
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection: Lorette & Champagne
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.714064
Y: 45.401749

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
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 4121
SIC Description: HIGHWAYS, STR., ETC.

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: City of Ottawa
elm Street, City Right of Way (255 city centre) Ottawa ON **Database:** GEN

Generator No: ON9563614
Status:
Approval Years: 06
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administ

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

--Details--
Waste Code: 221
Waste Description: LIGHT FUELS

Site: *City of Ottawa*
Elm Street, City Right of Way (255 city centre) Ottawa ON

Database:
[GEN](#)

Generator No: ON9563614
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

--Details--
Waste Code: 221
Waste Description: LIGHT FUELS

Site: *City of Ottawa*
Elm Street, City Right of Way (255 city centre) Ottawa ON

Database:
[GEN](#)

Generator No: ON9563614
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

--Details--
Waste Code: 221
Waste Description: LIGHT FUELS

Site: *PITTS ENGINEERING CONSTRUCTION 31-354*
BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417 OTTAWA-
CARLETON ON K1G 3H6

Database:
[GEN](#)

Generator No: ON0760802
Status:
Approval Years: 92,93,94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 4121
SIC Description: HIGHWAYS, STR., ETC.

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: *City of Ottawa*

Database:
[GEN](#)

Elm Street, City Right of Way (255 city centre) Ottawa ON

Generator No: ON9563614
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

--Details--

Waste Code: 221
Waste Description: LIGHT FUELS

Site: City of Ottawa
Elm Street and City Centre Ave (City Right of Way) Ottawa ON K1P 1J1

Database:
GEN

Generator No: ON9563614
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:

--Details--

Waste Code: 221 L
Waste Description: Light fuels

Site: City of Ottawa
Elm Street, City Right of Way (255 city centre) Ottawa ON

Database:
GEN

Generator No: ON9563614
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

--Details--

Waste Code: 221
Waste Description: LIGHT FUELS

Site: TRANSPORT TRUCK
QUEENSWAY MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database:
SPL

Ref No: 224201
Site No:
Incident Dt: 4/19/2002
Year:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: CONFIRMED
Nature of Impact: Soil contamination
Receiving Medium: LAND
Receiving Env:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved: OPP-KANATA; MTO
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20107
Site Lot:
Site Conc:
Northings:

MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/19/2002
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: LOBLAWS: 450L DIESEL FROMTRUCK TO ROAD ONLY; OPP; MTO.
Contaminant Qty:

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

Site: TOP VALU
PRESTON STREET, SOUTH OF GLADSTONE SERVICE STATION OTTAWA-CARLETON R.M. ON

Database:
SPL

Ref No: 42188
Site No:
Incident Dt: 10/16/1990
Year:
Incident Cause: CONTAINER OVERFLOW
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Water course or lake
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/16/1990
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: TOP VALU- 5 L DIESEL FUELTO GROUND
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: 20000
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
OTTAWA AIRPORT TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 90417
Site No:
Incident Dt: 8/26/1993
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
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: 8/26/1993
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:

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:

Incident Summary:
Contaminant Qty:

SHELL: 4L JET A FUEL LEAKFROM TANK TRUCK VENT DURING FUELLING

Site: 349977 Ontario Ltd.
Buckingham QUEBEC Ottawa ON

Database:
SPL

Ref No: 1588-97Z4MF
Site No:
Incident Dt: 23-MAY-13
Year:
Incident Cause: Leak/Break
Incident Event:
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Soil Contamination; Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 23-MAY-13
Dt Document Closed:
Incident Reason: Operator/Human Error
Site Name: ERCO Mondiaal<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Request for EGN
Contaminant Qty: 0 L

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Non-Point Source (i.e. run-off)
Agency Involved:
Nearest Watercourse:
Site Address: Buckingham QUEBEC
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills
Source Type:

Site: FRANCIS FUELS
LEMIEAUX FILTRATION PLANT TANK TRUCK (CARGO) OTTAWA-CARLETON R.M. ON

Database:
SPL

Ref No: 35061
Site No:
Incident Dt: 5/22/1990
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: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/22/1990
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: FRANCIS FUELS-10 L DIESELFUEL TO GRAVEL.
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: 20000
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: OLRT Constructors
Ottawa ON NA

Database:
SPL

Ref No: 2136-A6TPRD
Site No: 0500-9VRLCQ
Incident Dt: 2016/02/04
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
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: 2016/02/04
Dt Document Closed:
Incident Reason: Unknown / N/A
Site Name: OLRT Blair Station
Site County/District:
Site Geo Ref Meth: NA
Incident Summary: OLRT- 2L Diesel to Asphalt
Contaminant Qty: 2 L

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code: NA
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: 5031025
Easting: 452415
Site Geo Ref Accu: NA
Site Map Datum: NA
SAC Action Class: Land Spills
Source Type:

Site: OLRT Constructors
Ottawa ON

Database:
SPL

Ref No: 5368-A5EMJN
Site No: NA
Incident Dt: 12/21/2015
Year:
Incident Cause:
Incident Event:
Contaminant Code: 28
Contaminant Name: CONCRETE ADMIXTURE (DE-WATERING)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/21/2015
Dt Document Closed:
Incident Reason: Operator/Human Error
Site Name: OLRT construction site - located by Belfast Rd. overpass<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OLRT: 3 L of concrete washout to soil, cleaned
Contaminant Qty: 3 L

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

Site: OLRT Constructors; City of Ottawa
Ottawa ON

Database:
SPL

Ref No: 7521-9URNRM
Site No: NA
Incident Dt: 3/4/2015
Year:
Incident Cause: Leak/Break
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
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:	5029087
MOE Response:	N	Easting:	444249
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	3/19/2015	Site Map Datum:	
Dt Document Closed:	4/2/2015	SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure	Source Type:	
Site Name:	grassy area between Albert Street and the pedestrian multi-use pathway, immediately east of Booth Street<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:	10 -100 metres eg. Topographic Map		
Incident Summary:	OLRT - 15L diesel to grass March 4th, cleaning		
Contaminant Qty:	15 L		

Site: **OLRT Constructors; City of Ottawa**
Centre Median on Hwy 417 and Hwy 19. Ottawa ON

Database:
SPL

Ref No:	8012-9UYK RK	Discharger Report:	
Site No:	NA	Material Group:	
Incident Dt:	3/18/2015	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Leak/Break	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:	15	Nearest Watercourse:	
Contaminant Name:	HYDRAULIC OIL	Site Address:	Centre Median on Hwy 417 and Hwy 19.
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:	5029999
MOE Response:	N	Easting:	451014
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	3/26/2015	Site Map Datum:	
Dt Document Closed:	4/14/2015	SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure	Source Type:	
Site Name:	OLRT Construction<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ottawa LRT: 10 L Hyd. Oil- Clned.		
Contaminant Qty:	10 L		

Site: **SHELL CANADA PRODUCTS LTD.**
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No:	30521	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	2/2/1990	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:		Site Municipality:	20101
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND / AIR	Site Conc:	
Receiving Env:		Northing:	

MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/2/1990
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL TANK TRUCK-50 L AVIATION FUEL TO ASPHALT
Contaminant Qty:

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

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 16382
Site No:
Incident Dt: 3/27/1989
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/27/1989
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: UPLANDS AIRPORT - 20 L OF JET FUEL TO GROUND.
Contaminant Qty:

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

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 21872
Site No:
Incident Dt: 7/11/1989
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:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/11/1989
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:

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:

Incident Summary: SHELL REFUELING VEHICLE- 70 L AVIATION FUEL TO GROUND.
Contaminant Qty:

Site:	SHELL CANADA PRODUCTS LTD. NICHOLS SERVICE STATION, HIGHWAY MARKET, RR 1 WOODLAWN, WEST CARLETON SERVICE STATION OTTAWA-CARLETON R.M. ON K1T 3Z4		Database: SPL
Ref No:	33287	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	4/17/1990	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	UNDERGROUND TANK LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:		Site Municipality:	20000
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:	4/17/1990	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	CORROSION	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SHELL-GASOLINE POCKETS ON GROUND		
Contaminant Qty:			

Site:	Shell Canada Products Limited Shell Canada Ottawa ON		Database: SPL
Ref No:	6267-5M2K7H	Discharger Report:	
Site No:		Material Group:	Oil
Incident Dt:	4/28/2003	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:		Sector Type:	
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:	Eastern
Environment Impact:	Possible	Site Municipality:	Ottawa
Nature of Impact:	Other Impact(s)	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:	4/28/2003	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Spills
Incident Reason:		Source Type:	
Site Name:	LOADING RACK 1<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Shell - 1L gasoline		
Contaminant Qty:	1 L		

Site:	Enbridge Gas Distribution Inc. HWY 417 at Vars Bridge Ottawa ON	Database: SPL

Ref No:	6748-7X7R4U	Discharger Report:	
Site No:		Material Group:	
Incident Dt:		Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:		Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:	46	Nearest Watercourse:	
Contaminant Name:	USED MOTOR 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:	
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:	No Field Response	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	10/26/2009	Site Map Datum:	
Dt Document Closed:	1/8/2010	SAC Action Class:	Highway Spills (usually highway accidents)
Incident Reason:		Source Type:	
Site Name:	HWY 417 at Vars Bridge<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Motor Vehicle-30 L Used Motor Oil to Hwy 417.		
Contaminant Qty:	30 L		

Site: Tomlinson Environmental Services Ltd.; SNC-Lavalin Constructors (Pacific) Inc
Highway 417 at Hurdman Bridge Ottawa ON **Database:** SPL

Ref No:	1322-9K2JFE	Discharger Report:	
Site No:	NA	Material Group:	
Incident Dt:	2014/05/07	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Leak/Break	Sector Type:	Drilling Operation
Incident Event:		Agency Involved:	
Contaminant Code:	41	Nearest Watercourse:	Highway 417 at Hurdman Bridge
Contaminant Name:	WATER/SEDIMENT	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:	Surface Water Pollution	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:	2014/05/12	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Watercourse Spills
Incident Reason:	Unknown / N/A	Source Type:	
Site Name:	OLRT: Highway 417 @ Hurdman Bridge<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OLRT: Spill of Concrete Drilling Fluid to Hwy 417 CB		
Contaminant Qty:	5 L		

Site: Hwy 417 at Hurdman Bridge, SW Corner Ottawa ON **Database:** SPL

Ref No:	6747-9RDR6G	Discharger Report:	
Site No:	NA	Material Group:	
Incident Dt:	2014/12/01	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Unknown / N/A	Sector Type:	Unknown / N/A
Incident Event:		Agency Involved:	
Contaminant Code:	13	Nearest Watercourse:	

Contaminant Name:	HYDROCARBON LIGHT	Site Address:	Hwy 417 at Hurdman Bridge, SW Corner
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:	5029450
MOE Response:	N	Easting:	448057
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	2014/12/01	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Land Spills
Incident Reason:	Unknown / N/A	Source Type:	
Site Name:	Ottawa LRT Project <UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ottawa LRT Project - 4L petroleum to grd, cleaning		
Contaminant Qty:	4 L		

Site: Hwy 417 to the corner of Rideau and King Edward Ottawa ON **Database:** SPL

Ref No:	5750-74BMWG	Discharger Report:	
Site No:		Material Group:	Oil
Incident Dt:		Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Unknown	Sector Type:	Transport Truck
Incident Event:		Agency Involved:	
Contaminant Code:	15	Nearest Watercourse:	
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)	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:	Land	Site Conc:	
Receiving Env:		Northing:	
MOE Response:	No Field Response	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	6/19/2007	Site Map Datum:	
Dt Document Closed:	12/8/2007	SAC Action Class:	
Incident Reason:	Unknown - Reason not determined	Source Type:	
Site Name:	Oil Spill on the road<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	UnknTransport Truck: 50L Oil to Road, Cln		
Contaminant Qty:	50 L		

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:
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/4/2000
Dt Document Closed:
Incident Reason: OTHER
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: RSR ENVIRONMENTAL:SPILL OF 50-100 L DIESEL DUE TO ROLLOVER. CONTAINED.
Contaminant Qty:

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

Site: City of Ottawa
 Highway 417 Ottawa ON

Database:
 SPL

Ref No: 3043-7QMTYH Site No: Incident Dt: Year: Incident Cause: Pipe Or Hose Leak Incident Event: Contaminant Code: Contaminant Name: ENGINE OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Other Impact(s) Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 3/30/2009 Dt Document Closed: Incident Reason: Unknown - Reason not determined Site Name: EB Merge Lane Hwy 417 & Eagleson Road Site County/District: Site Geo Ref Meth: Incident Summary: OC Transpo: 10L engine oil to grnd on Hwy 417 Contaminant Qty: 10 L	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: Ottawa Site Lot: Site Conc: Northing: NA Easting: NA Site Geo Ref Accu: Site Map Datum: SAC Action Class: Primary Assessment of Incident Source Type:

Site: TRANSPORT TRUCK
 EAST SIDE OF QUEENSWAY (HIGHWAY 417) BETWEEN MOODIE & EAGLESON ROADS. TRANSPORT TRUCK
 (CARGO) NEPEAN CITY ON

Database:
 SPL

Ref No: 76887 Site No: Incident Dt: 9/28/1992 Year: Incident Cause: OTHER CONTAINER LEAK Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: NOT ANTICIPATED Nature of Impact: Soil contamination Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 9/28/1992 Dt Document Closed: Incident Reason: UNKNOWN Site Name: Site County/District:	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: 20104 Site Lot: Site Conc: Northing: Easting: F.D., MTO Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:

Site Geo Ref Meth:
Incident Summary: TRANSPORT TRUCK-30 L DIESEL FUEL TO DITCH.
Contaminant Qty:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No:	26231	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	10/5/1989	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	20101
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	DEPT OF TRANSPORT
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	10/5/1989	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:	SHELL CANADA - 120L JET FUEL TO TERMINAL RAMP		
Contaminant Qty:			

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No:	84404	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	4/21/1993	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	20101
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/22/1993	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:	SHELL CANADA - 40 L OF AVIATION FUEL AT GATE A DUE TO TRUCK LEAK		
Contaminant Qty:			

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No:	81843	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	2/14/1993	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	20101
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	2/14/1993	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:	SHELL CANADA - 20 L OF AVIATION FUEL TO RAMP DUE TO TRUCK LEAK		
Contaminant Qty:			

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No:	8471	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	8/22/1988	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:		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:	8/22/1988	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:	UPLANDS AIRPORT - 50 L OF JET FUEL TO PAVEMENT FROM TANK TRUCK.		
Contaminant Qty:			

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No:	81836	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	2/14/1993	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:	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:	2/14/1993	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:	SHELL-25L OF JET A-1 FUEL TO GROUND DURING FUELLING CONTAINED, CLEANED UP.		
Contaminant Qty:			

Site: SHELL CANADA PRODUCTS LTD.
SERVICE STATION OTTAWA CITY ON

Database:
SPL

Ref No:	60160	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	11/24/1991	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	20101
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	SHELL, FIRE DEPT. TRIANGLE PUMP
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	11/25/1991	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:	SHELL SERVICE STATION - 25 L. OF GASOLINE TO GROUND FROM LEAKY CAR		
Contaminant Qty:			

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No:	23253	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	//	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:		Site Municipality:	20101
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	

MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/7/1989
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL- 4.5 LTR SPILL OF JET FUEL AT UPLANDS AIRPORT
Contaminant Qty:

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

Site:
 lot 38 con 1 OTTAWA ON

Database:
 WWIS

Well ID: 1536436
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z45513
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 7/5/2006
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:
Street Name: IRVING AVE
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot: 038
Concession: 01
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11550502
DP2BR:
Spatial Status:
Code OB:
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 14-JUN-06
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Annular Space/Abandonment Sealing Record

Plug ID: 933295275
Layer: 1
Plug From: 0
Plug To: 27
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 961536436
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11560109
Casing No: 1
Comment:
Alt Name:

Hole Diameter

Hole ID: 11681211
Diameter: 20
Depth From: 0
Depth To: 2.7
Hole Depth UOM: m
Hole Diameter UOM: cm

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 2018

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

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, 2019

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 2014

Certificates of Approval:

Provincial [CA](#)

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal

CDRY

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

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial

CFOT

List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; 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: 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, 2019

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 - Mar 2019

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-Mar 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-Mar 31, 2019

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 - Oct 2018

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-Mar 31, 2019

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-Mar 31, 2019

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-Mar 31, 2019

Environmental Effects Monitoring:

Federal

[EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

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

Government Publication Date: 1999-Jan 31, 2019

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, 2018

List of TSSA Expired Facilities:

Provincial

[EXP](#)

List of facilities and tanks - for which there was once a registration - no longer registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed from the ground are included in the expired facilities inventory held by the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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.

Government Publication Date: Jun 2000-Oct 2018

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 2018

Fuel Storage Tank:

Provincial

FST

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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-Dec 31, 2018

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 2016

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*

TSSA Incidents:

Provincial

INC

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as 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 will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Sep 30, 2017

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 2019

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, 2017

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 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-Dec 31, 2018

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

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

Government Publication Date: 1988-Feb 28, 2019

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 OGSRL 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-May 2018

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-Mar 31, 2019

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: 1988-Sep 2018

TSSA Pipeline Incidents:

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), 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 pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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-Mar 31, 2019

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-Mar 2019

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, 2019

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

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

Government Publication Date: 1988-Feb 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, 2016

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

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all 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. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

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-Mar 31, 2019

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: Dec 31, 2017

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.

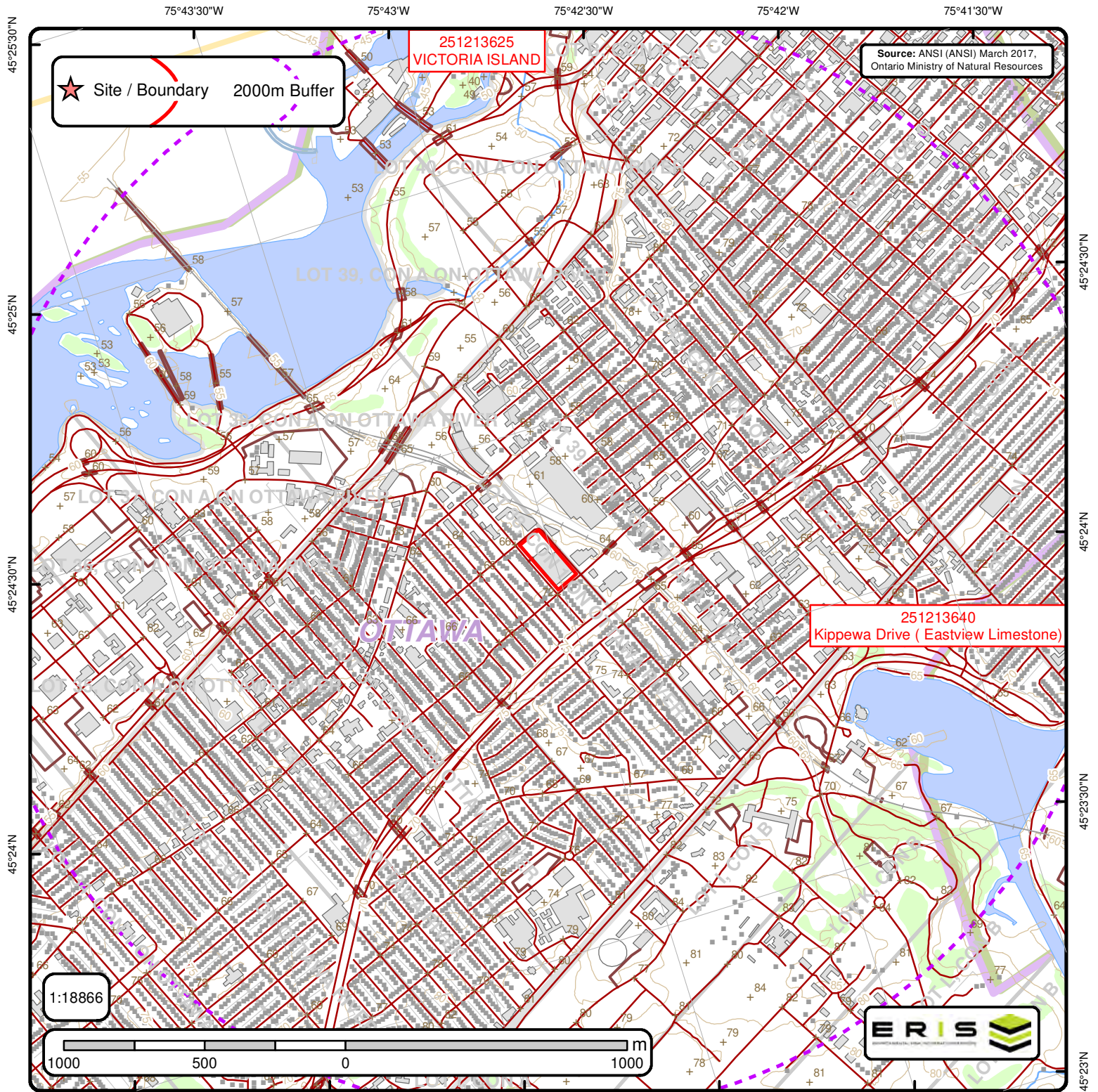
'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'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.



Area of Natural & Scientific Interest (ANSI) Order No. 20190501135

+	Spot Height	—	Transportation Structure	—	Contour Line	■	Wooded Area
■	Building Point	—	Utility Line	■	Pit or Quarry	■	Conservation Authority
⚡	Towers	—	Water Structure	■	Waterbody	■	Conservation Area
●	Utility Site Point	—	Drainage Line Feature	■	Wetlands	■	Municipal Park
—	Misc. Line	—	River or Stream	■	Concession	■	Provincial Park
—	Railroads	■	Airports	■	Lots	■	National Park
—	Roads	■	Tanks	■	Municipality	■	Nature Reserve
- - -	Trail	■	Building to Scale	■	Land Ownership	■	ANSI Area



ANSI Report

ANSI Units Found within 2000 m of

975 Gladstone Avenue, Ottawa, ON, K1Y 4W5

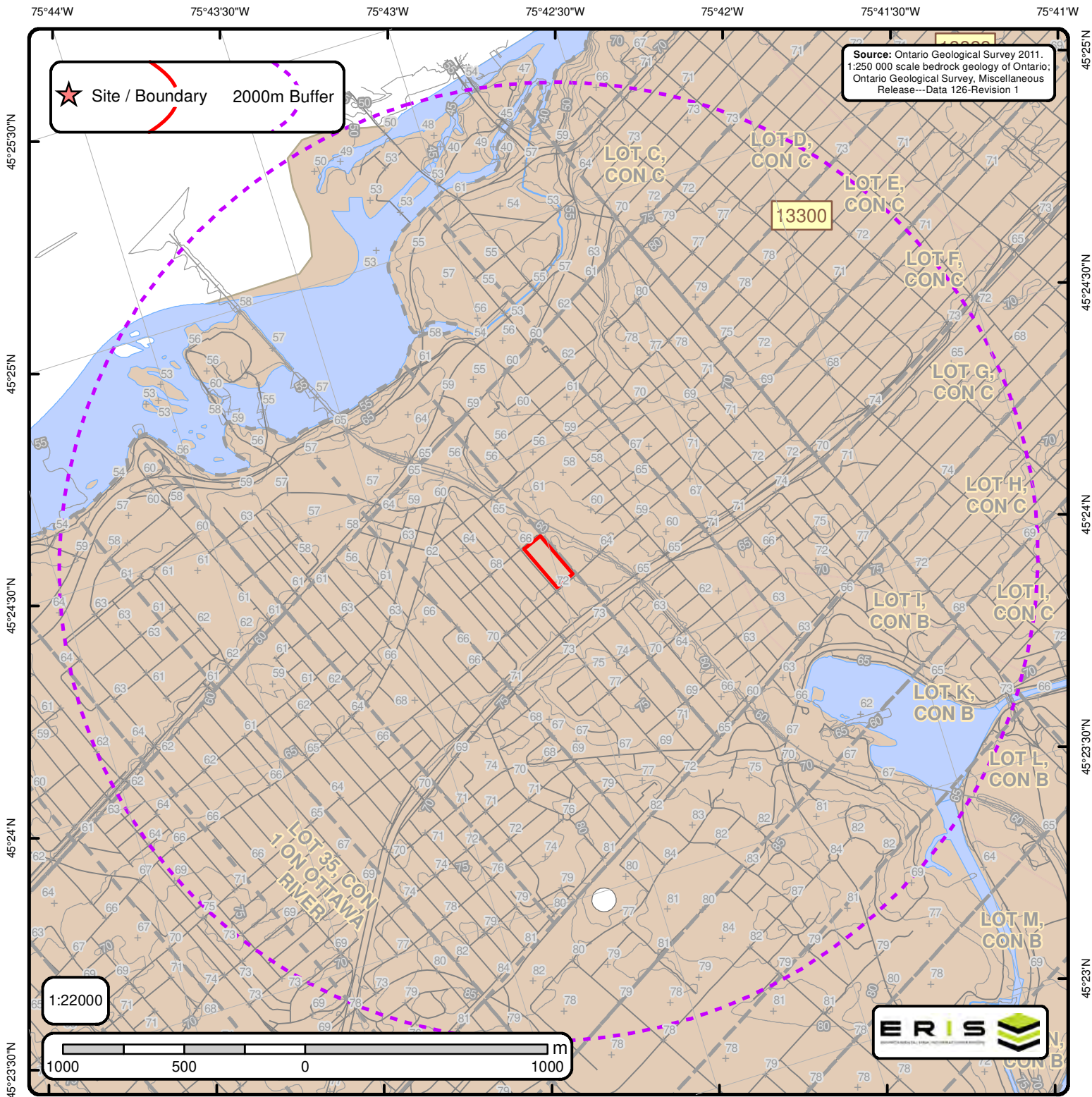


ANSI Name: VICTORIA ISLAND

ID: 251213625 | **Type:** ANSI, Earth Science | **Significance:** Provincial | **Management Plan:** No | **Area (sqm):** 856.746 | **Comments:**

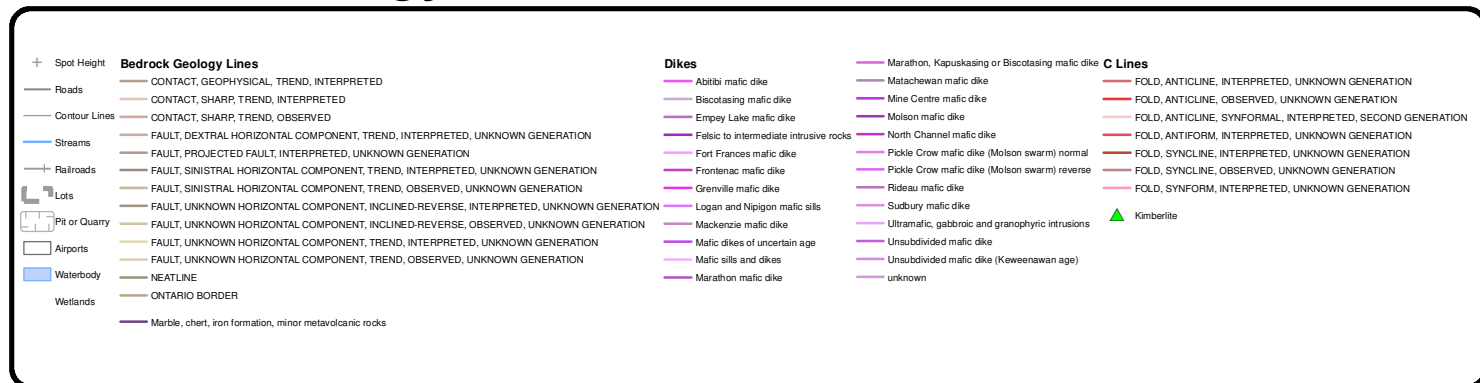
ANSI Name: Kippewa Drive (Eastview Limestone)

ID: 251213640 | **Type:** ANSI, Earth Science | **Significance:** Provincial | **Management Plan:** No | **Area (sqm):** 1234.663 | **Comments:**



Bedrock Geology of Ontario

Order No. 20190501135





Bedrock Geology Report

Bedrock Geology units found within 2000 m of
975 Gladstone Avenue, Ottawa, ON, K1Y 4W5



ID: 13323 | **Unit Name:** |

Type (All): 55b | **Type (Primary):** 55b | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Shale, limestone, dolostone, siltstone | **Strata (Primary):** Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member; Eastview Member | **Super Eon (Primary):** | **Eon (Primary):** PHANEROZOIC (Present to 542.0 Ma) | **Era (Primary):** PALEOZOIC (251.0 Ma to 542.0 Ma) | **Period (Primary):** ORDOVICIAN (443.7 Ma to 488.3 Ma) | **Epoch (Primary):** UPPER ORDOVICIAN | **Province (Primary):**

ID: 13300 | **Unit Name:** |

Type (All): 54a | **Type (Primary):** 54a | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Limestone, dolostone, shale, arkose, sandstone | **Strata (Primary):** Ottawa Group; Simcoe Group; Shadow Lake Formation | **Super Eon (Primary):** | **Eon (Primary):** PHANEROZOIC (Present to 542.0 Ma) | **Era (Primary):** PALEOZOIC (251.0 Ma to 542.0 Ma) | **Period (Primary):** ORDOVICIAN (443.7 Ma to 488.3 Ma) | **Epoch (Primary):** MIDDLE ORDOVICIAN (now considered UPPER DEVONIAN) | **Province (Primary):**



ID - Unit ID **Unit Name** - Generalized geological unit classification

Type (All) - The geological unit number(s) or code(s) for all rock types present in an individual polygon.

Type (Primary) - The primary geological unit number or code for the primary rock type in an individual polygon

Type (Secondary) - The secondary geological unit number or code for the secondary rock type, if present, in an individual polygon

Type (Tertiary) - The tertiary geological unit number or code for the tertiary rock type, if present, in an individual polygon

Rock Type (Primary) - Rock type or sub-unit description

Status (Primary) - The Stratigraphic unit. Divided into:

Supergroup (two or more groups and lone formations)
Group (two or more formations)
Formation (primary unit of lithostratigraphy)
Member (named lithologic subdivision of a formation)
Bed (named distinctive layer in a member or formation)

Super Eon (Primary) - A name given to the largest defined unit of geological time, divided into Eons. Unique values which this field may contain (Domains) are:

PRECAMBRIAN (0.542 Ga to <3.85 Ga)

Eon (Primary) - A name given to a defined unit of geological time, divided into Eras. Unique values which this field may contain (Domains) are:

ARCHEAN (2.5 Ga to <3.85 Ga)
PROTEROZOIC (0.542 Ga to 2.50 Ga)
PHANEROZOIC (Present to 542.0 Ma)

Era (Primary) - A name given to a defined unit of geological time, divided into Periods. Each era on the scale is separated from the next by a major event or change. Unique values which this field may contain (Domains) are:

MESOARCHEAN (2.8 Ga to 3.2 Ga)	MESOPROTEROZOIC (1.0 Ga to 1.6 Ga)
NEO-TO MESOARCHEAN (2.5 Ga to 3.2 Ga)	EARLY PALEOZOIC TO NEOPROTEROZOIC (443.7 Ma to 1.0 Ga)
NEOARCHEAN (2.5 Ga to 2.8 Ga)	NEO-TO MESOPROTEROZOIC (0.542 Ga to 1.6 Ga)
PALEOPROTEROZOIC (1.6 Ga to 2.5 Ga)	PALEOZOIC (251.0 Ma to 542.0 Ma)
MESO-TO PALEOPROTEROZOIC (1.0 Ga to 2.5 Ga)	MESOZOIC (65.5 Ma to 251.0 Ma)

Period (Primary) - A name given to a defined unit of geological time, divided into Epochs. Unique values which this field may contain (Domains) are:

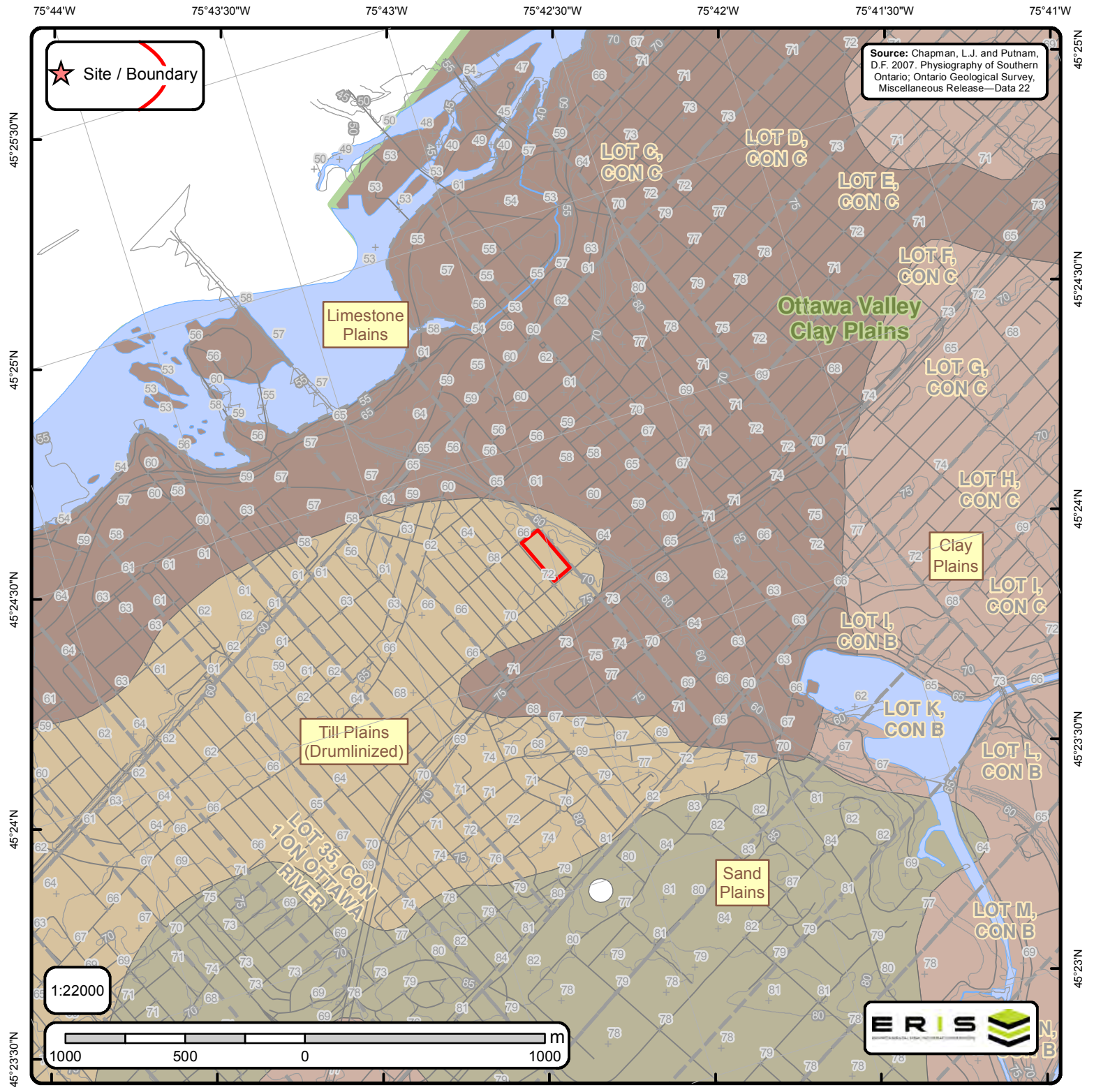
CAMBRIAN (488.3 Ma to 542.0 Ma)
ORDOVICIAN (443.7 Ma to 488.3 Ma)
SILURIAN (416.0 Ma to 443.7 Ma)
DEVONIAN (359.2 Ma to 416.0 Ma)
MISSISSIPPIAN TO DEVONIAN (318.1 Ma to 416.0 Ma)
JURASSIC (145.5 Ma to 199.6 Ma)
CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)

Epoch (Primary) - A name given to a defined unit of geological time. Unique values which this field may contain (Domains) are:

LOWER ORDOVICIAN	UPPER SILURIAN
MIDDLE ORDOVICIAN	LOWER DEVONIAN
UPPER ORDOVICIAN	MIDDLE DEVONIAN
MIDDLE AND LOWER SILURIAN	UPPER DEVONIAN
UPPER SILURIAN TO LOWER DEVONIAN	LOWER CRETACEOUS AND MIDDLE JURASSIC

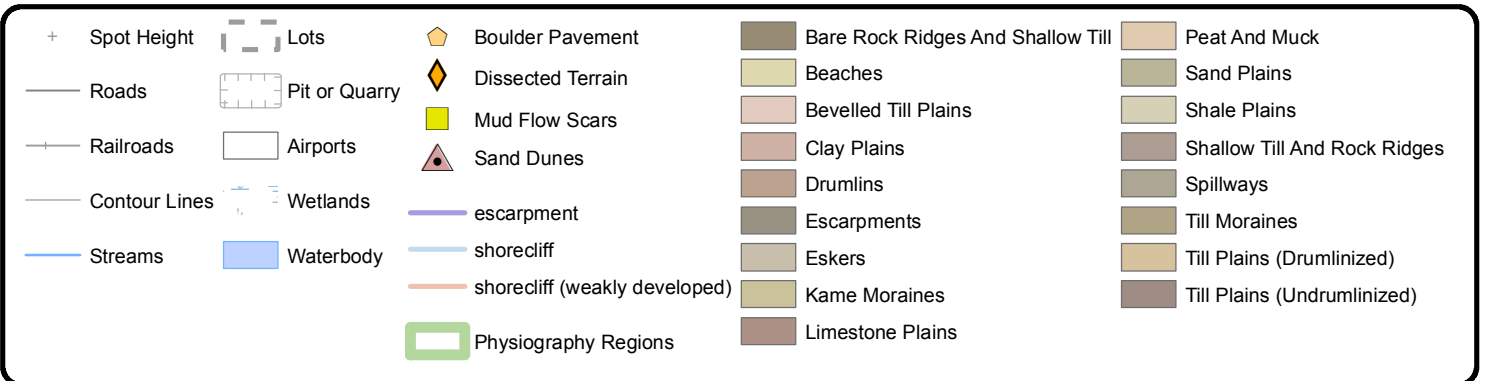
Province (Primary) - The Geological Province the geological unit is in. Unique values which this field may contain (Domains) are:

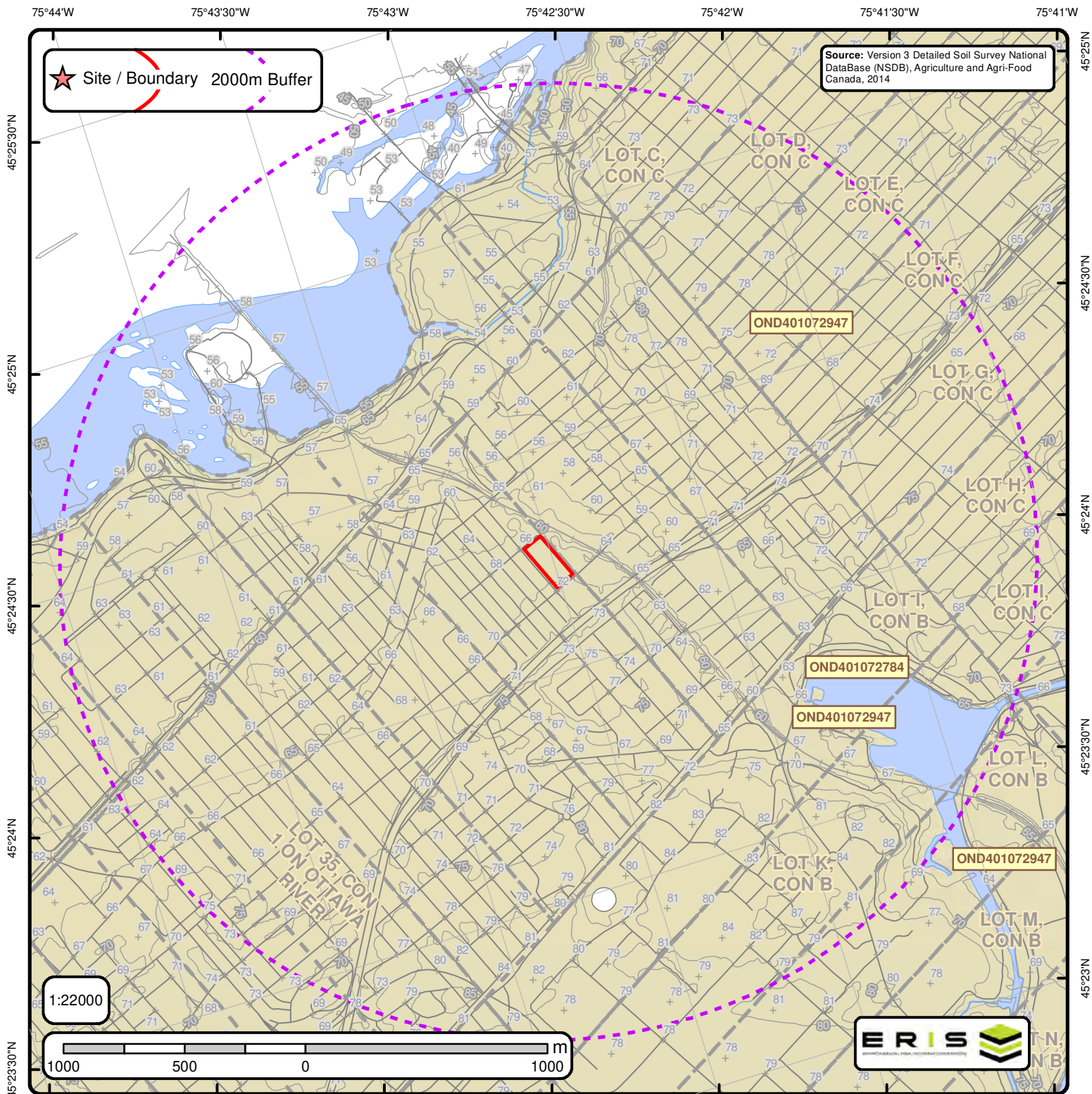
SUPERIOR
SOUTHERN
SUPERIOR
GRENVILLE



Physiography of Southern Ontario

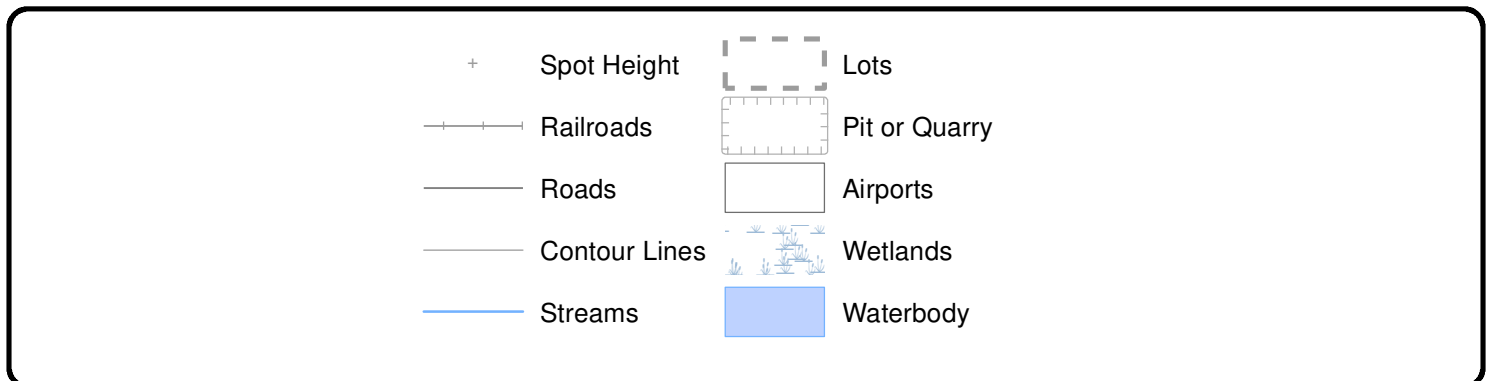
Order No. 20190501135





Detailed Soil Survey (ON Soils)

Order No. 20190501135





Soils Report

Soil Map Units Found within 2000 m of
975 Gladstone Avenue, Ottawa, ON, K1Y 4W5

Page 1
Order ID:
20190501135

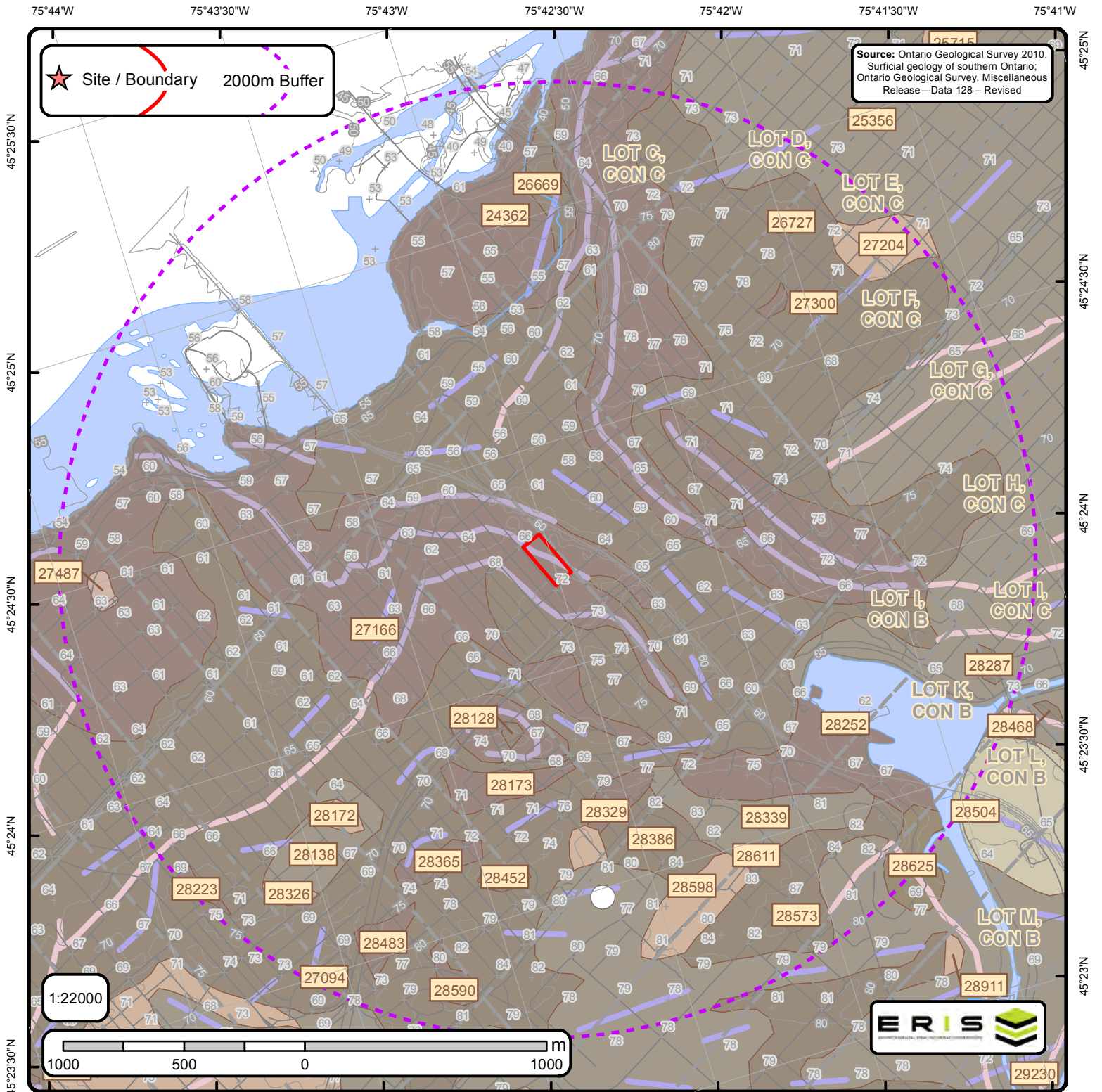


Soil ID: OND401072784

Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZZZ~~~~~N | **Surface Stoniness Class** : Not Applicable | **Slop Steepness(%)** : None | **Slop Length(m)** : -9 | **Drainage** : Not Applicable | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : None | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-100 | **Horizon** : -- | **Layer No** : 1 | **Very Fine Sand(%)** : -9 | **Total Sand(%)** : -9 | **Total Silt(%)** : -9 | **Total Clay(%)** : -9 | **Organic Carbon(%)** : None | **pH in Calc Chloride** : None | **Saturated Hydraulic Conductivity(cm/h)** : None | **Electrical Conductivity(dS/m)** : None |

Soil ID: OND401072947

Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZUN~~~~~N | **Surface Stoniness Class** : Not Applicable | **Slop Steepness(%)** : None | **Slop Length(m)** : -9 | **Drainage** : Not Applicable | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : None | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Soil Name** : UNCLASSIFIED | **Water Table Characteristics** : Unspecified period | **Soil Drainage Class** : Not applicable | **Kind of Surface Material** : Unclassified | **Layer that Restricts Root Growth** : No root restricting layer | **Type of Root Restricting Layer** : n/a | **Parent Material 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Mode of Deposition 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Parent Material Chemical Property 1|2|3** : Not Applicable; Not Applicable; Not Applicable |



The Surficial Geology of Southern Ontario

Order No. 20190501135





ID: 24362 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 25356 | **Unit Name:** Offshore marine deposits |
Deposit Type Code: 3a | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** glaciomarine | **Primary General Modifier:** foreshore/basinal | **Veneer:** silt, sand | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay and silt underlying erosional terraces; upper part of marine deposits removed to variable depths by fluvial erosion so in places clay is uniform blue-grey; unit includes lenses, bars and channel fills to sand and pockets of nonmarine silt that were

ID: 26669 | **Unit Name:** Till |
Deposit Type Code: 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium | **Material Description:** Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc

ID: 26727 | **Unit Name:** Till |
Deposit Type Code: 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium | **Material Description:** Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc

ID: 27094 | **Unit Name:** Till |
Deposit Type Code: 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium | **Material Description:** Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc



ID: 27166 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 27204 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.

ID: 27254 | **Unit Name:** Offshore marine deposits |
Deposit Type Code: 3a | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** glaciomarine | **Primary General Modifier:** foreshore/basinal | **Veneer:** silt, sand | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay and silt underlying erosional terraces; upper part of marine deposits removed to variable depths by fluvial erosion so in places clay is uniform blue-grey; unit includes lenses, bars and channel fills to sand and pockets of nonmarine silt that were

ID: 27300 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 27487 | **Unit Name:** Dunes |
Deposit Type Code: dun | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** eolian | **Primary General Modifier:** | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Medium-High | **Material Description:** Dunes (largely stabilized) and sand deposits generally reworked by the wind.



ID: 28038 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 28128 | **Unit Name:** Till |
Deposit Type Code: 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial |
Primary General Modifier: | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface |
Provenance: N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium |
Material Description: Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc

ID: 28138 | **Unit Name:** Offshore marine deposits |
Deposit Type Code: 3a | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: clay, silt | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** glaciomarine |
Primary General Modifier: foreshore/basinal | **Veneer:** silt, sand | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay and silt underlying erosional terraces; upper part of marine deposits removed to variable depths by fluvial erosion so in places clay is uniform blue-grey; unit includes lenses, bars and channel fills to sand and pockets of nonmarine silt that were

ID: 28172 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.

ID: 28173 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.



ID: 28223 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 28252 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 28287 | **Unit Name:** Till |
Deposit Type Code: 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface |
Provenance: N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium |
Material Description: Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc

ID: 28326 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** |
Carbon Content: | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.

ID: 28329 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.



ID: 28339 | **Unit Name:** Offshore marine deposits |
Deposit Type Code: 3a | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** glaciomarine | **Primary General Modifier:** foreshore/basinal | **Veneer:** silt, sand | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay and silt underlying erosional terraces; upper part of marine deposits removed to variable depths by fluvial erosion so in places clay is uniform blue-grey; unit includes lenses, bars and channel fills to sand and pockets of nonmarine silt that were

ID: 28365 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 28386 | **Unit Name:** Till |
Deposit Type Code: 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium | **Material Description:** Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc

ID: 28428 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.

ID: 28452 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.



ID: 28483 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 28504 | **Unit Name:** Organic deposits |
Deposit Type Code: 7 | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** organic deposits | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** wetland | **Primary General Modifier:** | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** High | **Material Description:** Mainly muck and peat in bogs, fens, swamps and poorly drained areas.

ID: 28573 | **Unit Name:** Till |
Deposit Type Code: 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface |
Provenance: N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium |
Material Description: Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc

ID: 28590 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 28598 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.



Surface Geology Report

Surface Geology units found within 2000 m of
975 Gladstone Avenue, Ottawa, ON, K1Y 4W5

Page 7
Order ID:
20190501135



ID: 28611 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 |
Primary Material: Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface |
Provenance: | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 28625 | **Unit Name:** Landslide |
Deposit Type Code: l | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** clay | **Secondary Material:** sand | **Primary General:** colluvial | **Primary General Modifier:** landslide | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Landslide area showing location of headscarp and general trend of slump ridges. Ridges generally consist of clay with overlying or admixed sand.



Surface Geology Report Metadata

Ontario Geological Survey 2010. Surficial geology of southern Ontario;
Ontario Geological Survey, Miscellaneous Release - Data 128 - Revised.

ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY



ID - ID applied to the Unit

Unit Name - Name of deposit

Deposit Type Code - The geological unit number taken from the original map legend.

Deposit Age - to show the age when the sediments were deposited, e.g., Wisconsinan, postglacial or recent.

Map Number - Original map series number, eg., 'M2402' or 'P1973'. Each sgu_point feature is tagged to its original map.

Map Name - Usually NTS area where mapping was completed, e.g., 'Golden Lake'

Source Map Scale - The scale at which the original map was captured, e.g., '1:50 000'

Primary Material - This attribute provides the user with information regarding the most prevalent material present within a given area.

Primary Material Modifier - This attribute provides the user with a more refined description of the lithological classification of the primary material.

Secondary Material - This attribute provides the user with information regarding subordinate materials present within a given area.

Primary General - This attribute provides the user with an interpretation of the depositional environment within which the primary material was deposited.

Primary General Modifier - This attribute provides the user with a refined interpretation of the primary genetic modifier.

Veneer - This attribute provides the user with information regarding the type of material that forms a thin, discontinuous veneer over the primary material.

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Phase - A diachronic stratigraphic unit in a lower order than Subepisode, and the proposed sequence-stratigraphic classification is listed in the following table in the eastern and northern Great Lakes area (Karrow et al. 2000)

Stratus Modifier - This attribute provides the user information regarding the stratigraphic position of the mapped unit (i.e., whether the unit occurs primarily on the surface or in the subsurface).

Provenance - This attribute provides the user with information regarding the provenance of a particular till unit (i.e. direction or lobe from which the till is derived).

Carbon Content - This attribute provides the user with information regarding the carbonate content of till.

Formation - This attribute provides the user with information regarding the formation to which a given primary material belongs (e.g., Tavistock Till, Port Stanley Till, Scarborough Formation). This attribute is seamless and allows the user to create a map based on formation.

Permeability - This attribute provides the user with basic information about permeability of the sediments in a ranking of high, medium and low.

Material Description - Material or sediment description, e.g., 'sand and silty fine sand', 'silty sand and gravel' and 'silty till with low stone content'.

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



CITY
DIRECTORY

Project Property:	<i>975 Gladstone Avenue, Ottawa, Ontario</i>
Report Type:	<i>City Directory</i>
Order No:	<i>20190503044</i>
Information Source:	<i>Vernon's Ottawa & Area, Ontario City Directory</i>
Date Completed:	<i>07/05/2019</i>

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

City Directory Information Source
Vernon's Ottawa & Area, Ontario City Directory

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 2011	
Site Listing:	-Res (1 Tenant)
Adjacent Properties:	
933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Hypernet Inc -Lashley & Associates -H2 Creative Inc -Adam N R -Canadian Assn of Second Language Teachers -Société Educative de Visites et D'Échanges au Canada -Southam Design -Mindwire -Media Awareness Network -Canadian Coalition For Global Health research

	-Marsworks
951 Gladstone Avenue	-Enriched Bread Artists Studios
111 Breezehill Avenue North	-Grandtech Auto
35 Laurel Street	-Signsin23Hours.com
127 Loretta Avenue North	-Address Not Listed
131 Loretta Avenue North	-Beacon Lite Ltd
145 Loretta Avenue North	-Digital Pre-Press Integration Inc -Terrapro Corporation
175 Loretta Avenue North	-Address Not Listed

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 2006-07	
Site Listing:	-Address Not Listed

Adjacent Properties:	
933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Segue Inc -Lixar -Mac Group -Employment News -Renters News -Auto Trader -Isell Classifieds -Truck Trader Magazine -Adam N R -Mindwire -Marsworks
951 Gladstone Avenue	-Enriched Bread Artists Studios -Canjai Trading
111 Breezehill Avenue North	-Address Not Listed
35 Laurel Street	-IDS International Duplication Services Inc
127 Loretta Avenue North	-Address Not Listed

131 Loretta Avenue North	-Beacon Lite Ltd
145 Loretta Avenue North	-Terrapro Corporation
175 Loretta Avenue North	-Address Not Listed

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 2001-02	
Site Listing:	-BA British American Banknote Inc
Adjacent Properties:	
933 Gladstone Avenue	-St Joseph Print Group
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Mac Group -Employment News -Renters News -Auto Trader

	-Bonsall Communications -David Berman Technographics Ltd -Herrera Berman Communications Inc -Artistic Home Renovations Ltd -A T -Hangar 13 Art & Design -Affinity Group -Adam N R
951 Gladstone Avenue	-Enriched Bread Artists Studios -Brown B -Silkware
111 Breezehill Avenue North	-Grandtech Auto
35 Laurel Street	-IDS International Duplication Services Inc -Auto Paint Supply
127 Loretta Avenue North	-Address Not Listed
131 Loretta Avenue North	-Beacon Lite Ltd
145 Loretta Avenue North	-Address Not Listed
175 Loretta Avenue North	-Address Not Listed

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 1996-97	
Site Listing:	-BA British American Banknote Inc
Adjacent Properties:	
933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Connelly Business Exhibitions -David Berman Typographics Ltd -Bayne Herrera Berman Communications Ltd -Ergo-Office Interiors -Truck Bike and Boat Trader magazine -Industrial Cleaning Supplies -First Nations Management & Associates -Renters News -Auto Trader -Affinity Group -Adam N R

951 Gladstone Avenue	-Res (2 Tenants) -Trevor John Studios -Axiom Photography -Hidden Secrets -Aboutface Drymounting
111 Breezehill Avenue North	-Address Not Listed
35 Laurel Street	-IDS International Duplication Services Inc -Acklands Auto Paint Supply -Res (1 Tenant)
127 Loretta Avenue North	-Address Not Listed
131 Loretta Avenue North	-Beacon Lite Ltd
145 Loretta Avenue North	-Address Not Listed
175 Loretta Avenue North	-Address Not Listed

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 1992	

Site Listing:	-BA British American Bank Note Inc
Adjacent Properties:	
933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Glenhill Building Specialties -Habitec General Contracting Inc -Toy Testing Council -Metro Publishing -Ovidio Sbrissa Architects -Blue Bird Carpet Cleaning -Sunco Carpet Cleaning -Genesis Graphics -Truck Bike and Boat Trader magazine -Auto Trader Magazine -Adam N R
951 Gladstone Avenue	-Res (3 Tenants) -Aboutface Drymounting
111 Breezehill Avenue North	-Res (2 Tenants)

35 Laurel Street	-IDS International Duplication Services Inc -Res (2 Tenants)
127 Loretta Avenue North	-Address Not Listed
131 Loretta Avenue North	-Beacon Lite Ltd
145 Loretta Avenue North	-Address Not Listed
175 Loretta Avenue North	-Address Not Listed

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 1987	
Site Listing:	-British American Bank Note Inc
Adjacent Properties:	
933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed

950 Gladstone Avenue	-White's Print & Copy LTd -Herb's Small Engines repair service -Bota Consulting -Riecourt Adam Inc -Sheet Metal Ltd -Old Car Trader newspaper -Equipment Trader newspaper -Eastern Ontario Edition Trader newspaper -Joint Venture Edition National Wide newspaper -Truck Bike and Boat Trader newspaper -Auto Trade Magazine newspaper
951 Gladstone Avenue	-Love Printing Service
111 Breezehill Avenue North	-Awad Appliances Co Ltd
35 Laurel Street	-Res (1 Tenant)
127 Loretta Avenue North	-Address Not Listed
131 Loretta Avenue North	-Beacon Lite Ltd
145 Loretta Avenue North	-BA Bank Note Div Br Visa
175 Loretta Avenue North	-Regional Govt of Ottawa

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 1981-82	
Site Listing:	-British American Bank Note Inc
Adjacent Properties:	
933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-White's Print & Copy Ltd -Herb's Small Engines repair service -Queensway Insulation Supply Company Ltd -Pri-Tel Inter-Connect Ltd -Decorators Associates -Reicourt Adam Inc
951 Gladstone Avenue	-Love Printing Service Ltd
111 Breezehill Avenue North	-Address Not Listed

35 Laurel Street	-Res (1 Tenant)
127 Loretta Avenue North	-No Return
131 Loretta Avenue North	-Beacon Lite Ltd
145 Loretta Avenue North	-BA Bank Note Div Br Visa
175 Loretta Avenue North	-Regional Govt of Ottawa

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 1975	
Site Listing:	-British American Bank Note Inc
Adjacent Properties:	
933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Address Not Listed

951 Gladstone Avenue	-Love Printing Service Ltd
111 Breezehill Avenue North	-Address Not Listed
35 Laurel Street	-Address Not Listed
127 Loretta Avenue North	-Res (1 Tenant)
131 Loretta Avenue North	-Beacon Lite Ltd
145 Loretta Avenue North	-Chenevert Guy Ltd heating & air conditioning -National Grocers Co Ltd
175 Loretta Avenue North	-General Supply Co of Can Ltd

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 1970	
Site Listing:	-British American Bank Note Inc
Adjacent Properties:	

933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Performance Coatings Ottawa Ltd -Armstrong & Richards Ltd -Electrohome Ltd -Brisk Sanitation Ltd
951 Gladstone Avenue	-Love Printing Service Ltd
111 Breezehill Avenue North	-Address Not Listed
35 Laurel Street	-Address Not Listed
127 Loretta Avenue North	-North American Candy Co
131 Loretta Avenue North	-Beacon Lite Ltd -National Concrete Drilling & Rentals Co
145 Loretta Avenue North	-Chenevert Guy Ltd heating & air conditioning -National Grocers Co Ltd
175 Loretta Avenue North	-General Supply Co of Can Ltd

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 1965	
Site Listing:	-British American Bank Note Inc
Adjacent Properties:	
933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Gray-Harvey Co Ltd Hardware -Terry Burners Mfs & Whol
951 Gladstone Avenue	-Love Printing Service Ltd
111 Breezehill Avenue North	-Address Not Listed
35 Laurel Street	-Address Not Listed
127 Loretta Avenue North	-North American Candy Co

131 Loretta Avenue North	-Nesbitt Engineering Ltd
145 Loretta Avenue North	-Address Not Listed
175 Loretta Avenue North	-General Supply Co of Can Ltd Machinery

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 1960	
Site Listing:	-British American Bank Note Inc
Adjacent Properties:	
933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Gray-Harvey Co Ltd Hardware
951 Gladstone Avenue	-Address Not Listed
111 Breezehill Avenue North	-Address Not Listed

35 Laurel Street	-Address Not Listed
127 Loretta Avenue North	-North American Candy Co
131 Loretta Avenue North	-Hall Fuel Ltd
145 Loretta Avenue North	-Address Not Listed
175 Loretta Avenue North	-General Supply Co of Can Ltd Machinery

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 1955	
Site Listing:	-British American Bank Note Inc
Adjacent Properties:	
933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed

950 Gladstone Avenue	-Blackwell Lyle Ltd dry clng
951 Gladstone Avenue	-Address Not Listed
111 Breezehill Avenue North	-Address Not Listed
35 Laurel Street	-Address Not Listed
127 Loretta Avenue North	-Address Not Listed
131 Loretta Avenue North	-Address Not Listed
145 Loretta Avenue North	-Address Not Listed
175 Loretta Avenue North	-General Supply Co of Can Ltd Machinery

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 1950	
Site Listing:	-British American Bank Note Inc
Adjacent Properties:	

933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Blackwell Lyle Ltd dry clng
951 Gladstone Avenue	-Address Not Listed
111 Breezehill Avenue North	-Address Not Listed
35 Laurel Street	-Address Not Listed
127 Loretta Avenue North	-Address Not Listed
131 Loretta Avenue North	-Address Not Listed
145 Loretta Avenue North	-Address Not Listed
175 Loretta Avenue North	-General Supply Co of Can Ltd

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario

Year: 1945	
Site Listing:	-Address Not Listed
Adjacent Properties:	
933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Freiman A J warehouse
951 Gladstone Avenue	-Address Not Listed
111 Breezehill Avenue North	-Address Not Listed
35 Laurel Street	-Address Not Listed
127 Loretta Avenue North	-Address Not Listed
131 Loretta Avenue North	-Address Not Listed
145 Loretta Avenue North	-Address Not Listed
175 Loretta Avenue North	-Address Not Listed

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 1940	
Site Listing:	-Address Not Listed
Adjacent Properties:	
933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Vacant
951 Gladstone Avenue	-Address Not Listed
111 Breezehill Avenue North	-Address Not Listed
35 Laurel Street	-Address Not Listed
127 Loretta Avenue North	-Address Not Listed
131 Loretta Avenue North	-Address Not Listed

145 Loretta Avenue North	-Address Not Listed
175 Loretta Avenue North	-Address Not Listed

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 1934	
Site Listing:	-Address Not Listed
Adjacent Properties:	
933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Oliver Jas & Sons Ltd furniture mfrs
951 Gladstone Avenue	-Address Not Listed
111 Breezehill Avenue North	-Address Not Listed

35 Laurel Street	-Address Not Listed
127 Loretta Avenue North	-Address Not Listed
131 Loretta Avenue North	-Address Not Listed
145 Loretta Avenue North	-Address Not Listed
175 Loretta Avenue North	-Address Not Listed

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 1929	
Site Listing:	-Address Not Listed
Adjacent Properties:	
933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Oliver Jas & Sons Ltd furniture mfrs

951 Gladstone Avenue	-Address Not Listed
111 Breezehill Avenue North	-Address Not Listed
35 Laurel Street	-Address Not Listed
127 Loretta Avenue North	-Address Not Listed
131 Loretta Avenue North	-Address Not Listed
145 Loretta Avenue North	-Address Not Listed
175 Loretta Avenue North	-Address Not Listed

PROJECT NUMBER: 20190503044	
Site Address:	975 Gladstone Avenue, Ottawa, Ontario
Year: 1924	
Site Listing:	-Address Not Listed
Adjacent Properties:	

933 Gladstone Avenue	-Address Not Listed
935 Gladstone Avenue	-Address Not Listed
950 Gladstone Avenue	-Address Not Listed
951 Gladstone Avenue	-Address Not Listed
111 Breezehill Avenue North	-Address Not Listed
35 Laurel Street	-Address Not Listed
127 Loretta Avenue North	-Address Not Listed
131 Loretta Avenue North	-Address Not Listed
145 Loretta Avenue North	-Address Not Listed
175 Loretta Avenue North	-Address Not Listed

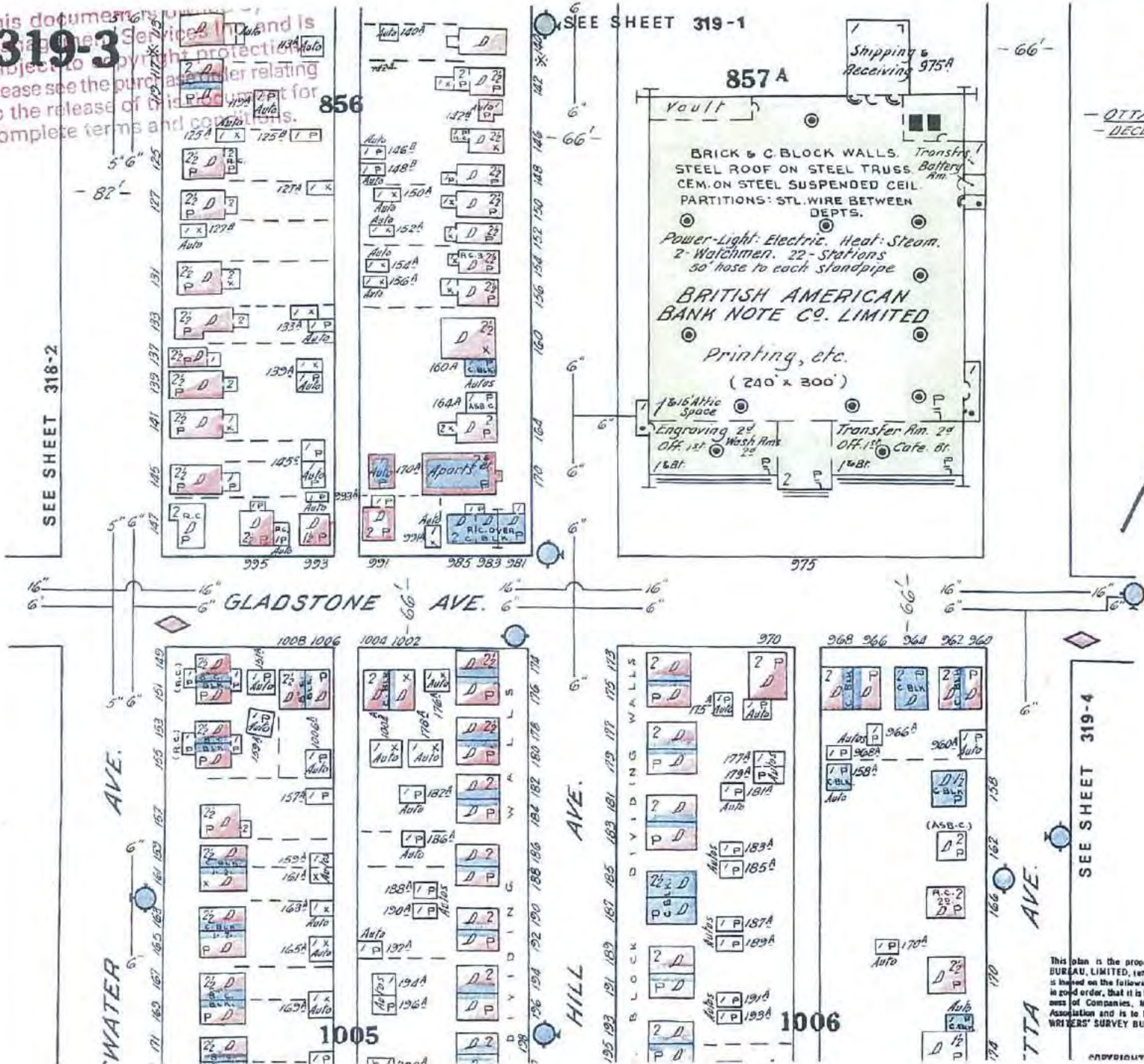
-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory.

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319-3

SEE SHEET 318-2



319-3

OTTAWA, VOL. 3
DECEMBER 1956

This plan is the property of the UNDERWRITERS' SURVEY BUREAU, LIMITED, (unauthorized reproduction prohibited) and is loaned on the following conditions: that it is to be used only in connection with business of Companies, Members of the Canadian Underwriters' Association and is to be returned on request to the UNDERWRITERS' SURVEY BUREAU, LIMITED, Toronto and Montreal.

PROBUDUJ REPRODUCED BY OTTAWA



File Number: D06-03-19-0063

June 3, 2019

BluMetric Environmental Inc.
Attn: Muriel Kim-Brisson
3108 Carp Road
Ottawa, Ontario
K0A 1L0

Sent via email [mkim@blumetric.ca]

Dear Ms. Kim-Risson,

**Re: Information Request
<<975 Gladstone Avenue>>, Ottawa, Ontario ("Subject Properties")**

Internal Department Circulation

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Properties:

- Disposals and Environmental Remediation: The City's Environmental Remediation Unit has environmental records on file pertaining to municipally owned properties. Please visit <https://ottawa.ca/en/city-hall/accountability-and-transparency/accountability-framework/freedom-information-and-protection-privacy/access-information> to submit requests for information under the Municipal Freedom of Information and Protection of Privacy Act.
- Sewer Use Program: The City's Sewer Use Program has information available on the subject property pertaining to special discharge agreements (2001-2017), recent environmental reports up to 2015, and violations of environmental statutes including spills.

Search of Historical Land Use Inventory

This acknowledges receipt of the signed Disclaimer regarding your request for information from the City's Historical Land Use Inventory (HLUI 2005) database for the Subject Properties.

A search of the HLUI database revealed the following information:

- There one activity associated with the Subject Properties: Activity Number 1185.

*Shaping our future together
Ensemble, formons notre avenir*

City of Ottawa
Planning, Infrastructure and Economic
Development Department

110 Laurier Avenue West, 4th Floor
Ottawa, ON K1P 1J1
Tel: (613) 580-2424 ext. 21690
Fax: (613) 560-6006
www.ottawa.ca

Ville d'Ottawa
Services de la planification, de l'infrastructure et
du développement économique

110, avenue Laurier Ouest, 4e étage
Ottawa (Ontario) K1P 1J1
Tél.: (613) 580-2424 ext. 21690
Télé.: (613) 560-6006
www.ottawa.ca

The HLUI database was also searched for activity associated with properties located within 50m of the Subject Properties. The search revealed the following:

- There are 40 activities associated with properties located within 50m of the Subject Property: Activity Numbers 10230, 434, 6552, 10258, 11147, 2140, 2828, 3853, 4504, 6533, 6583, 7035, 8408, 2098, 9741, 1456, 6287, 1559, 11060, 11978, 12228, 12493, 12878, 13100, 13758, 2512, 2695, 6619, 730, 8113, 8566, 9336, 9857, 1306, 1507, 1726, 4335, 6508, 8526, 10262

Please note that Activity Numbers 6533 and 13758 have a PIN Certainty of "2". This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the Subject Property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.

A site map has been included to show the location of the Subject Property as well as the location of all the activities noted above, including the HLUI database's location of the Activity Numbers with a PIN Certainty of "2".

Additional information may be obtained by contacting:

Ontario's Environmental Registry

The Environmental Registry found at <http://www.ebr.gov.on.ca/ERS-WEB-External/> 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 Properties. 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 Eric Steele at 613-580-2424 ext. 21690 or HLUI@ottawa.ca

Sincerely,



Eric Steele

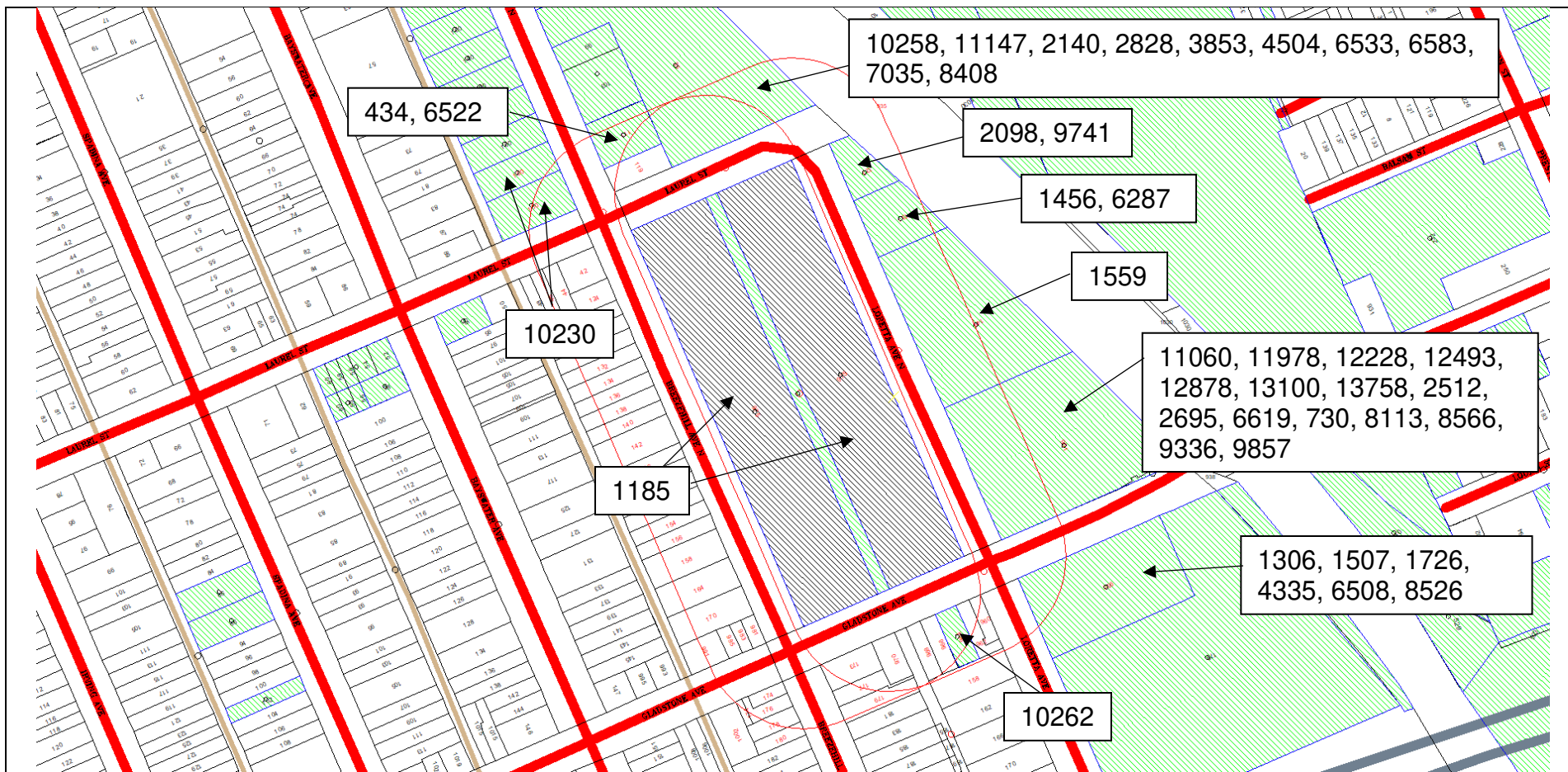
Per:

Michael Boughton, MCIP, RPP
Senior Planner
Development Review East
Planning Services
Planning, Infrastructure and Economic Development Department

MB / ES

Attach: 42

cc: File no. D06-03-19-0063



Scale 1: n/a

975 Gladstone
Ottawa, ON
File # D06-03-19-0063
Eric Steele



Overview

ID# = Activity Identification Number

 = Subject Site



CITY OF OTTAWA
HLUI ID: __679BXZ
AREA (Square Metres): 714.355

Report: RPTC_OT_DEV0122
Run On: 17 May 2019 at: 14:37:04

Study Year
2005

PIN
041070007

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 434 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :**
Related PINS: 041070007
Name: 907462 ONTARIO LIMITED
Address: 111 BREEZEHILL AVENUE NORTH, OTTAWA
Facility Type: Motor Vehicle Repair Shops
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Property Assessment

NAICS	SIC
811119	0
811111	0
811199	0
811112	0
811121	0

Company Name

907462 ONTARIO LIMITED

Year of Operation

c. 2005



CITY OF OTTAWA
HLUI ID: __679BXZ
AREA (Square Metres): 714.355

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:37:04

Study Year
2005

PIN
041070007

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 6522 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 041070007

Name: GRANDTECH AUTO

Address: 111 BREEZEHILL AVENUE NORTH,

Facility Type: Motor Vehicles, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
811111	0

Company Name

GRANDTECH AUTO

GRANDTECH AUTO

Year of Operation

c. 2005

c. 2001

**CITY OF OTTAWA**

HLUI ID: __679GTE

AREA (Square Metres): 8370.371

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:26:51

Study Year
1998PIN
041070009Multi-NAIC
YMultiple Activities
N

Activity ID: 1185 **Multiple PINS:** Y

PIN Certainty: 1 **Previous Activity ID(s) :** 1106

Related PINS: 041070009

Name: B A BANKNOTE

Address: 975 GLADSTONE AVENUE, OTTAWA

Facility Type: Commercial Printing Industries

Comments 1:

Comments 2:

Generator Number: ON0297401

Storage Tanks:

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1949, M.1950, M.1957, M.1958, M.1961, M.1964; S.1958, S.1961, S.1964, S.1965, S.1970/71; SC98;

HL References 2: FIP1912-118-875A, Vol2; FIP1922-118-857A, vol2; FIP1948-319-857; FIP1956-319-3-857A, Vol3; PID1994

HL References 3: 2000 PID

NAICS	SIC
323116	281
323120	282
323114	281
323115	281
323119	281
323114	0
323115	0
323119	0
812921	282

Company Name**Year of Operation**

Security Print	c. 1980
B A BANKNOTE	c. 2001
B A BANKNOTE	c. 2005
B A BANKNOTE	c. 2000
B A BANKNOTE	c. 2003
British American Bank Note Company Ltd.	c. 1948-1998



CITY OF OTTAWA
HLUI ID: __679F0N
AREA (Square Metres): 3238.126

Report: RPTC_OT_DEV0122
Run On: 17 May 2019 at: 14:45:52

Study Year
1998

PIN
041060148

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 1306 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 041060148

Name: ARTISTIC HOME RENOVATIONS
Address: 950 GLADSTONE AVENUE, OTTAWA
Facility Type: Residential Building and Development
Comments 1:
Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
236110	0

Company Name

ARTISTIC HOME RENOVATIONS

Year of Operation

c. 2001



CITY OF OTTAWA
HLUI ID: __679F0N
AREA (Square Metres): 3238.126

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:45:52

Study Year
1998

PIN
041060148

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 1507 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 041060148

Name: AUTO TRADER

Address: 950 GLADSTONE AVENUE,

Facility Type: Combined Publishing and Printing Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
511110	0

Company Name

AUTO TRADER

RENTERS NEWS

Year of Operation

c. 2005

c. 2001



CITY OF OTTAWA
HLUI ID: __679F0N
AREA (Square Metres): 3238.126

Report: RPTC_OT_DEV0122
Run On: 17 May 2019 at: 14:45:52

Study Year
1998

PIN
041060148

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 1726 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :**
Related PINS: 041060148
Name: BONSALL COMMUNICATIONS
Address: 950 GLADSTONE AVENUE, OTTAWA
Facility Type: Motion Picture Laboratories and Video Production Facilities
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2001 Employment Survey

NAICS **SIC**
512110 0

Company Name
BONSALL COMMUNICATIONS

Year of Operation
c. 2001



CITY OF OTTAWA
HLUI ID: __679F0N
AREA (Square Metres): 3238.126

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:45:52

Study Year
1998

PIN
041060148

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 4335 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :** 5061
Related PINS: 041060148
Name: DAVID BERMAN TYPOGRAPHICS LIMITED
Address: 950 GLADSTONE AVENUE, OTTAWA
Facility Type: Commercial Printing Industries
Comments 1: 3RD FLOOR
Comments 2:
Generator Number: ON0861503
Storage Tanks:
HL References 1: PID1994; SC98
HL References 2:
HL References 3: 2000 PID

NAICS	SIC
323114	0
812921	282
323115	281
323119	0
323114	281
323116	281
323119	281
323115	0
323120	282

Company Name

DAVID BERMAN TYPOGRAPHICS LIMITED
David Berman Typographics Ltd.
DAVID BERMAN TYPOGRAPHICS LIMITED

Year of Operation

c. 2003
c. 1994-1998
c. 2000



CITY OF OTTAWA
HLUI ID: __679F0N
AREA (Square Metres): 3238.126

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:45:52

Study Year
1998

PIN
041060148

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 6508 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :** 3772
Related PINS: 041060148
Name: JASON OLIVER & SONS LIMITED
Address: 950 GLADSTONE AVENUE, OTTAWA
Facility Type: Household Furniture Industries
Comments 1: Firm established in 1862 - also listed at 21 Oliver St. (closed)
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1950;Ottawa The Beautiful, 1907, Martin & Esdale, Ottawa
HL References 2:
HL References 3:

NAICS	SIC
337126	261
337123	261
337121	261

Company Name

Jason Oliver & Sons Ltd.

Year of Operation

c. 1910-1930

**CITY OF OTTAWA**

HLUI ID: __679F0N

AREA (Square Metres): 3238.126

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:45:52

Study Year
1998**PIN**
041060148**Multi-NAIC**
Y**Multiple Activities**
Y

Activity ID: 8526 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :** 4743

Related PINS: 041060148

Name: LYLE BLACKWELL LIMITED

Address: 952 GLADSTONE AVENUE, OTTAWA

Facility Type: Laundries and Cleaners

Comments 1: FIP1912, FIP1922 - vacant lot FIP1948 - no tank M. 1956, FIP1956 - lists Gray-Harvey Co. Ltd.,
wholesale hardware warehouses

Comments 2:

Generator Number:

Storage Tanks: 1 UST - gasoline

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M. 1948,M.1950, M.1956; FIP1901-121-839,vol2;
FIP1912-121-839A,vol2; FIP1922-121-839A,vol2; FIP1948-319-839A; FIP1956-319-4-839A

HL References 2:

HL References 3:

NAICS	SIC
812330	972
812310	972
561740	972
812320	972

Company Name

Lyle Blackwell Ltd.

Year of Operation

c. 1948-1950



CITY OF OTTAWA
HLUI ID: __679EER
AREA (Square Metres): 930.379

Report: RPTC_OT_DEV0122
Run On: 17 May 2019 at: 14:41:35

Study Year
1998

PIN
041070014

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 1456 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :**
Related PINS: 041070014
Name: BEACON LITE LIMITED
Address: 131 LORETTA AVENUE NORTH,
Facility Type: Sign and Display Industry
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS	SIC
532410	0
339950	0

Company Name	Year of Operation
BEACON LITE LIMITED	c. 2001
BEACON LITE LIMITED	c. 2005



CITY OF OTTAWA
HLUI ID: __679EER
AREA (Square Metres): 930.379

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:41:35

Study Year
1998

PIN
041070014

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 6287
PIN Certainty: 1
Related PINS: 041070014
Multiple PINS: N
Previous Activity ID(s) : 1557

Name: HALL FUEL LIMITED
Address: 131 LORETTA AVENUE, OTTAWA
Facility Type: Motor Vehicles, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks: 1 UST - gasoline

HL References 1: M.1948, M.1950, M.1955, M.1963; FIP1901,vol2; FIP1912-118-857,vol2; FIP1922-118-857A,I vol2; FIP1948-319-857; FIP1956-319-1-857,vol 3

HL References 2:

HL References 3:

NAICS	SIC
811112	635
412110	511
811119	635
419120	511
415190	551
415120	551
454310	511
415110	551
811310	551
811111	551
811121	635

Company Name

Hall Fuel Ltd.

Year of Operation

c. 1956-1960



CITY OF OTTAWA
HLUI ID: __679FFB
AREA (Square Metres): 4249.200

Report: RPTC_OT_DEV0122
Run On: 17 May 2019 at: 14:43:13

Study Year
1998

PIN
041070013

Multi-NAIC
Y

Multiple Activities
N

Activity ID: 1559 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :** 4392
Related PINS: 041070013
Name: BELL TELEPHONE CO. OF CANADA LIMITED
Address: 145 LORETTA AVENUE, OTTAWA
Facility Type: Motor Vehicles, Wholesale
Comments 1: FIP1912 - vacant lot FIP1948 - empty lot M. 1956, M. 1963 - no listing
Comments 2:
Generator Number:
Storage Tanks: 1 UST - gasoline
HL References 1: M.1948, M.1956, M.1963; FIP1901-Key,vol2; FIP1912-118-857,vol2; FIP1948-319-857; FIP1956-319-4-857
HL References 2:
HL References 3:

NAICS	SIC
334210	335
334511	335
415110	551
811310	551
447110	633
334410	335
415120	551
811111	551
811199	633
334220	335
415190	551
447190	633

Company Name

Bell Telephone Co. of Canada Ltd.

Year of Operation

c. 1956



CITY OF OTTAWA
HLUI ID: __679EKF
AREA (Square Metres): 532.859

Report: RPTC_OT_DEV0122
Run On: 17 May 2019 at: 14:40:00

Study Year
1998

PIN
041070015

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 2098 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :**
Related PINS: 041070015
Name: BUCHANAN LIGHTING
Address: 129 LORETTA AVENUE NORTH,
Facility Type: Electrical and Electronic Machinery, Equipment and Supplies, Wholesale
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS **SIC**
416110 0

Company Name
BUCHANAN LIGHTING

Year of Operation
c. 2005



CITY OF OTTAWA
HLUI ID: __679EKF
AREA (Square Metres): 532.859

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:40:00

Study Year
1998

PIN
041070015

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 9741 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :** 1694
Related PINS: 041070015
Name: NORTH AMERICAN CANDY CO. LIMITED
Address: 127 LORETTA STREET NORTH, OTTAWA
Facility Type: Sugar and Sugar Confectionery Industries
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: M.1948, M.1963, M.1970, M.1971, S.1970/71; FIP1901,vol2; FIP1912-118-857,vol2; FIP1922-118-857A,vol2;
FIP1948-319-857; FIP1956-319-1-857,vol 3
HL References 2:
HL References 3:

NAICS	SIC
311340	108
311320	108
311310	108
311330	108

Company Name

North American Candy Co. Ltd.

Year of Operation

c. 1970-1971

**CITY OF OTTAWA**

HLUI ID: __679A24

AREA (Square Metres): 816.128

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:33:09

Study Year
2005**PIN**
040990351**Multi-NAIC**
N**Multiple Activities**
N

Activity ID: 10230 **Multiple PINS:** Y

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 040990351

Name: OTTAWA-CARLETON DISTRICT SCHOOL BOARD -DEVONSHIRE SCHOOL

Address: 100 BREEZEHILL AVENUE, OTTAWA

Facility Type: Elementary and Secondary Education

Comments 1:

Comments 2:

Generator Number: ON0375224

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2000 PID

NAICS	SIC
611110	0

Company Name	Year of Operation
OTTAWA-CARLETON DISTRICT SCHOOL BOARD -DEVONSHIRE SCHOOL	c. 2005
OTTAWA-CARLETON DISTRICT SCHOOL BOARD -DEVONSHIRE SCHOOL	c. 2003
OTTAWA-CARLETON DISTRICT SCHOOL BOARD -DEVONSHIRE SCHOOL	c. 2000



CITY OF OTTAWA
HLUI ID: __670HF8
AREA (Square Metres): 6175.133

Report: RPTC_OT_DEV0122
Run On: 17 May 2019 at: 14:38:32

Study Year
1998

PIN
041070004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 10258 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :**
Related PINS: 041070004
Name: PAN FILMS
Address: 75 BREEZEHILL AVENUE, OTTAWA
Facility Type: Motion Picture Laboratories and Video Production Facilities
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2001 Employment Survey

NAICS **SIC**
512110 0

Company Name **Year of Operation**
PAN FILMS c. 2001



CITY OF OTTAWA
HLUI ID: __670HF8
AREA (Square Metres): 6175.133

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:38:32

Study Year
1998

PIN
041070004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 11147 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :**
Related PINS: 041070004
Name: PROFESSIONAL FIRE PROTECTION
Address: 75 BREEZEHILL AVENUE NORTH,
Facility Type: Electrical and Electronic Machinery, Equipment and Supplies, Wholesale
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS **SIC**
416110 0

Company Name **Year of Operation**
PROFESSIONAL FIRE PROTECTION c. 2005



CITY OF OTTAWA
HLUI ID: __670HF8
AREA (Square Metres): 6175.133

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:38:32

Study Year
1998

PIN
041070004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 2140 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 041070004

Name: BREEZEHILL HEATING LIMITED
Address: 75 BREEZEHILL AVENUE NORTH,
Facility Type: Heating Equipment Industry

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
333416	0
416210	0

Company Name

BREEZEHILL HEATING LIMITED
BREEZEHILL HEATING LIMITED

Year of Operation

c. 2001
c. 2005



CITY OF OTTAWA
HLUI ID: __670HF8
AREA (Square Metres): 6175.133

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:38:32

Study Year
1998

PIN
041070004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 2828 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 041070004

Name: CARQUEST OF OTTAWA CENTRE

Address: 35 LAUREL STREET, OTTAWA

Facility Type: Machine Shop Industry

Comments 1: UNIT A

Comments 2:

Generator Number: ON2231902

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2003 PID

NAICS **SIC**

336350 0

Company Name

CARQUEST OF OTTAWA CENTRE

Year of Operation

c. 2003



CITY OF OTTAWA
HLUI ID: __670HF8
AREA (Square Metres): 6175.133

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:38:32

Study Year
1998

PIN
041070004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 3853 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 041070004

Name: CROLLA CONSTRUCTION CORPORATION

Address: 35 LAUREL STREET, OTTAWA

Facility Type: Non Residential Building and Development

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS **SIC**

236210 0

236220 0

Company Name

CROLLA CONSTRUCTION CORPORATION

Year of Operation

c. 2001



CITY OF OTTAWA
HLUI ID: __670HF8
AREA (Square Metres): 6175.133

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:38:32

Study Year
1998

PIN
041070004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 4504 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 041070004

Name: EMERITUS ENGRAVING

Address: 75 BREEZEHILL AVENUE, OTTAWA

Facility Type: Recreational Vehicle Dealers (where servicing is present)

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
811490	0

Company Name

EMERITUS ENGRAVING

Year of Operation

c. 2001



CITY OF OTTAWA
HLUI ID: __670HF8
AREA (Square Metres): 6175.133

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:38:32

Study Year
1998

PIN
041070004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 6533 **Multiple PINS:** Y
PIN Certainty: 2 **Previous Activity ID(s) :** 659
Related PINS: 041070004
Name: GRANT TRADING-COAL AND WOOD
Address: 75 BREEZEHILL AVENUE, OTTAWA
Facility Type: Lumber and Building Materials, Wholesale
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1950
HL References 2:
HL References 3:

NAICS	SIC
444190	563
444110	563
444120	563
454310	511
419120	511
416310	563
416340	563
412110	511
416320	563

Company Name

Grant Trading-Coal and Wood

Year of Operation

c. 1940



CITY OF OTTAWA
HLUI ID: __670HF8
AREA (Square Metres): 6175.133

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:38:32

Study Year
1998

PIN
041070004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 6583 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 041070004

Name: HEADLIGHT INC.

Address: 75 BREEZEHILL AVENUE, OTTAWA

Facility Type: Photographers

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
541920	0

Company Name

HEADLIGHT INC.

Year of Operation

c. 2001



CITY OF OTTAWA
HLUI ID: __670HF8
AREA (Square Metres): 6175.133

Report: RPTC_OT_DEV0122
Run On: 17 May 2019 at: 14:38:32

Study Year
1998

PIN
041070004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 7035 Multiple PINS: N
PIN Certainty: 1 Previous Activity ID(s) :
Related PINS: 041070004
Name: IDS INTL DUPLICATION SVC
Address: 35 LAUREL STREET,
Facility Type: Other Manufactured Products Industries
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS SIC
334610 0

Company Name

IDS INTL DUPLICATION SVC

Year of Operation

c. 2005



CITY OF OTTAWA
HLUI ID: __670HF8
AREA (Square Metres): 6175.133

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:38:32

Study Year
1998

PIN
041070004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 8408 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 041070004

Name: LEBRUN BUILDING SERVICES

Address: 75 BREEZEHILL AVENUE NORTH, OTTAWA

Facility Type: Services to Buildings and Dwellings

Comments 1: UNIT G

Comments 2:

Generator Number: ON1423690

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2003 PID

NAICS **SIC**

236110 0

561799 0

Company Name

Year of Operation

LEBRUN BUILDING SERVICES

c. 2005

LEBRUN BUILDING SERVICES

c. 2001

LEBRUN BUILDING SERVICES

c. 2003



CITY OF OTTAWA
HLUI ID: __6790WS
AREA (Square Metres): 310.994

Report: RPTC_OT_DEV0122
Run On: 17 May 2019 at: 14:47:04

Study Year
2005

PIN
041060074

Multi-NAIC
N

Multiple Activities
N

Activity ID: 10262 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 041060074

Name: PANTUSA TILE & MARBLE
Address: 964 GLADSTONE AVENUE, OTTAWA

Facility Type: Interior and Finishing Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
238340	0

Company Name

PANTUSA TILE & MARBLE

Year of Operation

c. 2001



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122
Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 11060 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :** 3456
Related PINS: 041070012
Name: POPULAR PRINTING
Address: 155 LORETTA AVENUE NORTH, OTTAWA
Facility Type: Other Chemical Products Industries
Comments 1: Unit B
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: M.1960, M.1970, M.1980
HL References 2:
HL References 3:

NAICS	SIC
323114	281
323119	281
323116	281
325520	379
325920	379
323115	281
325910	379

Company Name	Year of Operation
Canada Printing Ink	c. 1970
Popular Printing	c. 1980



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 11978 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :** 3453
Related PINS: 041070012
Name: REGIONAL TEXTILES
Address: 155 LORETTA AVENUE NORTH, OTTAWA
Facility Type: Other Textile Products Industries
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: M.1960, M.1970, M.1980
HL References 2:
HL References 3:

NAICS	SIC
313320	199
325620	199
313220	199
315990	199
322291	199

Company Name

Regional Textiles

Year of Operation

c. 1980



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 12228 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 041070012

Name: SILKWEAR

Address: 951 GLADSTONE AVENUE, OTTAWA

Facility Type: Children's Clothing Industry

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
315231	0

Company Name

SILKWEAR

Year of Operation

c. 2001



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 12493 Multiple PINS: N
PIN Certainty: 1 Previous Activity ID(s) : 888, 1686
Related PINS: 041070012
Name: STANDARD BREAD DIVISION OF INTER CITY BAKING COMPANY LIMITED
Address: 155 LORETTA AVENUE, OTTAWA
Facility Type: Bakery Products Industries
Comments 1:
Comments 2:
Generator Number:
Storage Tanks: 1 UST - fuel oil (1948)
HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1948, M.1950, M.1956, M.1958, M.1961, M.1964, S.1958, S.1961, S.1964, S.1965; FIP1901-Key,vol2; FIP1912-188-857,vol2; FIP1948-319-857; FIP1956-319-4-857
HL References 2:
HL References 3:

NAICS	SIC
311821	107
311830	107
311814	107

Company Name	Year of Operation
Standard Bread (Division of Inter City Baking Co. Ltd.)	c. 1930-1961
Standard Bread Division of Inter City Baking Company Ltd.	c. 1961-65



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 12878 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 041070012

Name: SHOP

Address: 949 GLADSTONE AVENUE,

Facility Type: Interior and Finishing Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS **SIC**

238350 0

238130 0

Company Name

SHOP

Year of Operation

c. 2005



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 13100 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 041070012

Name: SPORTIVE SPORTSWEAR

Address: 155 LORETTA AVENUE, OTTAWA

Facility Type: Men's and Boys' Clothing Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
315299	0

Company Name

SPORTIVE SPORTSWEAR

Year of Operation

c. 2001



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 13758 **Multiple PINS:** N
PIN Certainty: 2 **Previous Activity ID(s) :** 5060
Related PINS: 041070012
Name: VESUVIO IRON WORKS
Address: 949 GLADSTONE AVENUE, OTTAWA
Facility Type: Iron Foundries
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: SC98
HL References 2:
HL References 3:

NAICS	SIC
331511	294
332810	294

Company Name

Vesuvio Iron Works

Year of Operation

c. 1998



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 2512 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 041070012

Name: C CHAMPAGNE CARTAGE &

Address: 155 LORETTA AVENUE,

Facility Type: Exterior Close In Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS **SIC**

238310 0

Company Name

C CHAMPAGNE CARTAGE &

Year of Operation

c. 2001



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 2695 Multiple PINS: N
PIN Certainty: 1 Previous Activity ID(s) :
Related PINS: 041070012
Name: CINE METU
Address: 953 GLADSTONE AVENUE,
Facility Type: Motion Picture Laboratories and Video Production Facilities
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS SIC
512110 0

Company Name Year of Operation
CINE METU c. 2005



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 6619 Multiple PINS: N
PIN Certainty: 1 Previous Activity ID(s) : 4256
Related PINS: 041070012
Name: HOCO BRANDS LIMITED
Address: 155 LORETTA AVENUE NORTH, OTTAWA
Facility Type: Sugar and Sugar Confectionery Industries
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: SC98
HL References 2:
HL References 3:

NAICS	SIC
311310	108
311340	108
311320	108
311330	108

Company Name

Hoco Brands Ltd.

Year of Operation

c. 1998



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 730 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :**
Related PINS: 041070012
Name: BEN GENERAL CONSTRUCTION & SNOW PLOWING LIMITED
Address: 155 LORETTA AVENUE, OTTAWA
Facility Type: Non Residential Building and Development
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2001 Employment Survey

NAICS	SIC
236220	0
236210	0

Company Name	Year of Operation
BEN GENERAL CONSTRUCTION & SNOW PLOWING LIMITED	c. 2001



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 8113 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :** 1661
Related PINS: 041070012
Name: LAWCOM MANUFACTURING LIMITED
Address: 155 LORETTA AVENUE, OTTAWA
Facility Type: Electric Lighting Industries
Comments 1: Products include- Custom consoles, desks, test rigs etc. (aluminum), illuminated survey lights, special cases
Comments 2: Unit B
Generator Number:
Storage Tanks:
HL References 1: S.1970/71, M.1970, M.1971
HL References 2:
HL References 3:

NAICS	SIC
335110	333
332321	303
332329	303
334290	333
327215	303

Company Name

Lawcom Manufacturing Ltd.

Year of Operation

c. 1970-1971



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 8566 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :** 2739
Related PINS: 041070012
Name: LOVE PRINTING SERVICE LIMITED
Address: 951 GLADSTONE AVENUE, OTTAWA
Facility Type: Combined Publishing and Printing Industries
Comments 1: Love Printing Service Ltd. -out of business in 1994 GEN# = ON0607900
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: M.1960, M.1970, M.1971, M.1980; S.1970/71; PID1994
HL References 2:
HL References 3:

NAICS	SIC
511110	284
323119	281
511130	284
323116	281
323114	281
512230	284
323115	281
511120	284

Company Name

Love Printing Service Ltd.

Year of Operation

c. 1970-1994



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 9336 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 041070012

Name: NORTHERN ART GLASS

Address: 955 GLADSTONE AVENUE,

Facility Type: Lumber and Building Materials, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
444120	0

Company Name

NORTHERN ART GLASS

Year of Operation

c. 2005



CITY OF OTTAWA
HLUI ID: __679GMU
AREA (Square Metres): 5816.644

Report: RPTC_OT_DEV0122

Run On: 17 May 2019 at: 14:44:31

Study Year
1998

PIN
041070012

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 9857 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :** 5059
Related PINS: 041070012
Name: ORVILLE'S ELECTRIC SERVICE
Address: 949 GLADSTONE AVENUE, OTTAWA
Facility Type: Electrical and Electronic Machinery, Equipment and Supplies, Wholesale
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: SC98
HL References 2:
HL References 3: 2001 Employment Survey

NAICS	SIC
811112	635
811119	635
811121	635
811210	0

Company Name	Year of Operation
Orville's Electric Service	c. 1998
ORVILLE'S ELECTRIC SERVICE	c. 2001

10.3 SITE PHOTOGRAPHS

This appendix includes:

- Site photographs taken during the site visit;
- Aerial photographs of the Phase One Property.





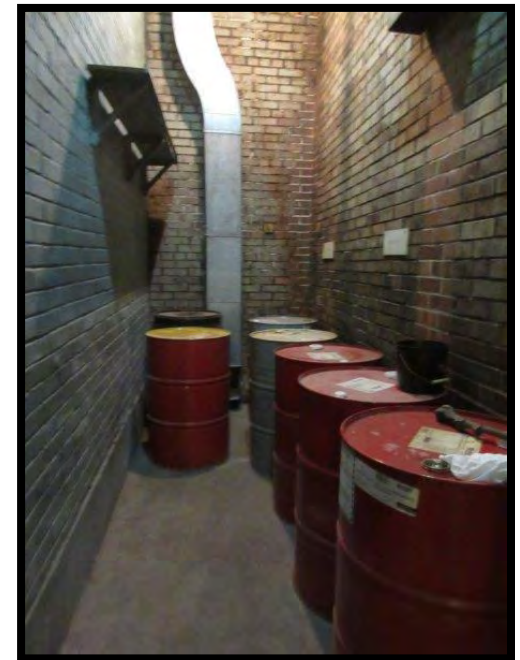
Looking northeast at the southern portion of the Phase One Property, as seen from southwestern corner of the Phase One Property.



Looking southwest at the northern portion of the Phase One Property, as seen from Loretta Avenue North in the northeastern portion of the Phase One Study Area.



Left: Storage room in the northeastern portion of the CBN building.



Right: Storage of antifreeze, hazardous wastes in the northeastern portion of the CBN building.



Left: Kitchen area of the electrician shop in the southeastern portion of the CBN building. The shop was formerly a lab with a fume hood (remnants of the fume hood can be seen in the ceiling).



Right: Former upper floor building entrance at the southeast end of the CBN building.



Looking south along Loretta Avenue North, as seen from the eastern boundary of the Phase One Property. The CBN building is located on the right side of the photo. The rectangular, concrete pad previously supported a small shed forming part of the former dual phase extraction remediation system.



Looking southeast at the southeastern portion of the Phase One Study Area, as seen from just outside the southeastern corner of the Phase One Property.



Looking south at the southern portion of the Phase One Study Area, as seen from the intersection of Gladstone Avenue and Breezehill Avenue.



Looking west at the southwestern portion of the Phase One Study Area, as seen from the intersection of Gladstone Avenue and Breezehill Avenue.



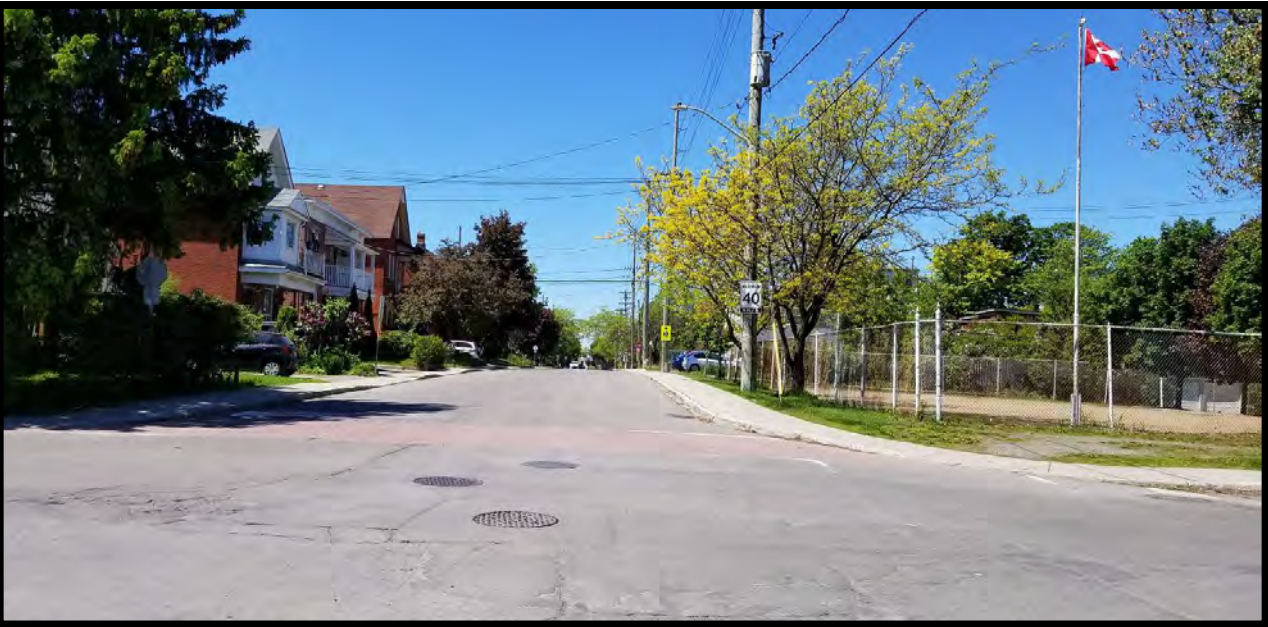
Looking north along Breezehill Avenue, as seen from the intersection of Gladstone Avenue and Breezehill Avenue. The Phase One Property is located on the right side of the photo.



Looking southeast along Loretta Avenue North at the eastern portion of the Phase One Study Area, as seen from just outside the northeastern boundary of the Phase One Property.



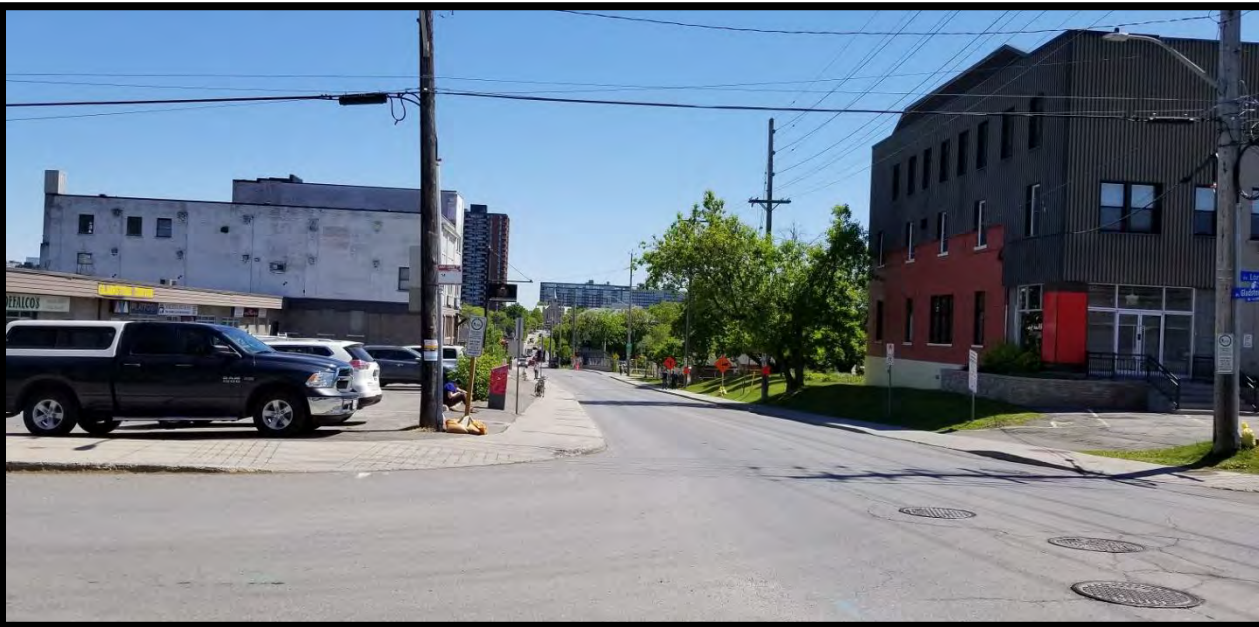
Looking northeast at the eastern portion of the Phase One Study Area, as seen from Loretta Avenue North near the southeastern corner of the Phase One Property.



Looking west at the western portion of the Phase One Study Area, as seen from the intersection of Breezehill Avenue and Laurel Street.



Looking northeast at the northeastern portion of the Phase One Study Area, as seen from Laurel Street near the middle of the Phase One Property's northern boundary.

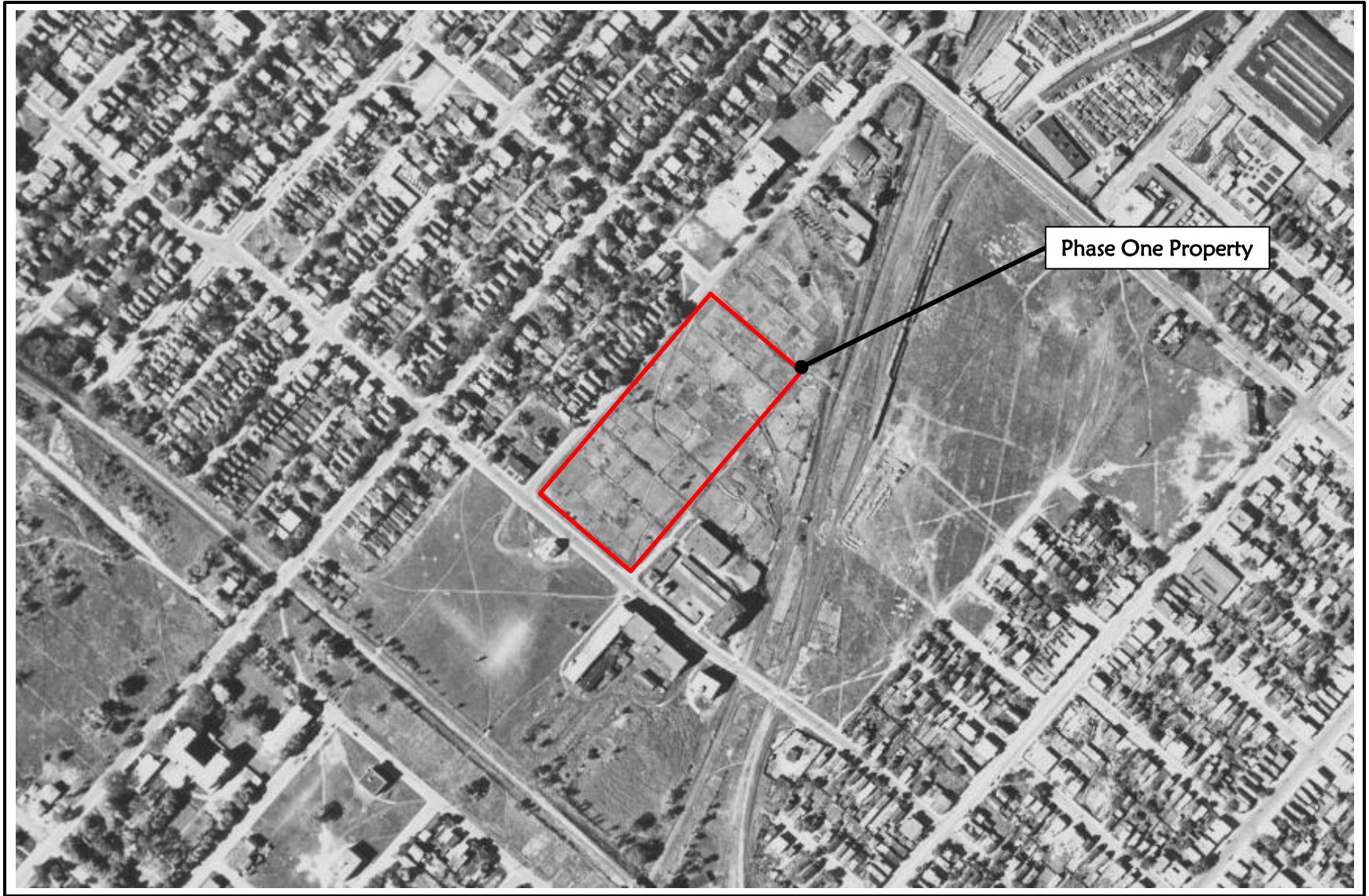


Looking east at the southeastern portion of the Phase One Study Area, as seen from the intersection of Gladstone Avenue and Loretta Avenue North.



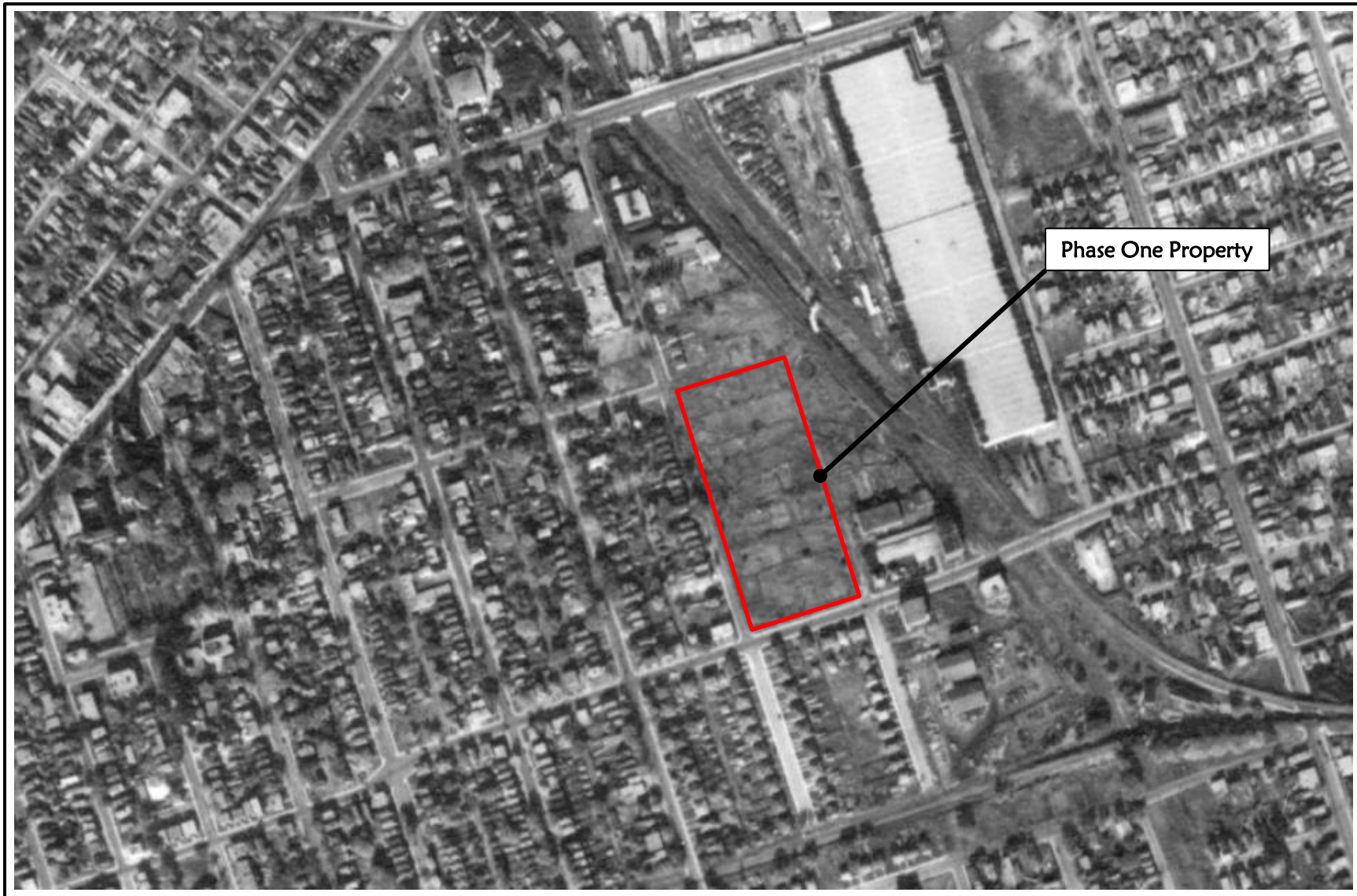
Historical Aerial Photography of the Phase One Property
975 Gladstone Avenue, Ottawa, Ontario
1928





Historical Aerial Photography of the Phase One Property
975 Gladstone Avenue, Ottawa, Ontario
1938





Historical Aerial Photography of the Phase One Property
975 Gladstone Avenue, Ottawa, Ontario
1945





Historical Aerial Photography of the Phase One Property
975 Gladstone Avenue, Ottawa, Ontario
1958





Historical Aerial Photography of the Phase One Property
975 Gladstone Avenue, Ottawa, Ontario
1965





Historical Aerial Photography of the Phase One Property
975 Gladstone Avenue, Ottawa, Ontario
1976





Historical Aerial Photography of the Phase One Property
975 Gladstone Avenue, Ottawa, Ontario
1983





Historical Aerial Photography of the Phase One Property
975 Gladstone Avenue, Ottawa, Ontario
1991





Historical Aerial Photography of the Phase One Property
975 Gladstone Avenue, Ottawa, Ontario
1999





Historical Aerial Photography of the Phase One Property
975 Gladstone Avenue, Ottawa, Ontario
2007





Historical Aerial Photography of the Phase One Property
975 Gladstone Avenue, Ottawa, Ontario
2015



10.4 ASSESSOR CREDENTIALS

This appendix includes the curriculum vitae for:

- Robert Hillier, P.Geo.
- Muriel Kim-Brisson, M.Sc.
- Jessica Petrocco, M. Eng., P. Eng.



EDUCATION

- B.Sc., Earth Sciences, University of Waterloo, 1986

YEARS OF EXPERIENCE

- 33 years of experience
- 32 years with BluMetric

EMPLOYMENT HISTORY

- 1987 – Present: BluMetric, Senior Hydrogeologist
- 1986 – 1987: University of Waterloo, Institute for Groundwater Research, Research Assistant and Field Technician

PROFESSIONAL AFFILIATIONS

- Association of Professional Geoscientists of Ontario
- National Ground Water Association
- International Association of Hydrogeologists

TRAINING

- First Aid/CPR
- 8 Hour Hazwoper Refresher, 2011
- Understanding Environmental Regulations, EPIC, November 2008
- Cleanup of Contaminated Sites, Guideline Best Practices & Pitfalls to Avoid, MOE, May 2000
- Understanding Migration, Assessment and Remediation of Non-Aqueous Phase Liquids, National Groundwater Association, 1992
- 40 Hour Hazwoper, National Water Well Association, 1989
- Organic Contaminants In Groundwater, The Waterloo Centre for Groundwater Research, 1988

LANGUAGES

- English

ROLE

- Senior Hydrogeologist
- Project Geologist
- Project Manager

EXPERTISE

- Environmental Site Assessment
- Soil and Groundwater Remediation
- Water Supply Assessment
- Solid Waste Management

PROFESSIONAL PROFILE

Mr. Hillier's broad range of project experience in the fields of groundwater supply, contaminant hydrogeology, site remediation and environmental site assessment, permit him to provide a practical and common sense approach to addressing environmental related issues. He is well-versed with current provincial and federal environmental guidelines, standards and regulations. Mr. Hillier has managed and carried out numerous industrial/commercial/residential property environmental impact/compliance assessments, rural land development on private servicing assessments, water supply hydrogeological studies, Safe Drinking Water Act, 2002 (as amended) assessments, solid waste landfill leachate characterization and monitoring studies. He has also managed and conducted environmental site assessment projects in Nunavut, the United Kingdom and the Caribbean.

Mr. Hillier is a Qualified Person (QP) as per Ontario Regulation 153/04 for Phase I and II Environmental Site Assessments in support of filing for a Record of Site Condition. Mr. Hillier provides Senior Review and is the Competent Environmental Practitioner (CEP) for surface water and groundwater reporting to the MOE for assessment and monitoring of waste disposal sites. Mr. Hillier is currently serving as both Project Manager and Client Manager on Standing Offers with Infrastructure Ontario and the City of Ottawa.



REPRESENTATIVE EXPERIENCE

Project Management

Mr. Hillier manages projects in accordance with the procedures of BluMetric's Quality Management System and is responsible for schedule, budget and resource allocations for the project to ensure the client's needs are met. Mr. Hillier appreciates that each project is unique and that project requirements sometimes change during implementation, and dedicates time and effort to project management to ensure that objectives continue to be effectively and efficiently met.

Mr. Hillier has successfully managed projects ranging from small scale to multi-year million dollar ventures. He is skilled at managing projects involving solid waste management, contaminant hydrogeology, environmental site assessments and remediation, and water supply. He ensures the project teams are comprised of the appropriately skilled personnel to produce a high quality product in a timely manner. He is skilled in project control (task implementation, scheduling, budget control, personnel management, etc.), communication with stakeholders, project risk management, and issues resolution. Mr. Hillier is adept at working with regulators and has an in-depth understanding of the regulatory process allowing him to meet the client's objectives in a quick and efficient manner. A representative list of Mr. Hillier's clients includes:

- City of Ottawa Environmental Remediation Unit: 2006-Ongoing
- Mac's Convenience Stores: 2002-Ongoing
- Port of Johnstown: 1999-Ongoing
- Canadian Bank Note Company Limited: 1995-Ongoing
- Infrastructure Ontario: 2011-2017
- International Paper: 1995-2013
- Canadian Pacific Railway: 1996-2001

Environmental Site Assessment and Hydrogeological Investigations

Mr. Hillier has conducted groundwater plume definition and environmental impact studies for numerous domestic, commercial and industrial properties. He has investigated and characterized soil and groundwater conditions in the vicinity of above ground and underground storage tanks containing both petroleum products and chlorinated organic solvents. He has provided project management and technical expertise for numerous domestic, commercial and industrial properties, from project planning, to groundwater plume definition, through to implementation of remedial measures and/or contaminant management plans. Mr. Hillier has also provided peer review expertise for various clients ensuring their environmental concerns are adequately addressed when ESA and/or remediation projects have been carried out by adjacent landowners or other stakeholders. Mr. Hillier is a Qualified Person per Ontario Regulation 153/04. He has conducted numerous Phase I and Phase II ESAs for residential/industrial/commercial properties on behalf of DND, DCC, PWGSC, Infrastructure Ontario, City of Ottawa, private industry, insurance companies and banks.



Mr. Hillier has conducted groundwater plume definition and environmental impact studies for numerous domestic, commercial and industrial properties. He has investigated and characterized soil and groundwater conditions in the vicinity of underground petroleum and solvent storage tanks. With respect to contaminant hydrogeology, his project management and technical involvement has included project planning, monitoring and purge well design and construction, water quality sampling, data analysis, remedial alternatives assessment and implementation of remedial measures. Select projects include:

- Road Salt Impact Delineation for Various Patrol Yards and a Large Storage Facility: Port of Prescott (1987-Ongoing); City of Ottawa (2007-Ongoing).
- City of Ottawa. Phase I/II ESAs, Soil and Groundwater Remediation at More Than 12 Sites, Including Ongoing Monitoring at Some Sites, Ottawa ON. Client Manager and Project Manager. Responsible for resource allocation (including subcontractors), scheduling, budget and overall QA/QC of all reports. Projects have included Phased ESAs for existing and former Municipal maintenance garage/yards (Ballantyne Building, Greely Yard, Huntley Yard, Torbolton Yard). Developed work specifications and Remediation Oversight for a \$200,000 subsurface remediation program for the Ballantyne Building. Duties have required liaising with regulators, municipal departments and private stakeholders (2006-Ongoing).
- Mac's Convenience Stores. Phase II ESAs, Soil and Groundwater Remediation at Multiple Retail Fuel Stations, Various Sites Eastern ON (2002-Ongoing).
- Infrastructure Ontario. MNRF Pembroke Works Yard Limited Phase II ESA (June 2012), Remediation Planning and Oversight (2012-2013) and Long-Term Monitoring (2013-2016), Pembroke ON. Contaminant of concern was petroleum hydrocarbons. Project Lead. Responsible for client communication, budget control, invoicing, technical support and report review (May 2013-March 2017). This project included development of a remedial action plan and remedial specifications (NMS format), remediation oversight and follow-up environmental monitoring and reporting. BluMetric Contract Value (All Phases) \$250,000. Remediation Contract Value \$700,000.
- Infrastructure Ontario. Phase I, II ESA and Hydrogeology Study for a Site Near Cameron Avenue and Spence Road, Hawkesbury ON. Project Manager and Senior Hydrogeologist. Client contact and responsible for resource allocation (including subcontractors), scheduling, budget and overall QA/QC of all reports, senior technical advice and technical direction of the project. The Phase I and II ESAs were completed in general accordance with O.Reg. 153/04 (May 2015-December 2016). Contract Value \$65,000.
- Infrastructure Ontario. Phase I ESA for Site #43 Providence Continuing Care Centre (Kingston Psychiatric), Kingston ON. Project Manager. Responsible for resource allocation, subcontractor oversight and direction, scheduling, budget and overall QA/QC of reports. The ESA was completed in general accordance with O.Reg. 153/04 and also included comments on designated substances at the site. The project was completed on-time and on-budget (January-March 2016). Contract Value \$29,300.
- Infrastructure Ontario. Phase I ESA and Category B EA for the Perth Jail Property, Perth ON. Project Manager and Client Contact. Responsible for resource allocation (including subcontractors), scheduling, budget and overall QA/QC of all reports. This project was completed in support of the proposed severance and disposition of the subject property (August 2015-January 2016). Contract Value \$16,500.
- Infrastructure Ontario. Hazardous Materials and Designated Substances Survey (HMDSS), Phase II ESAs and Limited Category B Class EAs at Moose Lake, Round Lake and Machesney Lake Junior Ranger Camps ON. Project Manager. Client contact and responsible for resource allocation (including



subcontractors), scheduling, budget and overall QA/QC of all reports. Project included HMDSS of 10 to 15 buildings at each of the three sites as per Ontario regulations. Phase Two ESAs were completed in general accordance with O. Reg. 153/04 (November 2014-January 2015). Total Contract Value \$125,000.

- Infrastructure Ontario. Brockville Psychiatric Hospital Phase I and II ESA and Risk Management, Brockville ON. Project Lead. Responsible for client communications, budget control, invoicing, technical support and report review. A 'Risk Opinion' was developed for IO to assess the risks posed by fill materials containing PAHs and metals exceeding O. Reg. 153/04 Site Condition Standards (May 2013-March 2014). Contract Value \$125,000.
- Infrastructure Ontario. Sir James Whitney School for the Deaf Phase I and II ESA, Belleville ON. Project Manager and Senior Hydrogeologist. Client contact and responsible for resource allocation (including subcontractors), scheduling, budget and overall QA/QC of all reports, senior technical advice and technical direction. The Phase I and II ESAs were performed completed in general accordance with O.Reg. 153/04 (December 2011-December 2012). Contract Value \$115,000.
- Infrastructure Ontario. Phase I and II ESA and Hydrogeology Study for 440 Kent Street West Kawartha Lake, Lindsay ON. Project Manager and Senior Hydrogeologist. Client contact and responsible for resource allocation (including subcontractors), scheduling, budget and overall QA/QC of all reports, senior technical advice and technical direction. The Phase I and II ESAs were performed completed in general accordance with O.Reg. 153/04 (December 2011-December 2012). Contract Value \$95,000.
- Indigenous and Northern Affairs Canada, Various Sites NU and NT. Senior Technical Reviewer of various Phase I ESA and Phase II ESAs. Responsibilities included senior oversight/review of project deliverables (2009-2011).
- CP Railway, Ottawa ON. Petroleum hydrocarbon impacts from former bulk fuels storage facility adjacent to rail lands ultimately leased for use with Ottawa 'O' Train (1998-2002).
- Senior technical advisor for the environmental impact assessment and remediation of an arctic diesel spill at the Nanisivik Airport (2001).
- First Air, Arctic Bay NU. Completed an environmental site assessment on behalf of First Air for newly acquired lands and storage facilities located at the Nanisivik Airport near Arctic Bay and for a property located within the community of Nanisivik (1998).
- Amoco, Hawkesbury Ontario. Project hydrogeologist for subsurface chlorinated solvent impact delineation and assessment for large textile facility (1988-1992).

Remediation

Mr. Hillier has extensive soil and groundwater remediation experience using various conventional and innovative remediation technologies. Remedial action plans were produced and successfully implemented for various sites that included reporting to the MOECC and/or TSSA and/or reporting to municipalities and/or other consulting firms acting on behalf of other stakeholders. His wide range of project experience has proven valuable in identifying remediation strategies that best meet the ultimate goals, strategies, and economic resources/limitations of specific clients and/or situations. For those projects with an impact to the public, significant effort has been given to address the specific concerns of those individuals most affected by a remedial strategy. Select projects include:

- Multiple similar projects for the following insurers: AVIVA Insurance, the Co-operators, Pilot Insurance. Project Manager for domestic or commercial heating oil spills (losses ranging from 50-1500 litres). Remediation has included a combination of excavation and off-site disposal (landfill), product



recovery through strategic pumping from temporary wells and in situ chemical oxidation (1995-Ongoing). Contract Values \$3,000 to \$75,000.

- Hydro Ottawa. Senior advisor and Qualified Person on >100 remediation projects relating to mineral insulation oil losses from residential/commercial transformers and transformer substations (2003 to 2014). Contract Values \$2,500 to \$40,000.
- Canadian Bank Note Company Limited. Provision of Environmental Services for a Property Impacted by Chlorinated Solvent in Groundwater, Ottawa ON. Tasks included: Phase II ESA (1999), remediation planning and groundwater pump and treat program (2000-2011) and long-term monitoring (2011-2016). Project Lead. Responsible for client communication, budget control, invoicing, technical support and report review. Total Contract Value \$200,000.
- Shorewood Packaging (now Newterra). Provision of Environmental Services for Remediation of Toluene from Impacted Groundwater at a Large Printing Facility, Brockville ON. Tasks included: Phase II ESA (1995); strategic pumping of groundwater from 6-metre length property boundary capture trenches with on-site treatment via air stripper (1996-2003); continued remediation via granular activated carbon (2003-2009); and long-term monitored natural attenuation program (2010-2016). Corrective actions, including lining of sanitary and storm sewers and installation of clay dams, implemented to protect against groundwater infiltration. Project Manager. Responsible for client communication, budget control, invoicing, technical support and report review. Total Contract Value \$400,000.

Environmental Assessment

Mr. Hillier has overseen and reviewed multiple Class Environmental Assessments for various municipal and provincial level undertakings. His portfolio in this area includes several Infrastructure Ontario (2011-2017), Category B or C EAs for more than 20 sites with typical contract values from \$3,500 to \$8,000 (see detailed project descriptions above):

- CBRE. Former MNRF Works Yard Category B EA in Support of Building Demolition, Haliburton ON (2016-2017). Contract Value \$5,000.

Waste Disposal Site Monitoring and Solid Waste Management

Mr. Hillier's waste management experience includes conducting groundwater and surface water impact assessments; preparing the necessary documentation for the EPA site approval process, addressing MOE concerns such as disposal site hydrologic and hydrogeologic conditions; solid waste landfill leachate characterization and monitoring; and operation and closure planning. Projects for which Mr. Hillier is currently Senior Reviewer and Competent Environmental Practitioner (CEP) for surface water and groundwater reporting including:

- Township of Augusta: Maynard (closed) Waste Disposal Site (WDS), North Augusta WDS (open).
- North Grenville: Kemptville, South Gower, Oxford Mills, Burritt's Rapids WDS (closed).



Groundwater Supply

Mr. Hillier has conducted hydrogeological investigations to find potable sources of groundwater for municipal and private services. He has had project management and technical involvement in: target aquifer exploration and testing, groundwater treatability analysis, municipal/commercial/residential well design and construction, potable water sampling, aquifer testing, well head protection planning, and terrain analysis for septic system design. Mr. Hillier maintained a MOECC well technician license (Class 3 portable drilling, Class 4 pump installer) for a period of fifteen years prior to the introduction of the Class 5 license (groundwater monitoring applications) exemption for Professional Geoscientists. Select projects include:

- Ottawa Carleton District School Board: Evaluation of groundwater treatment methods and remedial options for water supplies impacted by bacterial contamination and/or salt (2000-Ongoing).
- Moose Creek/Finch/Vars/Carp/Chesterville/Crysler/CFB Connaught Rifle Range: Design, installation, and testing of municipal supply production wells to replace existing substandard water supplies. Well Head Protection Planning and GUDI Assessment (1988-Ongoing).
- Multiple Clients: Terrain Analysis and Hydrogeological Investigation (MOE Procedures D-3, D-4 and D-5) for private servicing of rural residential and commercial land development since 1987. Select projects include:
 - Maple Subdivision, Little Beverly Lake (2016)
 - Norcan Lake Conservation Subdivision (O'Brien Estates), Calabogie (2007-2009)
 - Canonto Lodge Subdivision, Calabogie (2008-2009)
 - Trans Canada Pipeline: Baseline Well Water Supply Survey and Impact Assessment/Correction for construction of Stittsville and Deux Rivieres Loops (2005-2006)
 - Vance Farm Residential Subdivision, Kanata (2003)
 - West Rideau Collector Sewer Tunnel Construction (Phases 4 and 5): Well Water Supply Survey and Well Impact Assessment/Correction (1993-1995)
 - Carleton University: Installation and aquifer testing of a series of pumping and reinjection wells for a large scale heat pump system (1987-1990)

Drinking Water Quality Sampling and Assessment

Mr. Hillier has conducted hydrogeological investigations to find potable sources of groundwater for municipal and private services. He has had project management and technical involvement in: target aquifer exploration and testing, groundwater treatability analysis, municipal/commercial/residential well design and construction, potable water sampling, aquifer testing, well head protection planning, and terrain analysis for septic system design.

- City of Ottawa. Well Water Supply Quality Monitoring, Ottawa ON. Project Manager and Senior Advisor. Ongoing well water supply sampling for residential and commercial supplies to assess for potential salt impact derived from municipal works yards. Sampling completed up to 4 times a year and carried out adjacent to works yards located in Goulbourn, Cumberland, and West Carleton (2011-Ongoing).
- Canadian Science and Technology Museum Corporation. Potable Water Sampling Services, Ottawa ON. Senior Project Advisor and Senior Reviewer. Drinking water and livestock water sampling on an annual or as needed basis for the Aviation Museum, Agricultural Museum and Canadian Science and Technology Museum. Water sampling services are typically for water fountain and other potable source locations within the facilities and have included on-site measurement for chlorine residual and



turbidity (2006-Ongoing).

- Township of Beckwith. Water Supply Program Implementation Area Sampling, Carleton Place ON. Senior Project Advisor and Senior Reviewer. Ongoing sampling of granular activated carbon (GAC) treated residential and commercial water supplies in a 9 kilometres in length by 5 kilometres in area of the Township of Beckwith. Completed the GAC system sampling program and, based on volatile organic compound analytical results, provided recommendations for GAC vessel replacement as needed. An average of 300 water samples per year were collected (2009-2013).
- Major Bottled Water Producer. Groundwater Source Investigation, Eastern ON. Senior Hydrogeologist. Desktop review and field investigation to identify potential groundwater sources for bottled water in Eastern Ontario and Western Quebec. Reviewed published and in-house hydrogeological maps and report and available water well record databases, and evaluated geographic data from provincial water well databases. Field work included evaluation of target areas through installation and aquifer testing of pilot production wells, survey of existing wells and water quality sampling (2006-2008).

INTERNATIONAL PROJECT EXPERIENCE

- Trinidad and Tobago. Conducted a coastal water quality study for the island of Tobago. Objectives of the work program included mapping of point sources for coastal water quality impact and development of a GIS-based coastal water quality monitoring program (1997-1998).
- England/Wales. Conducted environmental audits at several Nortel (formerly Northern Telecom) Europe industrial sites located in the United Kingdom. Reviewed and provided recommendations on the storage and handling of hazardous waste materials. Identified existing environmental impacts due to past site activities. Completed Phase II Environment Site Assessment studies through drilling and soil and groundwater sampling programs (1992).



EDUCATION

- M.Sc., Natural Resource Sciences – Environmental Assessment, McGill University, 2011
- M.Sc., Geography, McGill University, 2009
- B.Sc., Geography, McGill University, 2006

YEARS OF EXPERIENCE

- 7 years of experience
- 7 years with BluMetric

EMPLOYMENT HISTORY

- 2012 – Present: BluMetric, Environmental Scientist
- 2011: BluMetric, Environmental Assessment Intern
- 2009 – 2010: McGill University, Department of Geography, Research Assistant
- 2010: Université de Montréal, Department of Biological Sciences, Research Assistant
- 2006 – 2009: McGill University, Department of Geography, Graduate Student Research Assistant
- 2006 – 2008: McGill University, Department of Geography, Teaching Assistant

TRAINING

- Hazardous Materials and Field Operations – 16-Hour Course
- First Aid/CPR
- Working Around Water, Safety Certificate, Access Rescue Canada
- Introduction to the Canadian Environmental Assessment Act, 2012

LANGUAGES

- English
- French

ROLE

- Environmental Scientist
- Project Manager

EXPERTISE

- Environmental Assessment
- Environmental Site Assessment
- Field Investigations

PROFESSIONAL PROFILE

Ms. Kim-Brisson has extensive experience conducting environmental assessment coordination for traditional small hydroelectric projects located across Ontario as well as assisting environmental field investigation and monitoring. She has experience with the requirements of the Ontario Waterpower Association's Class Environmental Assessments for Waterpower Projects, as well as federal Environmental Assessment requirements.

Ms. Kim-Brisson also conducts Category B environmental assessments for realty activities and public work projects, under the Public Work Class EA process. She has completed Phase I/One Environmental Site Assessments for these same properties as well.

Ms. Kim-Brisson has extensive experience conducting scientific research that involves both field-based and office-based components. She has successfully published the results of her research in a scientific peer-reviewed journal.



REPRESENTATIVE EXPERIENCE

Environmental Assessment and Planning

Ms. Kim-Brisson has extensive experience providing coordination and support for provincial (Waterpower Class EA) and federal (CEAA, 2012) EA requirements on various hydroelectric projects, provincial EA requirements for realty activities and public work projects (Public Work Class EA), and other pre-development environmental planning. These works include the determination of the natural and socio-cultural implications of various undertakings on the environment, the development of mitigation measures, the assessment of legislative requirements and triggers, and the submission of provincial permit and approval applications. Ms. Kim-Brisson is well-versed with data analysis, integrating and evaluating diverse information, and formulating recommendations on environmental impacts and issues. Select projects include:

- Environmental Assessment/Project Coordinator for several waterpower proposals in Ontario, including the Peterborough Utilities Inc. Dam 24 Hydro Project on the Otonabee River, and the Buckhorn Hydro Project on Buckhorn Lake; the Pecors Power Generating Station on the Serpent River; the Emmerson Dam Micro-Hydro Project on the Drag River; and the Enerdu Generation Station Project on the Mississippi River. Responsibilities include the coordination of activities and studies conducted by various subconsultants, consultation with regulatory agencies and public contacts, the preparation of reports and other documentation for public and regulatory review, and the coordination of post-EA permitting and approval applications (2012-2018).
- Enerdu Generating Station Expansion and Redevelopment on the Mississippi River, Ontario: Waterpower Class EA and support for permitting and approvals (2011, 2012-2018; Statement of Completion issued in November 2013; in-service as of April 2018).
- Emmerson Dam Micro-Hydro Project on the Drag River, Ontario: Waterpower Class EA and Surface Water Study in support of a Category 3 Permit to Take Water (2014-2017; Statement of Completion issued in March 2015; Permit to Take Water issued in January 2017).
- Category B Public Work Class EAs for various realty activities and public work projects (2014-2017).
- Preparation of Source Water Protection Notices and Orders under the Clean Water Act for the Region of Halton and the Town of Grand Valley (2016).
- Construction of a new gas metering station at Ingredion's Cardinal Facility, 4040 James Street, Cardinal, ON: public notification program and preparation of a permit application under O. Reg. 170/06 (Development, Interference with Wetlands and Alterations to Shorelines and Watercourses) (May-September 2016; O.Reg. 170/06 permit issued September 1, 2016).
- Public Information Meeting for the Oujé-Bougoumou Cree Nation Proposed Hydroelectric Generating Station Project (Chapais, QC, March 31, 2015). Responsibilities included: the preparation of bilingual meeting posters describing the proposed project, the approval process, and the preliminary results of natural heritage studies; attendance at the meeting to answer questions and solicit feedback from the attendees; and documentation of the event and of all questions and comments received at the meeting.
- "Enhanced" Category B Public Work Class EA for the proposed severance and disposition of the historic Perth Jail, 62 Beckwith St. E., Perth, ON (2015).
- EAs for multiple proposed hydropower projects for Xeneca Power Development Inc. Tasks included the preparation and distribution of Environmental Reports (2011, 2012-2014).



Environmental Site Assessment

Ms. Kim-Brisson has completed over a dozen Phase I ESAs for properties in eastern Ontario, including, but not limited to, residential properties, industrial properties, existing and historical quarries, institutional campuses, and undeveloped parcels. She has directly conducted all aspects of Phase I ESAs (e.g. review and interpretation of previous environmental studies (former Phase II ESAs, risk assessments, etc.), historical aerial photograph collection and interpretation, site reconnaissance), and has extensive experience in completing Phase I ESAs pursuant to RSC under O. Reg. 153/04, as well as in accordance with the CSA Standards. Ms. Kim-Brisson has also assisted in developing recommended work plans for Phase II ESAs based on the findings of the Phase I ESA conducted for the property.

Policy Review

Ms. Kim-Brisson has experience in reviewing and assessing regional and provincial-level policies in order to compare their respective application to industry. Select projects include:

- Great Lakes Water Quality Board (International Joint Commission) Legacy Issues Working Group: Oversight of Animal Feeding Operations for Manure Management in the Great Lakes Basin. The project requires BluMetric to compile, summarize and assess regulations, policies and permitting requirements from various jurisdictions, related to the use, management, storage and disposal of manure from animal feeding operations. Provide recommendations and advice on policy improvement for the Great Lakes Basin. Incorporate a review on how First Nations, Métis and Tribes are involved in the permitting process. Project Support. Responsible for the compilation of regulatory and permitting requirements (August 2017-October 2018).
- Ontario Ministry of Natural Resources and Forestry. Policy Review: Requirements for the Management of Flows and Levels for Water Control Structures in Six Canadian Provinces. Reviewer/Environmental Scientist. Responsible for review of regulatory and policy requirements for water control structures across various Canadian provinces outside Ontario; assessment of provincial guidelines and requirements relating to operating constraints, operating regimes, consultation requirements and ongoing monitoring and reporting (February-June 2016).
- Great Lakes Water Quality Board (International Joint Commission). Evaluating Watershed Management Plans: Nutrient Management Approaches in the Lake Erie Basin and Key Locations Outside of the Lake Erie Watershed. Reviewer/Junior Environmental Scientist. Responsible for preliminary screening and comparison of watershed management plans for Ontario watersheds bordering Lake Erie; the detailed evaluation and comparison of the nutrient management policies for select watershed management plans for Lake Erie and Lake Simcoe watersheds (August 2015-March 2016).

Research and Environmental Monitoring

- Crown-Indigenous Relations and Northern Affairs Canada. Post-Remediation Monitoring Performance Assessment, Colomac Mine NT. Project included analysis of monitoring program analytical results, evaluation of current site conditions against remediation objectives and optimization of an extensive monitoring well network (approximately 300 monitoring wells) by identifying redundant or obsolete monitoring locations that could be removed. Environmental Scientist. Responsible for data review and analysis of records, in support of water quality and hydrological monitoring and the performance assessment report (March 2017-March 2018).
- Statistical analyses of hydrologic data using the U.S. Army Corps of Engineers (USACE) Hydrologic



Engineering Center's Statistical Software Package (HEC-SSP).

- Participated in the early stages of NSERC's HydroNet, a national research network promoting sustainable hydropower and studying the effects of hydropower on fish and their habitats (2010).
- Conducted research in the field of fluvial geomorphology in her previous positions as a graduate student and research assistant. Her primary research topic focused on the geomorphology of rivers and their influence on the spatial distribution of Atlantic salmon and their habitat. Her research also involved extensive stereoscopic analysis of aerial photographs for the assessment of local and regional topographic features (2006-2009).
- Topographic surveys of river environments; water temperature monitoring; data analysis and GIS; and field measurements of flow velocity and river bed sediment sizes.

PUBLICATIONS

- Kim, M. and Lapointe, M. 2011. Regional variability in Atlantic salmon (*Salmo salar*) riverscapes: a simple landscape ecology model explaining the large variability in size of salmon runs across Gaspé watersheds, Canada. *Ecology of Freshwater Fish* 20(1): 144 – 156.



EDUCATION

- M.Eng., Environmental Engineering, Carleton University, 2013
- B.A.Sc., Chemical Engineering, University of Ottawa, 2010
- B.Sc., Biochemistry, University of Ottawa, 2010

YEARS OF EXPERIENCE

- 6 years of experience
- 5 years with BluMetric

EMPLOYMENT HISTORY

- 2017 – Present: BluMetric, Project Engineer
- 2013 – 2017: BluMetric, Environmental Scientist
- 2011 – 2012: Carleton University, Teaching Assistant
- 2012: Region of Durham, Technical Assistant
- 2010: CH2M Hill Canada Inc., Engineering Intern

PROFESSIONAL AFFILIATIONS

- Professional Engineers Ontario

TRAINING

- MOECC O. Reg. 170/03 Operation of Small Drinking Water Systems Course, 2017
- Lakes Environmental AERMOD Course, 2013
- 40 hour HAZWOPER, 2013
- OSHA 10-Hour Construction Course, 2010

LANGUAGES

- English

ROLE

- Project Engineer
- Project Manager
- Environmental Scientist

EXPERTISE

- Environmental Compliance Auditing and Approvals
- Environmental Air Emissions Assessments
- Phased Environmental Site Assessments
- Air Dispersion Modeling and Interpretation
- Annual Reporting (ECA/NPRI/O. Reg. 127/TRA)

PROFESSIONAL PROFILE

Ms. Petrocco is an engineer with experience working in various industries. She is responsible for undertaking projects and activities pertaining to Environmental Management Systems, environmental compliance audits, Environmental Compliance Approval (ECA) applications, emission modeling, federal/provincial annual environmental reporting, National Pollutant Release Inventory (NPRI) and Toxics Reduction Act (TRA) accounting and phased environmental site investigations.

Ms. Petrocco is knowledgeable in the areas of solid waste management, air dispersion modeling, water and wastewater treatment and federal, provincial and municipal environmental regulations. She also has experience in construction management of waterworks installation projects, including verification of completed work as per contractual documentation and coordination of site meetings.

Ms. Petrocco has prepared technical reports including, regulatory reports, compliance audit reports, emission summary and dispersion modeling reports, and soil and groundwater investigation reports. She is responsible for all aspects of project management, including proposal writing, cost estimates, budget tracking, invoicing and liaison between clients and regulatory agencies.



REPRESENTATIVE EXPERIENCE

Project Management

Ms. Petrocco has successfully managed a variety of projects including environmental compliance approvals, federal/provincial annual reporting and environmental compliance audits in accordance with the procedures of BluMetric's Quality Management System. Ms. Petrocco appreciates that each project is unique and that project requirements sometimes change during implementation, and dedicates time and effort to project management to ensure that project objectives continue to be effectively and efficiently met. As project manager she is responsible for the schedule, budget, invoicing, client liaison and resource allocations for the project to ensure the client's needs and regulatory requirement are met.

Quality and Environment Management Systems

Ms. Petrocco has conducted auditing of environmental management systems for several large facilities for compliance with ISO 14001. Auditing has included reviewing procedures in advance, developing an audit plan and comparing documentation with the standards before going on-site to review the implementation of documentation. She has also participated in compliance auditing involving reviewing applicable federal, provincial and regional requirements, creating checklist questions and preparing audit plans. Both management system and compliance audits have included the preparation of reports identifying non-conformances and identifying opportunities for improvement. Ms. Petrocco has also completed QMS internal audits for compliance with ISO9001. Select projects include:

- Durham York Energy Centre. Third Party Independent Audit, Courtice ON. Auditor. Ms. Petrocco conducted a third party audit of the waste-to-energy facility to assess the facility's conformance with their Environmental Compliance Approval and Environmental Assessment Conditions (March-April 2018).
- Fisheries and Oceans Canada. Environmental Compliance Audit of Research Facility, Nanaimo BC. Auditor. Ms. Petrocco assisted with an environmental compliance audit at the Pacific Biological Station in British Columbia. The audit was conducted in accordance with the CSA document 'Z773-03 Environmental Compliance Auditing Standard' and the Guidelines for the audit of environmental management systems (ISO 19011: 2002) (January-March 2018).
- Fisheries and Oceans Canada. ISO14001 Audit of National EMS. Auditor. Ms. Petrocco assisted with the internal audit of DFO's National Management System (December 2017-March 2018).
- Agriculture and Agri-Food Canada. Environmental Compliance Audit of two Agricultural Research Sites, MB. Auditor. Ms. Petrocco assisted with an Environmental Compliance Audit at the Brandon and Morden Research and Development Centres. The audit was conducted in accordance with the CSA document 'Z773-03 Environmental Compliance Auditing Standard' and the Guidelines for the audit of environmental management systems (ISO 19011: 2002) (October-November 2017).
- BluMetric Environmental Inc. ISO9001 Internal Audits. Auditor. Ms. Petrocco completed the annual internal audits of the BluMetric Quality Management System (October 2015-March 2017).
- Best Theratronics Ltd. ISO14001 Gap Analysis and EMS Re-Write. Project Manager and Auditor. As an Auditor, Ms. Petrocco was responsible for conducting the review of BTL EMS documentation, assisting with the onsite audit and providing recommendations to update the EMS to comply with the 2015 version of ISO14001. Ms. Petrocco also updated the BTL EMS manual and procedures as per the recommendations of the gap analysis (September 2015-January 2016).
- Hydro Ottawa Limited. Environmental, Health and Safety Compliance Audit, Ottawa ON. Auditor. Ms. Petrocco was responsible for conducting an environmental compliance audit for six 'run-of-the-



river' hydroelectric generating stations in accordance with the CSA document 'Z773-03 Environmental Compliance Auditing Standard' and creating an environmental legal registry for each station (December 2015).

- St. Lawrence Seaway Management Corporation. ISO14001 Gap Analysis and EMS Re-Write, Eastern ON. EMS Assistant. Ms. Petrocco assisted with a high level gap analysis; documented identified gaps in a technical report; summarized BluMetric's recommendations in a PowerPoint presentation; updated the EMS manual as per the recommendations of the gap analysis; created procedures and forms and uploaded the re-written EMS documents to an on-line system (February 2013-March 2014).
- Jones Lang LaSalle. Environmental Compliance Audit. Field Technician. Ms. Petrocco was responsible for completing environmental compliance audits, in accordance with the CSA document 'Z773-03 Environmental Compliance Auditing Standard', at two Canada Post mail processing facilities (December 2013).
- Canadian Bank Note Ltd. ISO 14001 EMS Implementation. EMS Assistant. Ms. Petrocco assisted with the aspect/impact analysis and EMS procedure development for CBN's manufacturing and office facilities (July 2013).

Environmental Compliance Approvals

Ms. Petrocco has completed several Environmental Compliance Approvals (ECA) Air applications for commercial, industrial and institutional facilities including manufacturers of medical imaging devices, banknotes and concrete; diesel and natural gas combustion emission sources; and hospitals. The environmental air assessments include site visits to identify emission sources, emission estimation based on emission rates, analysis of processes in use at each facility, dispersion modeling and compliance determinations based on comparison with applicable Ontario Ministry of Environment and Climate Change (MOECC) standards. As part of her work experience, Ms. Petrocco has become proficient in applying the RUN308 and AERMOD dispersion models, as well as same structure self-contamination assessments (air re-entrainment assessments applying ASHRAE principles). She serves as the liaison between clients and regulatory agencies, helping clients to respond to MOECC reviewer comments and providing an interface between the client and the MOECC through the approval process until the ECA is approved. She also prepares and submits Environmental Activity and Sector Registries (EASR) Registrations for applicable facilities. Select projects include:

- Port of Johnstown. Air EASR Registration, Johnstown ON. Technical Lead. Completed the air assessment (dispersion modelling, ESDM Report and Supplement) for a grain processing operator and assisted with the on-line registration process (April-August 2017).
- RGT Clouthier. ECA Air Application. Technical Lead. Completed the air assessment and ECA application for a mobile rock crushing operation (June-July 2017).
- Rogan Kitchens. ECA Air Application. Technical Lead. Complete the air assessment and ECA application for a kitchen door and cabinet manufacturer (January-February 2016).
- Best Theratronics Ltd. ECA Air Application. Project Manager and Technical Lead. Completed the air assessment for a medical imaging device manufacturer and provided technical assistance through the MOECC approval process. The air assessment included site visits, a review of on-site processes, emissions estimation, and preparation and submission of an ECA application and MOECC correspondence (October 2015).
- TRP Ready Mix Ltd. ECA Air Applications. Technical Assistant. Completed the air assessment and ECA applications for two ready-mix concrete plants (June-July 2013).



Annual Reporting

Ms. Petrocco assists clients with their annual federally and provincially legislated reporting requirements. For those clients with an Air ECA, she updates the emission summary and dispersion modelling for the facility to evaluate changes and review whether the facility emissions continue to comply with MOECC Standards; the modifications and updated modelling results are summarized in the annual report. For those clients with a Storm Water Management Works or an Industrial Sewage Works ECA, she reviews laboratory data, liaises with the client to obtain operating practices and summarizes results in a report as required by the ECA. For those clients who are required to report under NPRI, O. Reg. 127, and/or the Toxics Reduction Act, Ms. Petrocco evaluates annual usage or emissions against the reporting thresholds, calculates the necessary reporting data and details, and assists clients with their online reporting system entries. Select projects include:

- Canadian Bank Note Company Ltd. Annual ECA (air/noise) Reporting. Technical Lead. Ms. Petrocco is responsible for completing the annual ECA reporting requirements for a printing operation under a flexible ECA (January 2015-Ongoing).
- Best Theratronics Ltd. Annual NPRI Reporting. Technical Lead. Ms. Petrocco is responsible for the annual reporting requirements for regulated substances of a Medical Imaging Device manufacturer (May 2013-Ongoing).
- Port of Johnstown. Storm Water Management Works Annual ECA Report, Johnstown ON. Ms. Petrocco was responsible for preparing the 2015 annual report for the Port of Johnstown's Storm Water Management Works as per the requirements of the client's ECA (March 2016).
- Ottawa District School Board. West Carleton Secondary School Annual ECA Report, Ottawa ON. Ms. Petrocco was responsible for preparing the 2013 and 2015 annual report for the West Carleton Secondary School reverse osmosis system as per the requirements of the client's Industrial Sewage Works ECA (March 2014 and February 2016).

Environmental Site Assessment

Ms. Petrocco has completed numerous Phase I ESAs in accordance with O. Reg. 153/04 and to the CSA Standard for land transactions. Her work involves all aspects of the Phase I ESA including historical searches, site investigation, interviews and report compilation. She has also completed data interpolation and the reporting requirements for several Phase II ESAs under these standards. Select projects include:

- National Capital Commission. Phase I ESA of an undeveloped lot in Gatineau Park, Ottawa ON. Technical Assistant. Completed the Phase I site investigation, conducted the historical searches and compiled information into a formal report in accordance with the Canadian Standards Association (CSA) Z768-01 and Z769-00 Standards (May 2017).
- Infrastructure Ontario. Phase II ESAs for Several Former MNRF Ranger Camps. Technical Assistant. Compiled subsurface investigation data and presented results and conclusions in a formal report in accordance with the CSA Z768-01 and Z769-00 Standards (July 2015-August 2015).
- City of Ottawa. Phase I ESA of a Fire Station, Ottawa ON. Technical Assistant. Completed the Phase I site investigation, conducted the historical searches and compiled information into a draft report in accordance with the CSA Z768-01 and Z769-00 Standards (May 2014).
- Infrastructure Ontario. Phase II ESA report for a Psychiatric Hospital, Brockville ON. Technical Assistant. Compiled subsurface investigation data and presented results and conclusions in a formal report in accordance with the CSA Z768-01 and Z769-00 Standards (July 2013-August 2013).
- Hydro Ottawa. Phase II ESA for a Former Substation Property in Support of a Record of Site Condition (RSC), Ottawa ON. Technical Assistant. Compiled subsurface investigation data and



presented results and conclusions in a formal report in accordance with O. Reg. 153/04, as amended (February-March 2013).

Environmental Monitoring and Sampling

Ms. Petrocco has assisted with several groundwater sampling programs for the testing of metals, BTEX, petroleum hydrocarbons, and general chemistry parameters. Ms. Petrocco has also completed potable water sampling at residential buildings. Select projects include:

- Township of Beckwith. Water Sampling and Monitoring Services. Field Technician. Ms. Petrocco was responsible for sample collection for the testing of volatile organic compounds (2014).
- Waste Management of Canada Corporation. Annual Waste Disposal Site Monitoring. Field Technician. Ms. Petrocco assisted with the collection of groundwater using low flow sampling techniques with dedicated bladder pumps and surface water samples in accordance with the client's Environmental Monitoring Plan (2013).
- Mac's Convenience Stores Inc. Annual Groundwater Monitoring and Sampling. Field Technician. Ms. Petrocco collected groundwater samples using low flow techniques, measured water levels and free product depth, and monitored headspace combustible vapour at several Mac's convenience store and fuel retail outlets. When required, Ms. Petrocco provided traffic control during sample collection (2013).

