Geotechnical Engineering

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Materials Testing

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Phase I-Environmental Site Assessment

50 The Driveway
Ottawa, Ontario

Prepared For

Main and Main

July 9, 2021

Report: PE5340-1

Paterson Group Inc.

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

Tel: (613) 226-7381
Fax: (613) 226-6344
www.patersongroup.ca

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Main and Main to conduct a Phase I-Environmental Site Assessment (ESA) for the property addressed 50 The Driveway, in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the subject site and the Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I ESA Property.

According to the historical research, the Phase I ESA Property was first developed for residential and commercial purposes (beer bottling facility) as early as 1895 with Neville's Creek situated on the southern portion of the Phase I ESA Property. In 1912, the eastern portion of the Phase I ESA Property was vacant land, while the residence remained on the western portion. In 1928, the eastern portion was redeveloped and occupied by a workshop and storage facility until circa 1956. In 1965, the site was redeveloped with the present-day 2-storey commercial office building, which has since been occupied by the Canadian Indigenous Nurses Association. A southern addition was constructed in 1987.

Based on the historical use commercial to light industrial use (bottling facility and workshop) of the eastern portion of the site is also considered to represent a potential contaminating activity. Fill material of unknown quality is expected to present on the Phase I ESA Property resulting from the demolition of the former residential dwelling on the eastern portion and infill of Neville's Creek on the southern portion of the Phase I ESA Property. Both on-site PCAs resulted in areas of potential environmental concern (APECs) on the Phase I ESA Property.

The historical use of the surrounding lands consisted of primarily residential land use. No historical off-site PCAs were identified within the Phase I Study Area.

Following the historical research, a site visit was conducted. The Phase I ESA Property is occupied by the 1965 commercial building situated on the northeastern corner of the property while the remaining land is an asphaltic concrete paved parking lot. It is expected that the use of road salt as a deicing agent was used on the asphaltic concrete paved parking lot and walkways on the Phase I ESA Property for the safety of vehicular and pedestrian traffic under conditions of ice and/or snow, and as such, this PCA is exempted and does not result in an APEC. No other PCAs were identified on the Phase I ESA Property.

Recommendations

Based on our findings of the assessment, it is **our opinion that a Phase II-Environmental Site Assessment is required for the subject property.**

It is our understanding that the subject building will be demolished in conjunction with future residential redevelopment. Prior to any demolition activities or disturbances of potential asbestos materials (ACMs), which included hard plaster walls, ceiling stipple and vinyl flooring and lead-based painted surfaces, a designated substance survey (DSS) must be conducted for the existing structure, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

1.0 INTRODUCTION

At the request of Main and Main, Paterson Group (Paterson) conducted a Phase I-Environmental Site Assessment (Phase I-ESA) for 50 The Driveway, in the City of Ottawa, Ontario, herein referred to as the Phase I ESA Property. The purpose of this Phase I-ESA was to research the past and current use of the Phase I ESA Property and properties within the Phase I Study Area to identify any potentially contaminating activities (PCAs) that would result in areas of potential environmental concern (APECs) on the Phase I ESA Property.

Paterson was engaged to conduct this Phase I-ESA by Ms. Emily Roukhkain, of Main and Main. The head office is located at 109 Atlantic Avenue, Toronto, Ontario. Ms. Roukhkain can be reached by telephone at (416) 986-2119.

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

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

2.0 PHASE I ESA PROPERTY INFORMATION

Address:	50 The Driveway, Ottawa, Ontario
Legal Description:	Lots 1 and 2 and Lot e, and Part 1 of Plan 5R-8677, Concession D of Rideau Front, Nepean, now in the City of Ottawa.
Location:	The site is located on the southeast corner of Lewis Street at The Driveway, in the City of Ottawa, Ontario. Refer to Figure 1 - Key Plan in the Figures section following the text.
PIN:	04117-0258
Latitude and Longitude:	45° 25’ 7.60" N, 75° 40' 57.52" W

Site Description:

Configuration:	Irregular
Area:	2,958 m^2 (approximately)
Zoning:	R4U – Forth Density Residential Zone.
Current Use:	The Phase I ESA Property is currently occupied by a 2 storey commercial office building and an asphaltic concrete paved lot used for vehicular parking.
Services:	The Phase I ESA Property is situated in a municipally serviced area.

3.0 SCOPE OF INVESTIGATION

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

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

4.0 RECORDS REVIEW

4.1 General

Phase I-ESA Study Area Determination

A radius of approximately 250 m was determined to be appropriate as a Phase I Study Area for this assignment. Properties outside the 250 m radius are not considered to have impacted the Phase I ESA Property based on their significant separation distance.

First Developed Use Determination

Based on a review of the 1895 Fire Insurance Plan (FIP), the Phase I ESA Property was developed with a beer bottling facility and a residential dwelling. The exact year of first developed use is not known, however, for the purpose of this assessment, the Phase I ESA Property is considered to have been first developed for residential and commercial purposes circa 1895.

Fire Insurance Plans

The 1895, 1912, 1948 and 1956 Fire Insurance Plans (FIPs) for the Phase I ESA Property and properties within the Phase I Study Area were reviewed as part of this assessment.

The 1895 FIPs show the Phase I ESA Property as being occupied by a beer bottling facility on the eastern portion of the site and a residential dwelling on the western portion of the site addressed 136-138 Emmett Street with Neville's Creek situated along the southern portion of the Phase I ESA Property. In 1912, the FIP shows the Phase I ESA Property is no longer occupied by the bottling facility. A work shop is present on the southern part of the site where Neville's Creek used to be. In the 1948 and 1956 FIPs, the Phase I ESA Property is occupied by Capital Storage Co. with an Auto and Shipping Warehouse, addressed 2-4 Lewis Street (late Almond Street) on the eastern portion of the site, while the residential dwelling is remains present on the western portion. The former workshop appears to be used for storage during that time.

Based on the 1895, 1912, 1948 and 1956 FIPs, the surrounding lands consisted predominantly of residential land use.

Based on a review of the FIPs, the former commercial to light industrial use of the Phase I ESA Property (bottling facility and works shop) and infilling of Neville's Creek (potential fill material of unknown quality) are considered potentially

contaminating activities (PCAs) identified on the Phase I ESA Property, and as such, these PCAs are considered to represent areas of potential environmental concern (APECs).

City of Ottawa Street Directories

City directories were reviewed in approximate ten (10) year intervals from 1910 to 2011. More recent directories are not available.

The Phase I ESA Property formerly addressed 2-4 Lewis Street was listed under private individuals from 1925 to 1935, followed by Capital Storage from 1947 to 1965. In 1968, the Phase I ESA Property was listed as vacant. From 1972 to 2011, the Phase I ESA Property was addressed 50 The Driveway, which was occupied by the Canadian Nurses Association. Based on the 1910 FIPs, the Phase I ESA Property was formerly addressed 136-138 Emmett Street, however, the addresses were not listed in the 1915 directories.

Surrounding land use was listed primarily as residential. No off-site PCAs were identified during the review of the city directories.

Chain of Title

Paterson requested a Chain of Title for the Phase I ESA Property, however, at the time of issuance of this report, the Chain of Title has not been received. A copy of the chain of title will be provided once received.

Plan of Survey

A sketch prepared for the building demolition prepared by Annis, O'Sullivan, Vollebekk Ltd. was reviewed as part of this assessment. The Phase I ESA Property is depicted in the plan in its current configuration. A copy of the sketch is provided in Appendix 1.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on June 7, 2021. The subject site is not listed in the NPRI database. There are no properties registered in the NPRI database within the study area.

PCB Inventory

A search of national PCB waste storage sites was conducted. No PCB waste storage sites are located within the Phase I study area.

Ontario Ministry of Environment, Conservation and Parks (MECP) Instruments

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the site. At the time of issuing this report, a response had not been received from the MECP. A copy of the response will be forwarded to the client should any pertinent information regarding the Phase I ESA Property is identified. A copy of the MECP FOI request is appended to this report.

MECP Submissions

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the properties. At the time of issuing this report, a response had not been received from the MECP. A copy of the response will be forwarded to the client should any pertinent information regarding the Phase I ESA Property is identified. A copy of the MECP FOI request is appended to this report.

MECP Incident Reports

A request was submitted to the MECP FOI office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the site or adjacent properties. At the time of issuing this report, a response had not been received from the MECP. A copy of the response will be forwarded to the client should any pertinent information regarding the Phase I ESA Property is identified. A copy of the MECP FOI request is appended to this report.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records. At the time of issuing this report, a response had not been received from the MECP. A copy of the response will be forwarded to the client should any pertinent information regarding the Phase I ESA Property is identified. A copy of the MECP FOI request is appended to this report.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the site. No Municipal Coal Gasification Plant Sites are located within the Phase I Study Area.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment for the site, neighbouring properties and the general area of the site. No Records of Site Condition (RSCs) were filed for the subject properties. No RSC properties were identified in the Phase I Study Area.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. There are no former waste disposal sites located within 250m of the Phase I Study Area.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment for the site, neighbouring properties and the general area of the site. No RSCs were filed for properties within the Phase I ESA study area.

Areas of Natural Significance

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

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto was contacted electronically on June 89, 2021 to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. No records are listed in the TSSA registry for the Phase I Property or the neighbouring lands. A copy of the TSSA correspondence is included in Appendix 2.

City of Ottawa Landfill Document

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

City of Ottawa Historical Land Use Inventory (HLUI) Database

A requisition form was sent to the City of Ottawa to request information from the City's Historical Land Use Inventory (HLUI 2005) database for the Phase I ESA property and properties within a 250 m search area. A response had not been received prior to issuing this report. A copy of the HLUI application is appended to this letter.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto, was contacted on June 9, 2021, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. No TSSA related records were identified on the Phase I ESA Property or within the Phase I Study Area. A copy of the TSSA correspondence and ERIS report are provided in Appendix 2.

Former Industrial Sites

The report titled "Mapping and Assessment of Former Industrial Sites, City of Ottawa" prepared by Intera Technologies Limited was reviewed. There are no former industrial sites within the Phase I Study Area.

City of Ottawa Landfill Document

The document entitled "Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa", was reviewed. No former landfill sites were identified in within the Phase I Study Area.

City of Ottawa Historical Land Use Inventory (HLUI) Database

A requisition form was sent to the City of Ottawa to request information from the City's Historical Land Use Inventory (HLUI) database for the Phase I ESA Property and properties within a 250 m search area. A response had not been received prior to issuing this report. A copy of the HLUI application is appended to this letter.

Environmental Risk Information Services (ERIS) Report

An ERIS (Environmental Risk Information Service) Search Report, dated June 9, 2021, was obtained for the Phase I ESA Property and properties within the Phase I Study Area.

According to the ERIS report, there are waste generator records listed under the Canadian Nurses Association. The reported wastes included photo processing waste (photocopying cartridges) from 1988 to 1998. Based on the nature of the waste stream, it is unlikely that this waste produced on site, impacted the Phase I ESA Property. No other records pertained to the Phase I ESA Property.

The ERIS search identified off-site records including waste generators, TSSA related records, pipeline incidences and environmental records. Based on the nature of these records or separation distances, any off-site PCAs that were identified in the ERIS report are not considered to represent APECs on the Phase I ESA Property. No APECs were identified during the review of the ERIS report. A copy of the ERIS report is included in the Appendix 2.

4.3 Physical Setting Sources

Aerial Photographs

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

1928 The Phase I ESA Property appears to be occupied by a commercial style building on the eastern half and a residential on the western portion. Neighbouring properties appear to be developed for predominately residential purposes.

1956 The Phase I EA Property appears to have been expanded with a northern addition to the warehouse style building, while the neighbouring properties remain unchanged from the previous photograph.

1965 The Phase I ESA Property is vacant and under redevelopment. No significant changes are apparent on the surrounding lands.

1976 The Phase I ESA Property is occupied by the present-day commercial building, while the neighbouring lands to the north are

occupied by residential apartment buildings, and lands to the west, east and south remain unchanged from the previous photograph.

1991 A southern extension of the subject building is present at this time, while the surrounding lands remain unchanged from the previous photograph.

2002 No significant changes appear to have been made to the Phase I ESA Property or neighbouring properties within the Phase I Study Area.

2011 The Phase I ESA Property and surrounding lands remain unchanged from the previous photograph.

2019 The Phase I ESA Property and surrounding lands remain unchanged from the previous photograph.

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

Physiographic Maps

The Ontario Geological Survey publication 'The Physiography of Southern Ontario, Third Edition' was reviewed as a part of this assessment. According to the publication, the Phase I ESA Property is situated within the Ottawa Clay Plain physiographic region.

Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. The topographic maps indicate that the regional topography in the general area of the Phase I ESA Property slopes down in a northwesterly direction towards the Ottawa River. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area of the Phase I ESA Property is reported to consist of shale of the Carlsbad Formation, while the surficial geology reportedly consists of off-shore marine sediment of erosional terraces with a drift thickness ranging from 15 to 25 m.

Water Well Records

A well record search was conducted on June 9, 2021 for all drilled wells within 250 m of the Phase I ESA Property. No well records were identified on the Phase I ESA Property. The search returned nine (9) well records, all of which were for monitoring wells drilled more than 120 m away from the Phase I ESA Property. These monitoring wells are not considered to pose any risk to the subject land.

Based on the well records, the stratigraphy in the Phase I Study Area consists of clay, till, followed by shale bedrock. Bedrock was reached at approximately 8 m below the existing ground surface. No other information was provided in the well records. A copy of the well records has been included in Appendix 2.

Areas of Natural Significance and Water Bodies

No areas of natural significance or natural bodies of water were identified in the Phase I Study Area.

5.0 INTERVIEWS

Property Owner Representative

As part of this assessment, Mr. Jeffery Ryan of the Canadian Indigenous Nurses Association was interviewed during the site visit on June 11, 2021. Based on the information provided by Mr. Ryan, the present-day building was constructed circa 1965 with a southern extension added onto the subject building in 1987. The subject building has always been occupied by the Canadian Indigenous Nurses Association.

Mr. Ryan is not aware of any potential environmental concerns regarding the Phase I ESA Property. Any other pertinent information obtained during the interview has been included in the relevant sections of this report.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site visit was conducted on June 10, 2021 by Ms. Mandy Witteman with Paterson's Environmental Department. In addition to the site, the uses of neighbouring properties within the Phase I Study Area were also assessed at the time of the site visit, from publicly accessible areas.

6.2 Specific Observations at the Phase I ESA Property

Buildings and Structures

The Phase I ESA Property is occupied by a 2-storey commercial office building constructed circa 1965 with a southern additional built in 1987. The exterior is finished in red brick with a flat tar and gravel style roof. The building is heated by natural gas fried boilers and cooled by a roof mounted HVAC unit.

Site Features

The subject building is situated on the northeastern corner of the site, while the remaining lot is an asphaltic concrete paved parking lot. Access to the site is accessible from Lewis Street.

The site topography slopes to down in a southeasterly direction, while the regional topography slopes gently down in a north-westerly direction. Site drainage consists primarily of sheet drainage to catch basins along Lewis Street with some infiltration on the landscaped areas.

No evidence of current or former railway or spur lines was observed on the Phase I ESA Property at the time of the site visit. No signs of an underground storage tank (UST) or above ground storage tank (AST) were noted at the time of the site visit. No areas of stained pavement, unidentified substances or ponded were observed on-site at this time.

Subsurface Services and Utilities

The Phase I ESA Property is situated in a municipally serviced area. Underground utilities and/or structures include municipal water and sewer, electricity and natural gas.

Interior Assessments

A general assessment of the building interior is as follows:

- The floors were finished with a combination of ceramic tiles, vinyl, carpet, hardwood and poured concrete (basement).
- The walls and ceilings consisted of some drywall, brick, plaster, concrete and suspended ceiling tiles.
- Lighting throughout the building was provided by a mixture of incandescent light fixtures.

The building is presently heated with natural gas-fired equipment. No ASTs or evidence of USTs were observed on the interior of the building at the time of the site visit.

Three (3) sump pits and a floor drain were observed in the basement of the building. No water or apparent odour was noted in the sump pits at the time of the site visit. No concerns were noted with either the sump pits or floor drain at the time of the site visit.

Potentially Hazardous Building Products

- **Asbestos Containing Materials ACMs**

  Based on the age of the subject building (circa 1965), there is the potential for asbestos containing materials (ACMs) to have been used in the construction. Potential ACMs observed at the time of the site visit include vinyl flooring, hard plaster walls and ceiling and drywall joint compound.

- **Lead Based Paints (LBPs)**

  Based on the date of construction (circa 1965) lead-based paints (LBPs) may be present within the subject building.

- **Urea Formaldehyde Foam Insulation (UFFI)**

  Based on the age of the subject building, UFFI may be present. No UFFI was identified at the time of the site visit however wall and ceiling cavities were not observed.

- **Polychlorinated Biphenyls**

  No potential sources of PCBs were identified on the interior of the subject building at the time of the site visit.

- **Ozone Depleting Substances (ODSs)**

  Refrigerators and fire extinguishers may be potential sources of ozone depleting substances (ODSs) on site. These appliances should be regularly serviced and maintained by certified contractors.

Other Potential Environmental Concerns

- **Storage Tanks and Chemicals**

  No aboveground or underground fuel storage tanks, staining or odours were noted on the interior of the Phase I ESA Property at the time of the site visit. Chemicals stored on-site included paints and domestic cleaning products, all of which were properly stored in labelled containers.

Neighbouring Properties

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

- North: Lewis Street, followed by residential;
- South: Residential, followed by Waverley Street;
- East: Queen Elizabeth Drive, followed by the Canal; and
- West: Residential, followed by Robert Street.

Land use within the Phase I Study Area (250 m radius) is primarily used for residential with some commercial land use. No off-site PCAs were identified at the time of the site visit. Surrounding land use is shown on Drawing PE5340-2 – Surrounding Land Use Plan.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The Phase I ESA Property was first developed for residential and commercial use prior to 1895, as a beer bottling facility. The site was redeveloped 1912, with a storage warehouse from circa 1928 to 1956, although the residence remained. The subject site was redeveloped in 1965 with the present-day commercial building.

It is our understanding that the Phase I ESA Property will be redeveloped for residential purposes and as such, a Record of Site Condition (RSC) will be required due to the more sensitive land use change (commercial to residential).

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Based on the findings of the Phase I ESA, on-site historical potentially contaminating activities (PCAs) are considered to have resulted in two (2) areas of potential environmental concern (APEC) on the Phase I ESA Property.

As per Column A of Table 2 of the O.Reg. 153/04, as amended, the following on-site PCA that generated an APEC on the Phase I ESA Property is:

- ❒ PCA 30 – "Importation of Fill Material of Unknown Quality" associated with the infill of Neville's Creek on the southern portion of the Phase I ESA Property in 1912 as well as former demolition of the residential dwelling on the western portion circa 1956 (APEC 1).
- ❒ PCA Other – "Former Industrial Site," associated with the bottling facility circa 1895 and workshop from 1928 to 1956 on the Phase I ESA Property (APEC 2).
- ❒ PCA Other – "Use of Road Salt for Deicing," across the Phase I ESA Property (APEC 3).

Although not identified as a specific PCA in Table 2, the application of deicing salts for vehicular and pedestrian safety is also considered to represent an APEC (APEC 3) on the Phase I ESA Property. Based on the findings of the Phase I ESA, it is considered likely that road salt was applied to the surface of the walkways, paved access lane and parking lot across the Phase I ESA Property for the safety of vehicular and pedestrian traffic under conditions of ice and/or snow.

According to Section 49.1 of O.Reg. 153/04, if an applicable site condition standard is exceeded at a property solely because of the following reason, the applicable site condition standard is deemed not to be exceeded for the purpose of Part XV.1 of the Act: "The qualified person has determined, based on a phase one environmental site assessment or a phase two environmental site assessment, that a substance has been applied to surfaces for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both."

In accordance with Section 49.1 of O.Reg. 153/04, any EC and SAR concentrations on the RSC Property that exceed the MECP Table 3 standards for a residential/institutional land use are deemed not to be exceeded for the purpose of Part XV.1 of the Act. This exemption is being relied on for APEC 34.

The APECs are shown on Drawing PE5340-1 – Site Plan, while the corresponding PCAs are shown in red on Drawing PE5340-2 – Surrounding Land Use Plan.

Contaminants of Potential Concern

Based on the APECs identified on the Phase I ESA Property, the contaminants of potential concern (CPCs) are:

- ❒ Polycyclic aromatic hydrocarbons (PAHs);
- ❒ Metals, including hydride forming compounds (arsenic, antimony and selenium); and,
- ❒ Electrical conductivity (EC) and Sodium adsorption ratio (SAR).

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

According to the Geological Survey of Canada website, the bedrock in the area of the Phase I ESA Property is reported to consist of shale of the Carlsbad Formation. The overburden is reported to consist of off-shore marine sediments of erosional terraces with depths ranging from 15 to 25 m over the entire site.

Fill Placement

Based on the historical use of the Phase I ESA Property, fill material of unknown quality is likely present on the southern portion of the Phase I ESA Property, resulting from the infill of Neville's Creek circa 1912.

Areas of Natural Significance and Water Bodies

No areas of natural significance were identified in the Phase I Study Area. No natural water bodies were identified in the Phase I Study Area.

Drinking Water Wells

There are no potable water wells on the Phase I ESA Property, nor are they expected to be present as the subject land is situated in a municipally serviced area.

Existing Buildings and Structures

The Phase I ESA Property is occupied by a 2-storey with basement commercial office building constructed circa 1965 with a southern additional built in 1987.

The exterior is finished in red brick with a flat tar and gravel style roof. The building is heated by natural gas fried boilers and cooled by a roof mounted HVAC unit.

Subsurface Structures and Utilities

The Phase I ESA Property is situated in a municipally serviced area. Underground utilities and/or structures includes municipal water and sewer, electricity and natural gas.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area consists of residential, with some commercial (offices) properties.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of this report, two (2) PCAs, resulting in APECs are summarized in Table 1, along with their respective location and contaminants of potential concern (CPCs).

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

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil, and/or Sediment)
APEC 1: Resulting from infill of Neville's Creek and demolition of former dwelling	Southern and western portions of the Phase I ESA Property	PCA 30 – Importation of Fill Material of Unknown Quality	On-site	PAHs Metals As, Sb, Se	Soil and/or groundwater
APEC 2: Resulting from the former industrial use of the site (bottling facility) and former workshop	Eastern half and southern portion of the Phase I ESA Property, around the former and current building footprints	PCA Other – Former industrial use of the site	On-site	BTEX PHCs (F_1-F_4) Metals As, Sb, Se	Soil and/or groundwater

Contaminants of Potential Concern

As per Section 7.1, the contaminants of potential concern (CPCs) in soil and/or groundwater include benzene, toluene, ethylbenzene and xylenes (BTEX), and petroleum hydrocarbons (PHCs, F1-F4), polycyclic aromatic hydrocarbons (PAHs) and metals (including arsenic (As), antimony (Sb) and selenium (Se)), as well as electrical conductivity (EC) and sodium adsorption ratio (SAR).

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I- ESA is considered to be sufficient to conclude that there are on-site PCAs that have resulted in APECs on the Phase I ESA Property.

A variety of independent sources were consulted as part of this assessment, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSIONS

8.1 Assessment

Paterson Group was retained by Main and Main to conduct a Phase I-Environmental Site Assessment (ESA) for the property addressed 50 The Driveway, in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the subject site and the Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I ESA Property.

According to the historical research, the Phase I ESA Property was first developed for residential and commercial purposes (beer bottling facility) as early as 1895 with Neville's Creek situated on the southern portion of the Phase I ESA Property. In 1912, the eastern portion of the Phase I ESA Property was vacant land, while the residence remained on the western portion. In 1928, the eastern portion was redeveloped and occupied by a workshop and storage facility until circa 1956. In 1965, the site was redeveloped with the present-day 2-storey commercial office building, which has since been occupied by the Canadian Indigenous Nurses Association. A southern addition was constructed in 1987.

Based on the historical use commercial to light industrial use (bottling facility and workshop) of the eastern portion of the site is also considered to represent a potential contaminating activity. Fill material of unknown quality is expected to present on the Phase I ESA Property resulting from the demolition of the former residential dwelling on the eastern portion and infill of Neville's Creek on the southern portion of the Phase I ESA Property. Both on-site PCAs resulted in areas of potential environmental concern (APECs) on the Phase I ESA Property.

The historical use of the surrounding lands consisted of primarily residential land use. No historical off-site PCAs were identified within the Phase I Study Area.

Following the historical research, a site visit was conducted. The Phase I ESA Property is occupied by the 1965 commercial building situated on the northeastern corner of the property while the remaining land is an asphaltic concrete paved parking lot. It is expected that the use of road salt as a deicing agent was used on the asphaltic concrete paved parking lot and walkways on the Phase I ESA Property for the safety of vehicular and pedestrian traffic under conditions of ice and/or snow, and as such, this PCA is exempted and does not result in an APEC. No other PCAs were identified on the Phase I ESA Property.

Neighbouring land use in the Phase I Study Area consists primarily of residential with some commercial land use (offices and retail). No existing off-site PCAs were identified within the Phase I Study Area.

8.2 Recommendations

Based on our findings of the assessment, it is **our opinion that a Phase II-Environmental Site Assessment is required for the subject property.**

It is our understanding that the subject building will be demolished in conjunction with future residential redevelopment. Prior to any demolition activities or disturbances of potential asbestos materials (ACMs), which included hard plaster walls, ceiling stipple and vinyl flooring and lead-based painted surfaces, a designated substance survey (DSS) must be conducted for the existing structure, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

9.0 STATEMENT OF LIMITATIONS

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

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

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

Paterson Group Inc.

Mandy Witteman, B.Eng., M.A.Sc.

Mark S. D'Arcy, P.Eng, QP$_{ESA}$

Report Distribution:

- ❑ Main and Main
- ❑ Paterson Group

10.0 REFERENCES

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

Provincial Records
MECP Freedom of Information and Privacy Office.
MECP Municipal Coal Gasification Plant Site Inventory, 1991.
MECP document titled “Waste Disposal Site Inventory in Ontario”.
MECP Brownfields Environmental Site Registry.
Office of Technical Standards and Safety Authority, Fuels Safety Branch.
MNR Areas of Natural Significance.
MECP Water Well Record Inventory.
Chapman, L.J., and Putnam, D.F., 1984: ‘The Physiography of Southern Ontario, Third Edition’, Ontario Geological Survey Special Volume 2.

Municipal Records
City of Ottawa Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.
Intera Technologies Limited Report “Mapping and Assessment of Former Industrial Sites, City of Ottawa”, 1988.
geoOttawa: City of Ottawa electronic mapping website.
City of Ottawa Historical Land Use Inventory (HLUI) Database

Local Information Sources
Personal Interviews.

Public Information Sources
Google Earth.
Google Maps/Street View.

Private Information Sources
ERIS Report
Survey Plan

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5340-1 – SITE PLAN

DRAWING PE5340-2 – SURROUNDING LAND USE PLAN

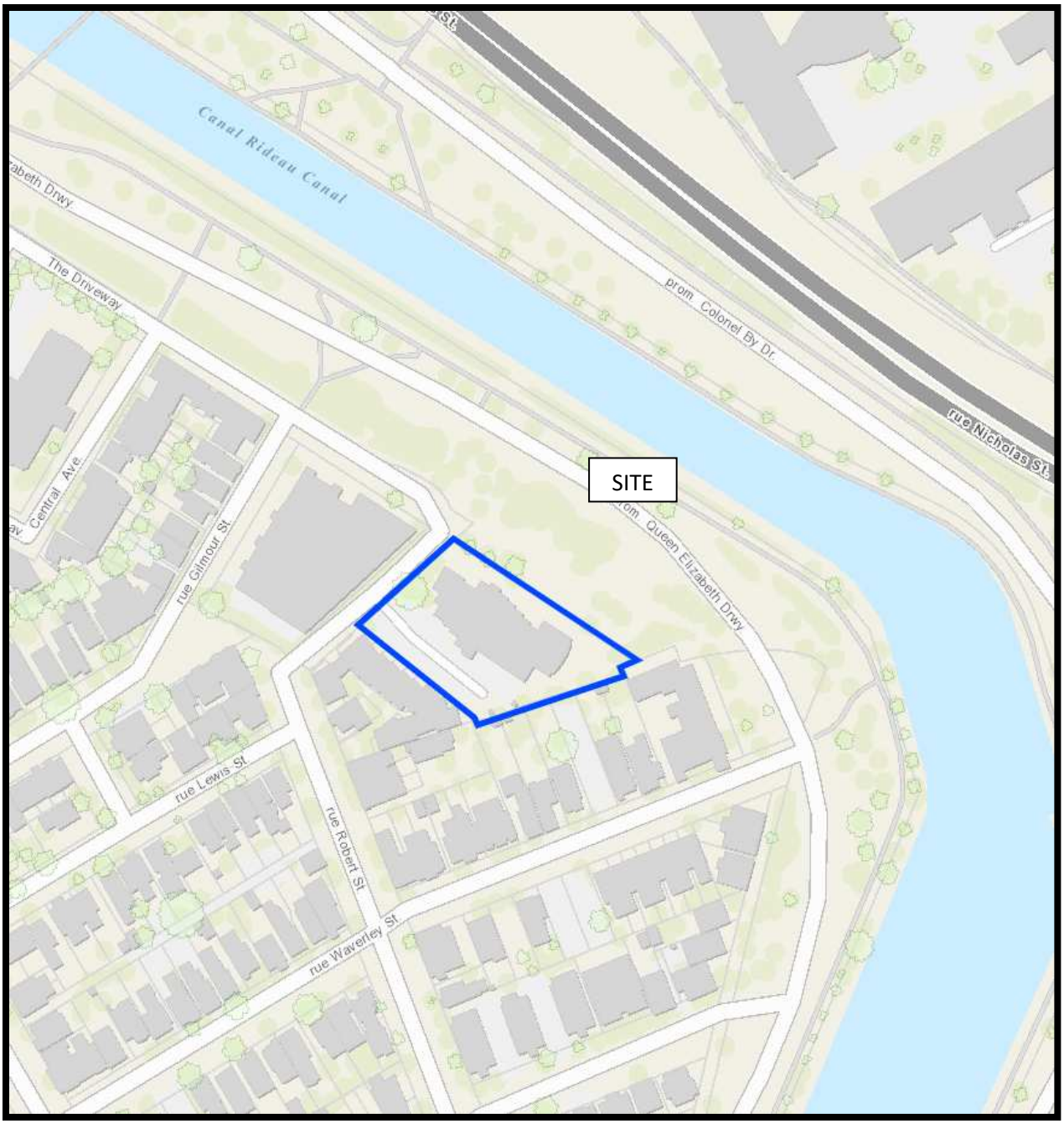


FIGURE 1

KEY PLAN

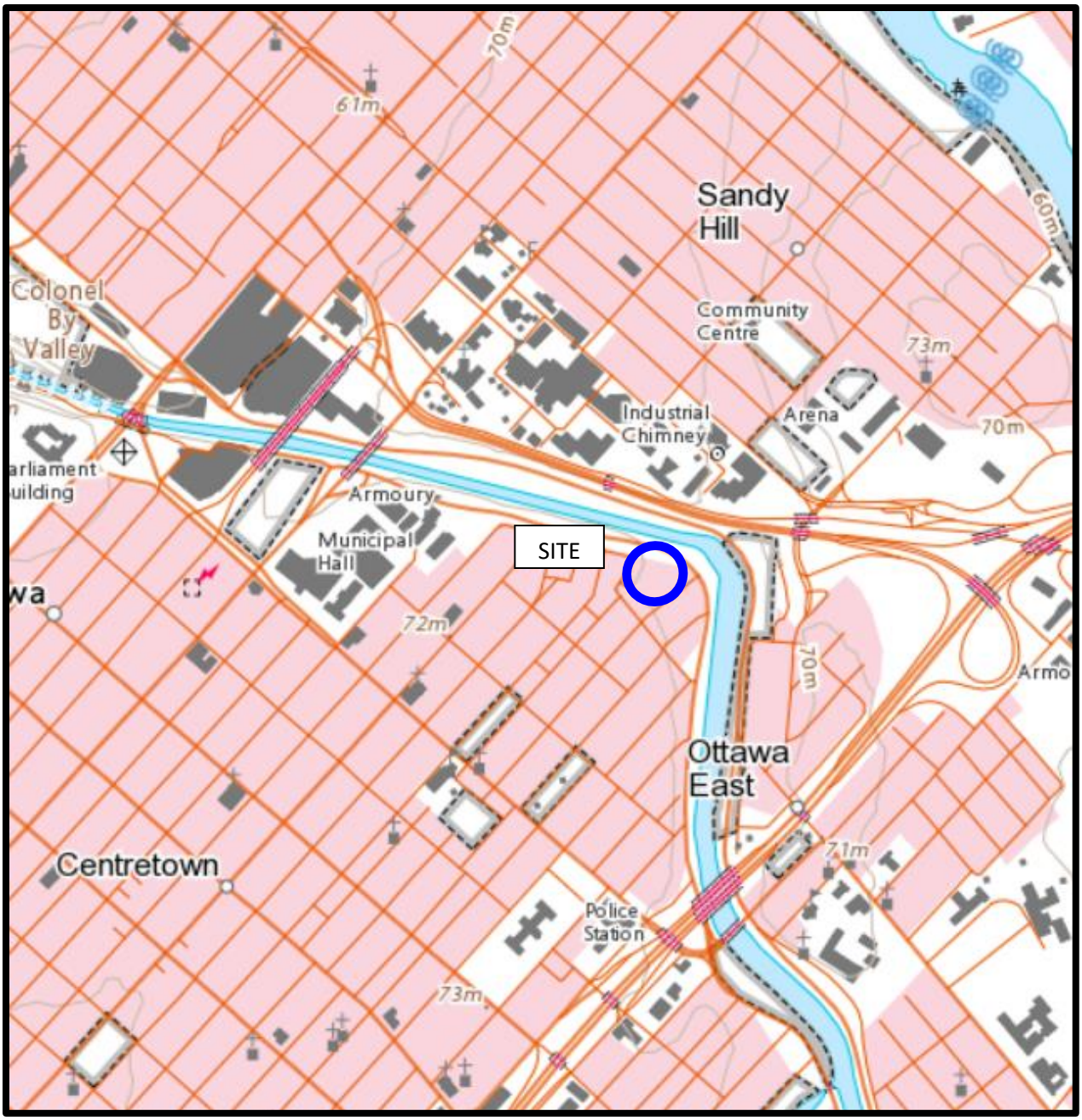
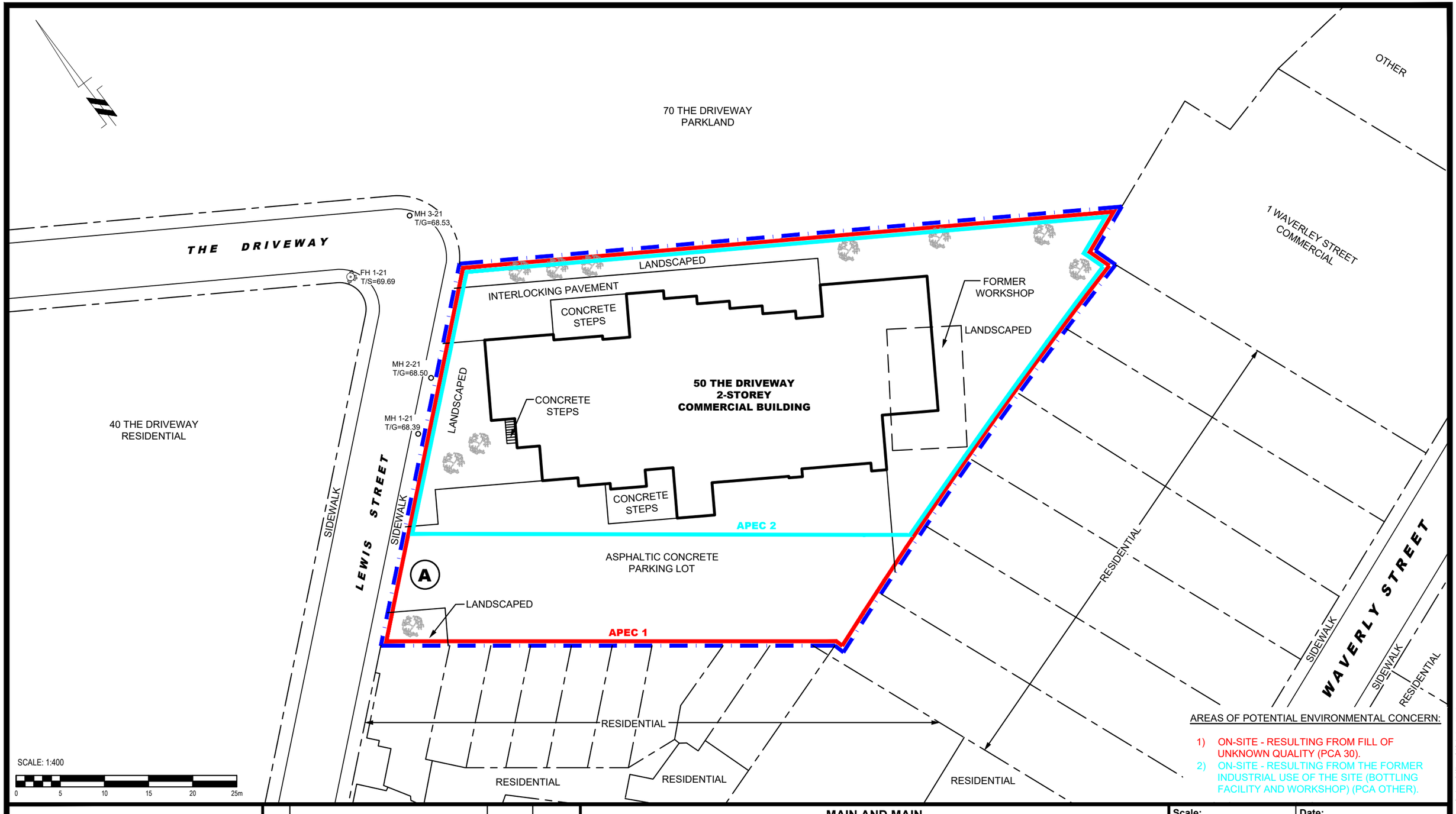


FIGURE 2

TOPOGRAPHIC MAP



patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

MAIN AND MAIN

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
50 THE DRIVEWAY

OTTAWA, ONTARIO

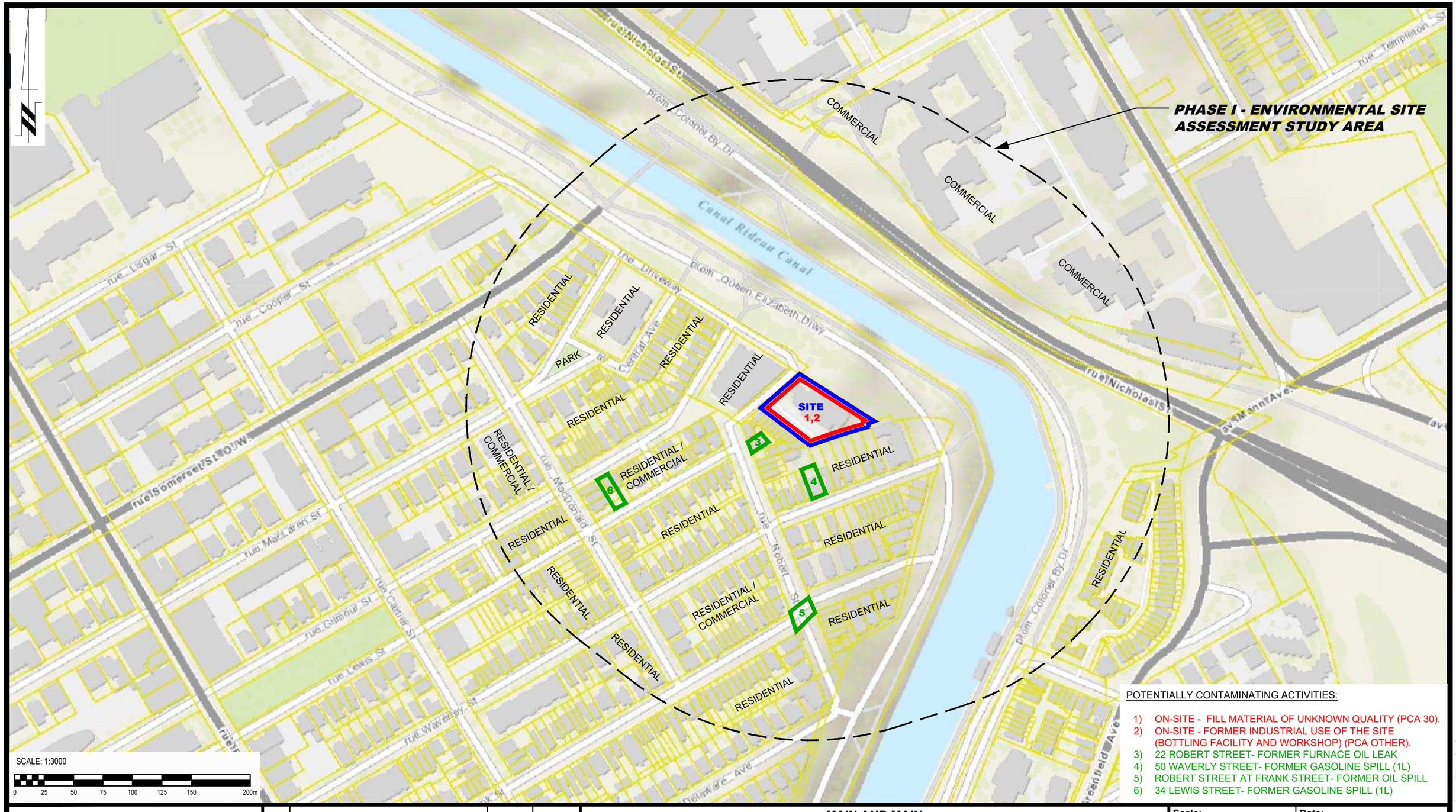
Title:

SITE PLAN

Scale: 1:400	**Date:** 07/2021
Drawn by: JM	**Report No.:** PE5340-1
Checked by: MW	**Dwg. No.:** PE5340-1
Approved by: MSD	**Revision No.:**

p:\autocad drawings\environmental\pe53xx\pe5340\pe5340-1 site plan.dwg

11x17



POTENTIALLY CONTAMINATING ACTIVITIES:

1) ON-SITE - FILL MATERIAL OF UNKNOWN QUALITY (PCA 30).
2) ON-SITE - FORMER INDUSTRIAL USE OF THE SITE (BOTTLING FACILITY AND WORKSHOP) (PCA OTHER).
3) 22 ROBERT STREET- FORMER FURNACE OIL LEAK
4) 50 WAVERLY STREET- FORMER GASOLINE SPILL (1L)
5) ROBERT STREET AT FRANK STREET- FORMER OIL SPILL
6) 34 LEWIS STREET- FORMER GASOLINE SPILL (1L)

patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

MAIN AND MAIN

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
50 THE DRIVEWAY

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale: 1:3000	Date: 07/2021
Drawn by: JM	Report No.: PE5340-1
Checked by: MW	Dwg. No.: PE5340-2
Approved by: MSD	Revision No.:

11x17

p:\autocad drawings\environmental\pe53xx\pe5340\pe5340-2 surrounding land use plan.dwg

APPENDIX 1

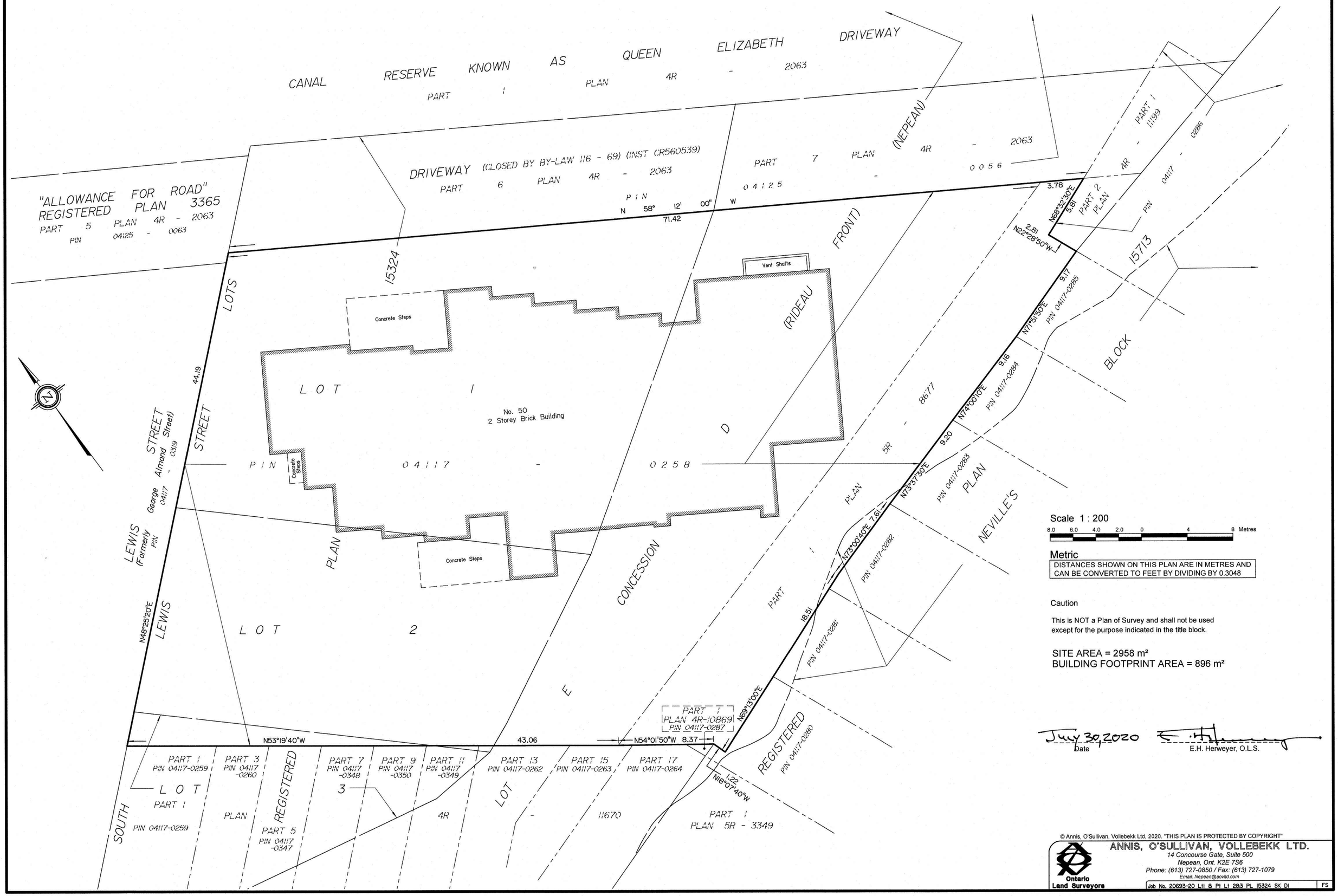
SURVEY PLAN

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS

SKETCH PREPARED FOR BUILDING DEMOLITION APPLICATION

50 THE DRIVEWAY
CITY OF OTTAWA
Prepared by Annis, O'Sullivan, Vollebekk Ltd.



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

Caution

This is NOT a Plan of Survey and shall not be used except for the purpose indicated in the title block.

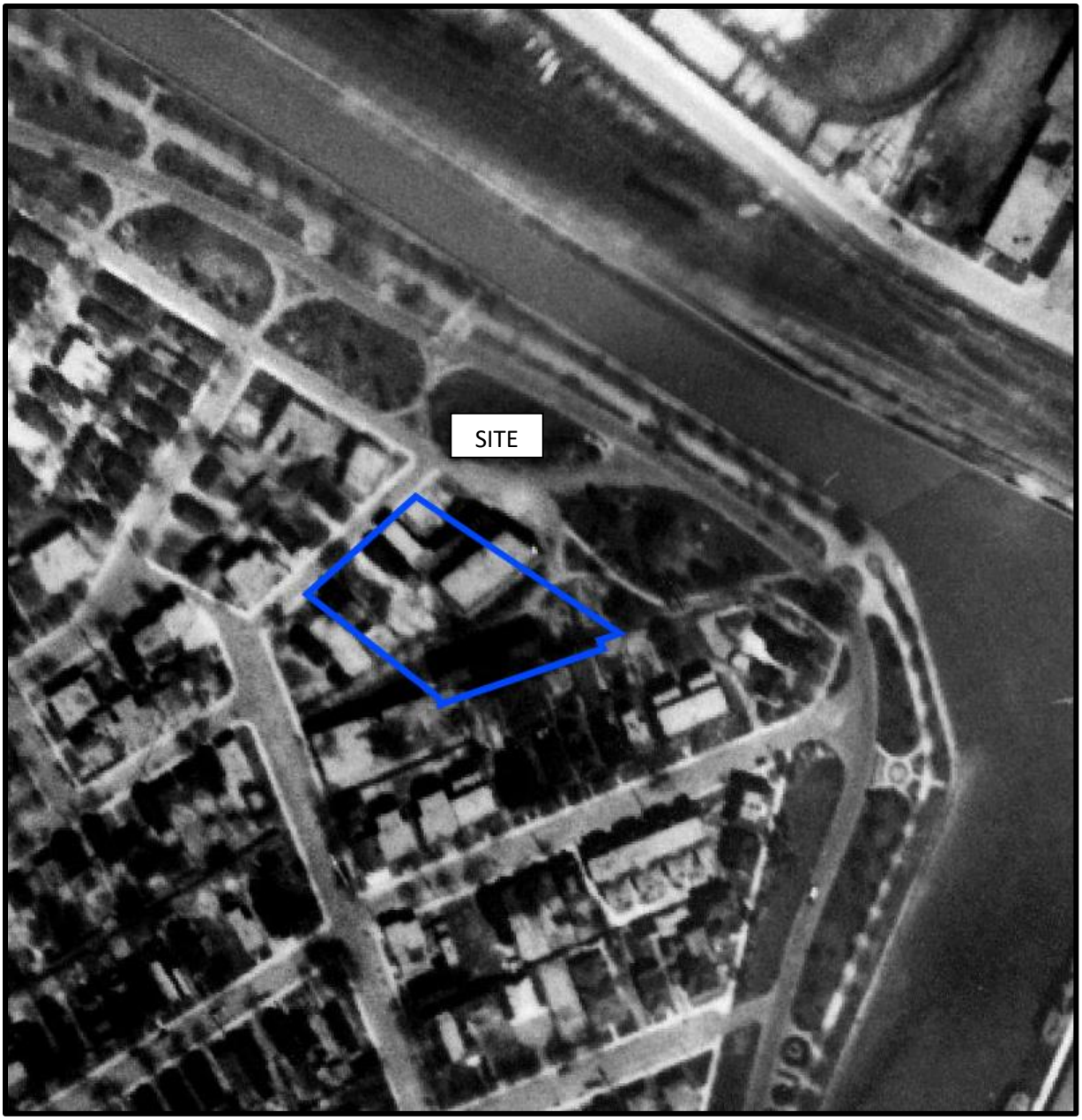
SITE AREA = 2958 m²
BUILDING FOOTPRINT AREA = 896 m²

July 30, 2020
Date

E.H. Herweyer, O.L.S.

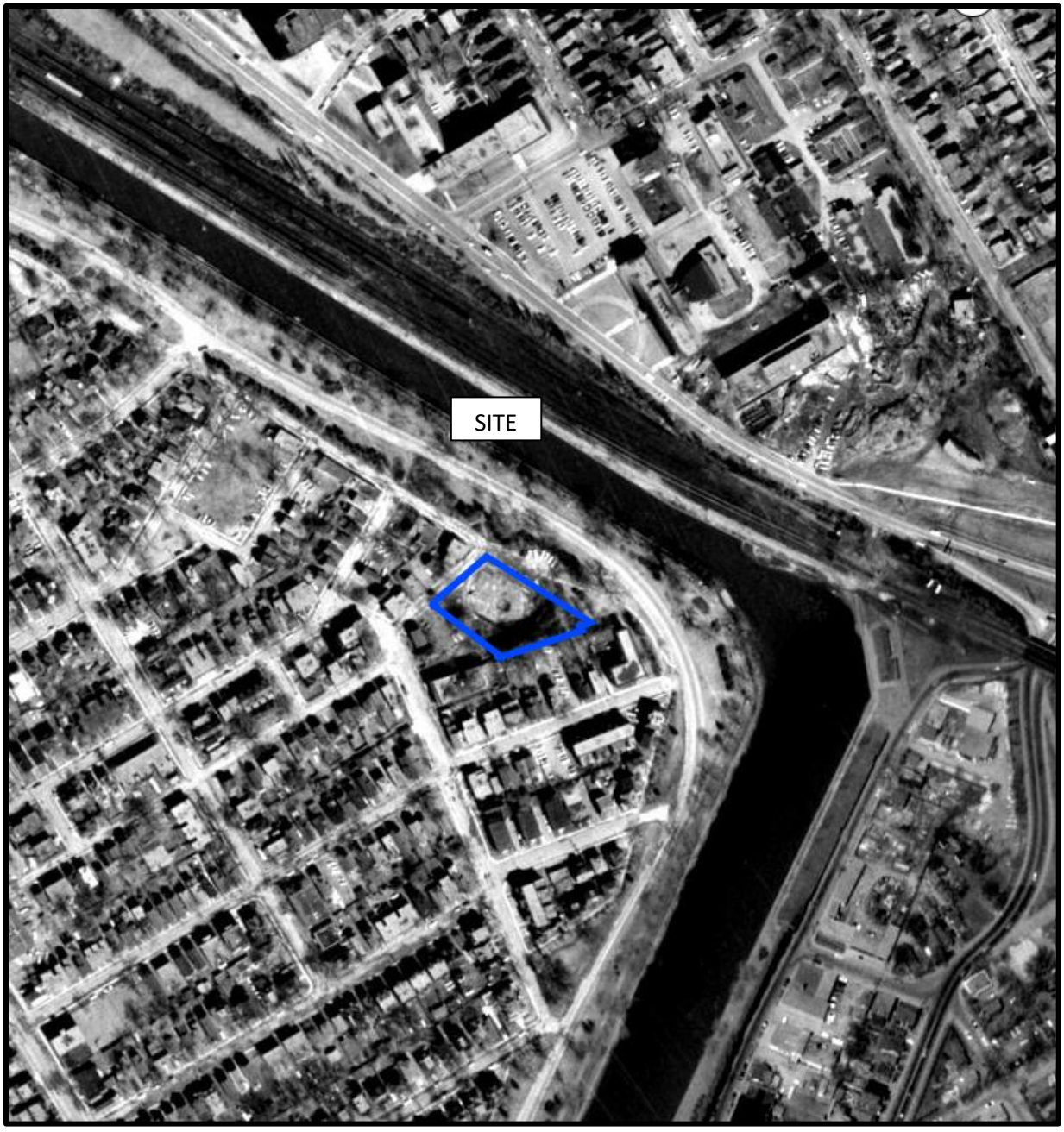
ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
14 Concourse Gate, Suite 500
Nepean, Ont. K2E 7S6
Phone: (613) 727-0850 / Fax: (613) 727-1079
Email: Nepean@aovltd.com
Ontario Land Surveyors

Job No. 20693-20 Lt1 & Pt Lt 2&3 PL 15324 SK D1 | FS



AERIAL PHOTOGRAPH
1928

AERIAL PHOTOGRAPH
1956



AERIAL PHOTOGRAPH
1965

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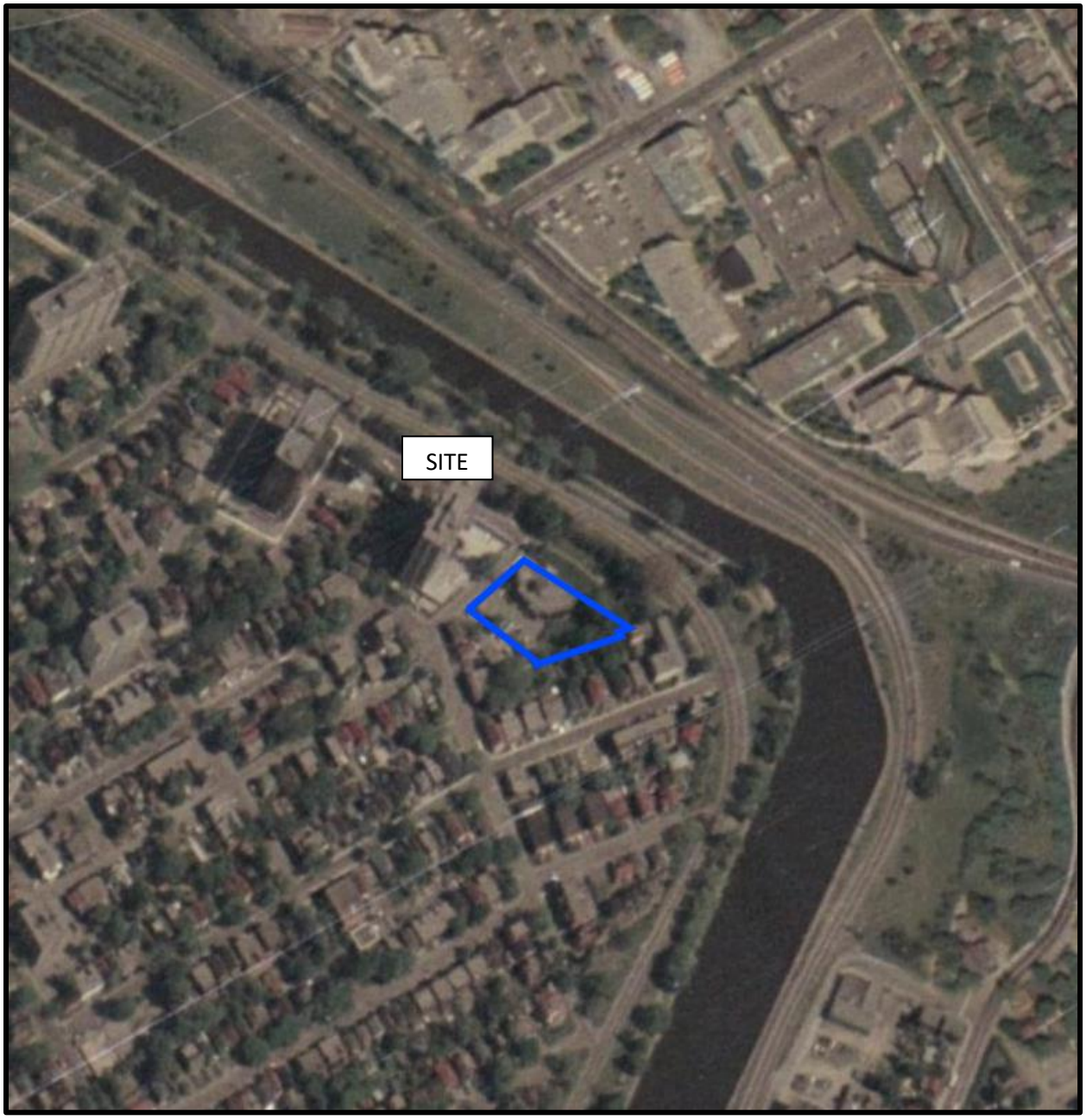
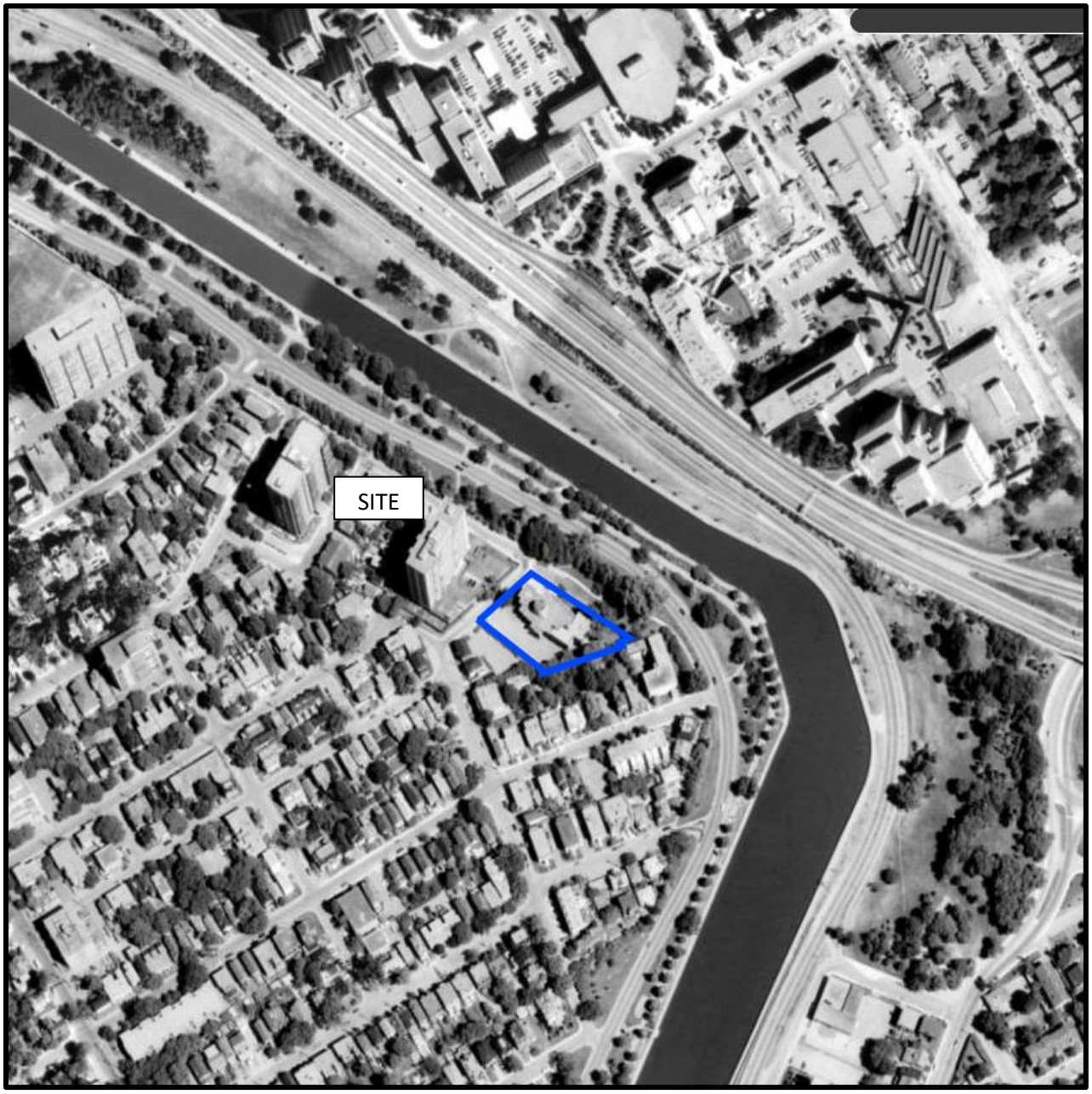
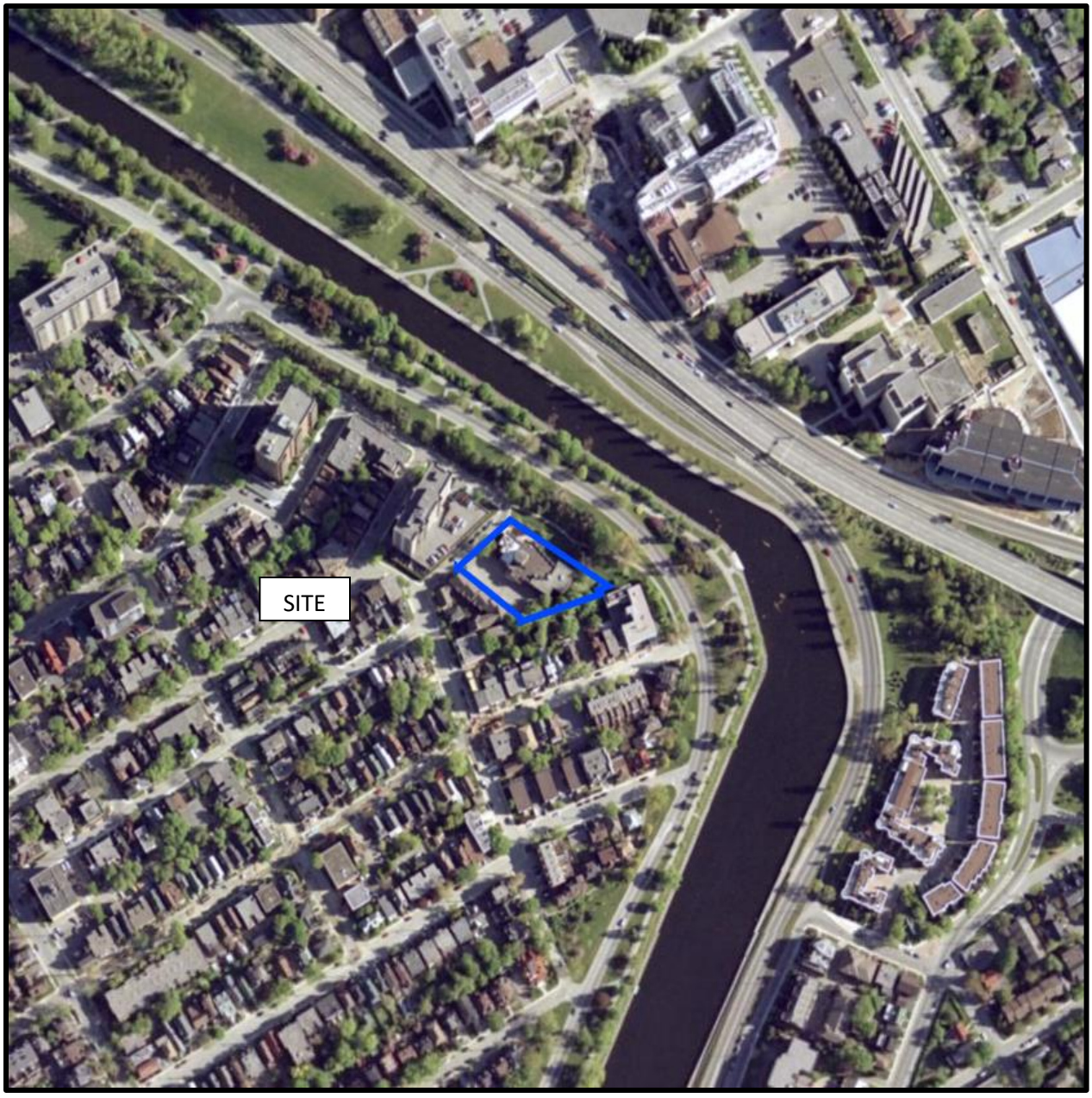


AERIAL PHOTOGRAPH
1975



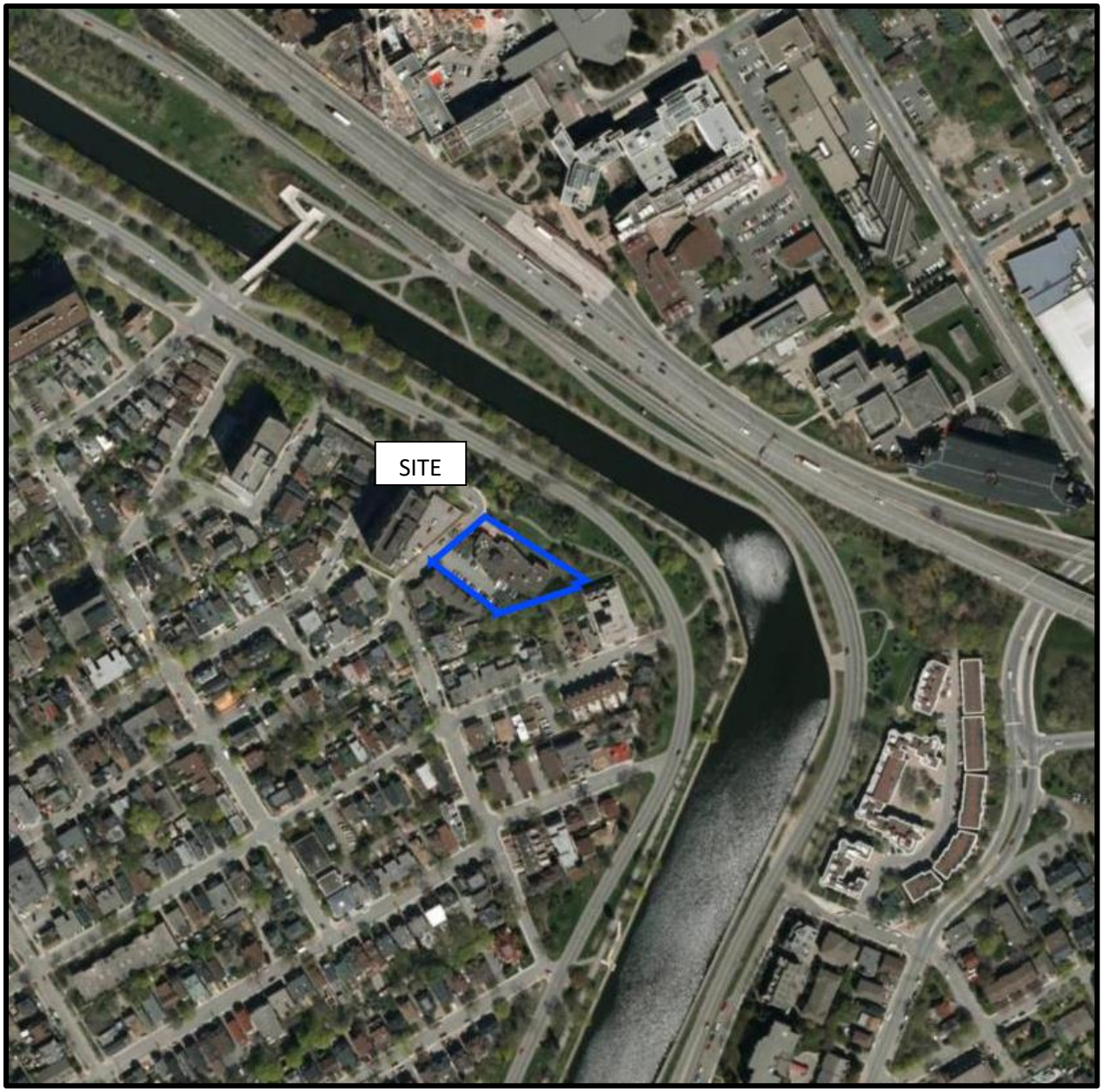
AERIAL PHOTOGRAPH
1991

patersongroup



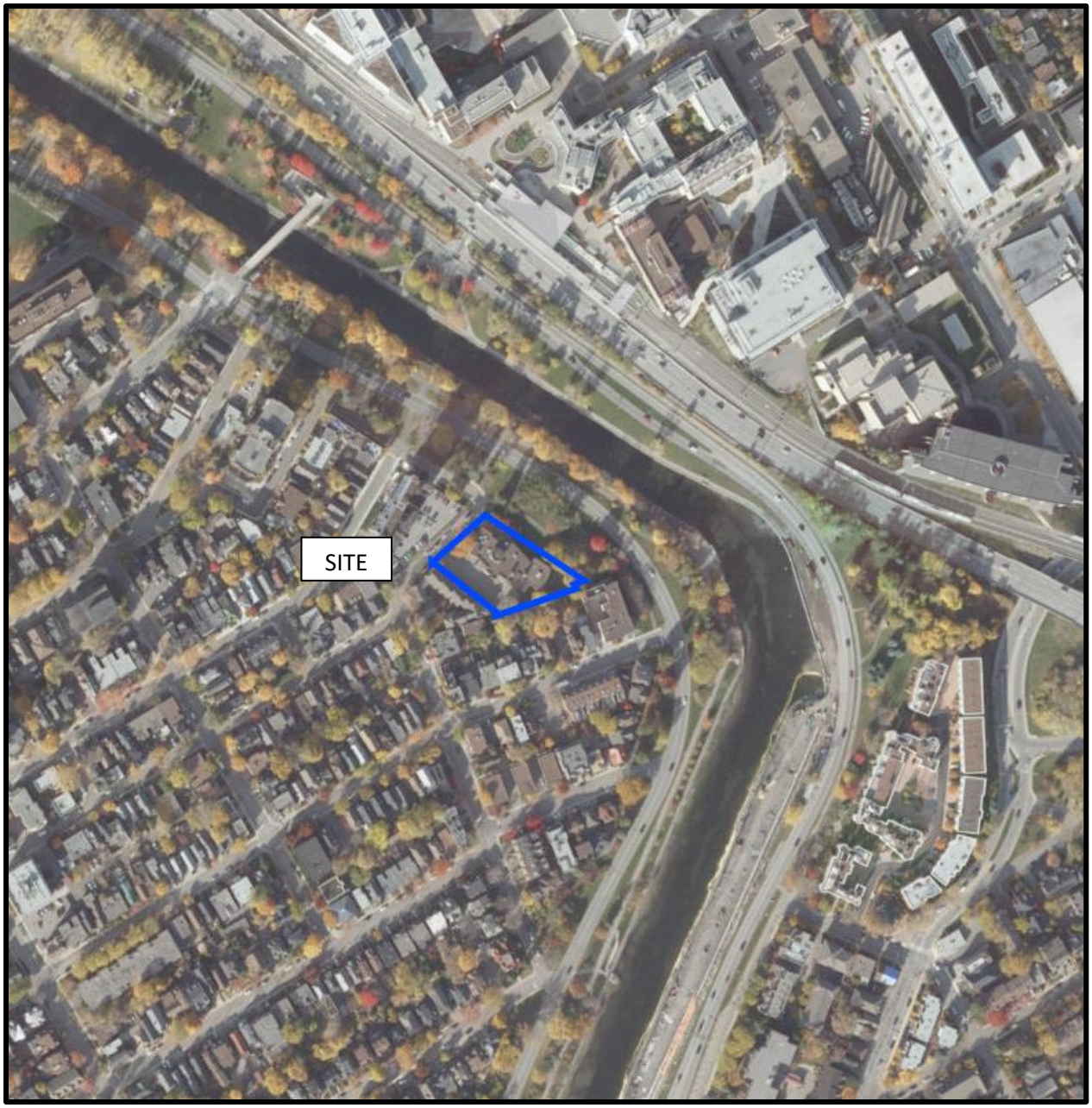
AERIAL PHOTOGRAPH
2002

patersongroup



AERIAL PHOTOGRAPH
2011

patersongroup



AERIAL PHOTOGRAPH
2019

patersongroup

APPENDIX 2

MECP FREEDOM OF INFORMATION

MECP WELL RECORDS

TSSA CORRESPONDENCE

HLUI RESPONSE

ERIS REPORT

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

12e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc.: (416) 314-4285

Ontario

June 4, 2021

Mandy Witteman
Paterson Group Inc.
154 Colonnade Road
Ottawa, ON K2E 7J5

Dear Mandy Witteman:

RE: ***Freedom of Information and Protection of Privacy Act*** **Request**
Our File # A-2021-02207, Your Reference PE5340

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of $5.00 (non-refundable application fee).

The search will be conducted on the following: 50 Driveway (The), Ottawa. If there is any discrepancy please contact us immediately.

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search and preparation time.

Due to the COVID-19 outbreak, requesters may experience some delays with FOI requests at this time.

If you have any questions regarding this matter, please contact Nasreen Salar at or nasreen.salar@ontario.ca.

Yours truly,

Original signed by

Noel Kent
Manager, Access and Privacy

Ontario

Map: Well records

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

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

Go Back to Map ()

Well ID

Well ID Number: 7245882
Well Audit Number: *Z180823*
Well Tag Number: *A172147*
This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	145 JEAN JACQUES LUSSIER PRIVATE
Township	NEPEAN TOWNSHIP

Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 446680.00 Northing: 5029818.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
	SAND	GRVL		0 m	1.07 m
BRWN	CLAY	WTHD		1.07 m	4.57 m
BRWN	CLAY			4.57 m	5.79 m
GREY	CLAY			5.79 m	8.73 m
GREY	SAND	SLTY	GRVL	8.73 m	13.92 m

GREY	SAND	SLTY	GRVL	13.92 m	15.34 m
GREY	LMSN	ROCK		15.34 m	17.07 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	5.4 m	HOLEPLUG	
17.07 m	10 m	HOLEPLUG	

Method of Construction & Well Use

Method of Construction	Well Use
Auger	
	Monitoring

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.25 cm	PLASTIC	0 m	5.7 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
	PLASTIC	8.9 m	5.7 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 6894

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind

Hole Diameter

Depth From	Depth To	Diameter

Audit Number: Z180823

Date Well Completed: February 10, 2015

Date Well Record Received by MOE: August 05, 2015

Updated: June 04, 2021
Published: April 16, 2021

Related

How to use a Ministry of the Environment map (/page/how-use-ministry-environment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Ontario

Map: Well records

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

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

Go Back to Map ()

Well ID

Well ID Number: 7251932
Well Audit Number: *Z203013*
Well Tag Number: *A193652*
This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	QUEEN ELIZABETH DRIVEWAY NEAR GILMOUR ST. DRIVE

Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 446544.00 Northing: 5029790.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	CLAY	SILT	HARD	0 m	3.5 m
GREY	CLAY	SOFT		3.5 m	17.7 m
GREY	GRVL	SAND	STNS	17.7 m	19.8 m
BRWN	SHLE	LYRD		19.8 m	24.3 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	6 m	CIMENT GROUT	

Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	
	Monitoring

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
15.55 cm	STEEL	0 m	19.8 m
15.55 cm	OPEN HOLE	19.8 m	24.3 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7417

Results of Well Yield Testing

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	
If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	N

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	

5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
20 m	Untested

Hole Diameter

Depth From	Depth To	Diameter
0 m	6 m	24.9 cm
6 m	24.3 m	15.55 cm

Audit Number: Z203013

Date Well Completed: October 02, 2015

Date Well Record Received by MOE: November 10, 2015

Updated: June 04, 2021
Published: April 16, 2021

Related

How to use a Ministry of the Environment map (/page/how-use-ministry-environment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Ontario

Map: Well records

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

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

Go Back to Map ()

Well ID

Well ID Number: 7251933
Well Audit Number: *Z203014*
Well Tag Number: *A193653*
This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	QUEEN ELIZABETH DRIVEWAY NEAR GILMOUR ST. & THE DRIVE WAY

Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 446529.00 Northing: 5029796.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	CLAY	SILT	HARD	0 m	3.4 m
GREY	CLAY	SOFT		3.4 m	18.1 m
GREY	GRVL	SAND	STNS	18.1 m	20.4 m
BRWN	SHLE	LYRD		20.4 m	24.9 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	6 m	CIMENT GROUT	

Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	
	Monitoring

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
13.55 cm	STEEL	0 m	20.4 m
15.55 cm	OPEN HOLE	20.4 m	24.9 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7417

Results of Well Yield Testing

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	
If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	N

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	

5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
20 m	Untested

Hole Diameter

Depth From	Depth To	Diameter
0 m	6 m	24.9 cm
6 m	24.9 m	15.55 cm

Audit Number: Z203014

Date Well Completed: October 02, 2015

Date Well Record Received by MOE: November 10, 2015

Updated: June 04, 2021
Published: April 16, 2021

Related

How to use a Ministry of the Environment map (/page/how-use-ministry-environment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Stay at home except for essential travel and follow the **restrictions and public health measures (https://covid-19.ontario.ca/zones-and-restrictions)**.

Ontario

Map: Well records

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

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

Go Back to Map ()

Well ID

Well ID Number: 7267437
Well Audit Number: *Z226224*
Well Tag Number: *A184835*
This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	UNIVERSITY OF OTTAWA
Township	OTTAWA CITY

Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 446759.00 Northing: 5029824.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	FILL	GRVL	PCKD	0 m	5 m
BRWN	CLAY	SILT	SOFT	5 m	20 m
GREY	CLAY	SILT	SOFT	20 m	30 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	1 m	CONCRETE/FLUSHMOUNT	
1 m	19 m	BENTONITE	

19 m	30 m	SAND

Method of Construction & Well Use

Method of Construction	Well Use
Auger	
	Monitoring and Test Hole

Status of Well

Monitoring and Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.5 cm	PLASTIC	0 m	20 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
	PLASTIC	20 m	30 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	

15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind

Hole Diameter

Depth From	Depth To	Diameter
0 m	30 m	6 cm

Audit Number: Z226224

Date Well Completed: June 01, 2016

Date Well Record Received by MOE: July 21, 2016

Updated: June 04, 2021
Published: April 16, 2021

Related

How to use a Ministry of the Environment map (/page/how-use-ministry-environment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Ontario

Map: Well records

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

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

Go Back to Map ()

Well ID

Well ID Number: 7293188
Well Audit Number: *Z258423*
Well Tag Number: *A189903*
This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	ECHO DRIVE
Township	OTTAWA CITY

Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 446710.00 Northing: 5029712.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	GRVL	SAND	PCKD	0 m	.8 m
GREY	CLAY	SILT	SOFT	.8 m	4 m
GREY	CLAY	SILT	SOFT	4 m	6.2 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	FLUSHMOUNT/ CONCRETE	
.31 m	2.79 m	BENTONITE	

2.79 m	6.2 m	SAND

Method of Construction & Well Use

Method of Construction	Well Use
Rotary (Convent.)	Monitoring
	Test Hole

Status of Well

Monitoring and Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	3.1 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	3.1 m	6.2 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	

15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind

Hole Diameter

Depth From	Depth To	Diameter
0 m	6.2 m	20.23 cm

Audit Number: Z258423

Date Well Completed: June 19, 2017

Date Well Record Received by MOE: August 18, 2017

Updated: June 04, 2021
Published: April 16, 2021

Related

How to use a Ministry of the Environment map (/page/how-use-ministry-environment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Ontario — Ministry of the Environment and Climate Change

Measurements recorded in: [X] Metric [ ] Imperial

Well Tag No. (Place Sticker and/or Print Below) **Tag #: A166310**

Well Record

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Well Owner's Information

First Name / Last Name / Organization: CITY OF OTTAWA % GREENBELT CONSTRUCTION | E-mail Address: | [ ] Well Constructed by Well Owner

Mailing Address (Street Number/Name): 3151 ALBION ROAD | Municipality: OTTAWA | Province: ON | Postal Code: K1X 0A5 | Telephone No. (inc. area code): (613) 822-1064

Well Location

Address of Well Location (Street Number/Name): CENTRAL AVE & THE DRIVEWAY | Township: N/A | Lot: N/A | Concession: N/A

County/District/Municipality: OTTAWA | City/Town/Village: OTTAWA | Province: Ontario | Postal Code:

UTM Coordinates Zone, Easting, Northing: NAD 83 18 446483 5029806 | Municipal Plan and Sublot Number: | Other: INJECTION WELL 1

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
GREY-GREY/BLUE	CLAY			0.00	19.70
GREY	TILL	SAND, BOULDERS		19.70	23.88
BLACK	SHALE			23.88	29.28

*FALLING HEAD TEST

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0.00	24.28	Bentonite grout/Volclay Seal	0.80

Results of Well ~~Yield~~ Testing

After test of well yield, water was: [ ] Clear and sand free [ ] Other, specify: N/A.

If pumping discontinued, give reason: Insufficient Supply

Pump intake set at (m/ft): N/A

Pumping rate (l/min / GPM): N/A

Duration of pumping: hrs + min: N/A

Final water level end of pumping (m/ft): N/A

If flowing give rate (l/min / GPM): N/A

Recommended pump depth (m/ft): N/A

Recommended pump rate (l/min / GPM): N/A

Well production (l/min / GPM): N/A

Disinfected? [ ] Yes [X] No

Draw Down Time (min)	Water Level (m/ft)	Recovery Time (min)	Water Level (m/ft)
Static Level	10.55		
1	+40L	1	8.66
2	injection	2	8.66
3	water	3	8.665
4	(1 min)	4	8.675
5		5	8.685
10		10	8.735
15		15	8.78
20		20	8.82
25		25	8.85
30		30	8.88
40		40	8.95
50		50	9.01
60		60	9.06

Method of Construction

[X] Cable Tool [ ] Rotary (Conventional) [ ] Rotary (Reverse) [ ] Boring [ ] Air percussion [ ] Other, specify [ ] Diamond [ ] Jetting [ ] Driving [ ] Digging

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
15.88	Steel A589	VAB	+0.73	24.28

Status of Well

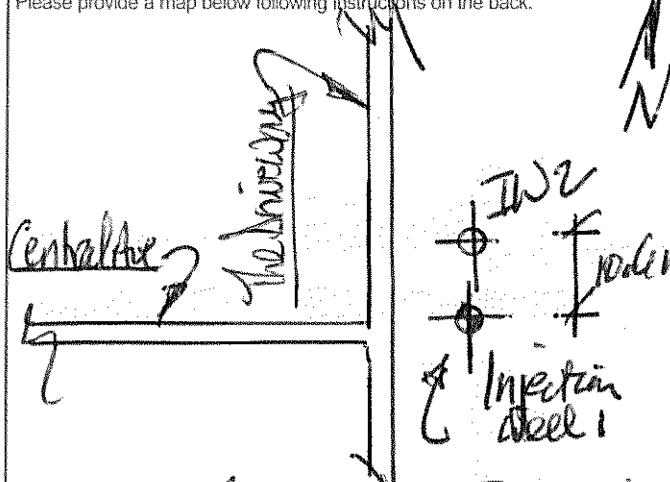
[ ] Water Supply [ ] Replacement Well [X] Test Hole [X] Recharge Well [ ] Dewatering Well [ ] Observation and/or Monitoring Hole [ ] Alteration (Construction) [ ] Abandoned, Insufficient Supply [ ] Abandoned, Poor Water Quality [ ] Abandoned, other, specify [ ] Other, specify

Construction Record - Screen N/A.

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

Map of Well Location

Please provide a map below following instructions on the back.



Water Details

Water found at Depth: 24.3 to 24.5 (m/ft) [ ] Gas | Kind of Water: [ ] Fresh [X] Untested [ ] Other, specify

Water found at Depth: (m/ft) [ ] Gas | Kind of Water: [ ] Fresh [ ] Untested [ ] Other, specify

Water found at Depth: (m/ft) [ ] Gas | Kind of Water: [ ] Fresh [ ] Untested [ ] Other, specify

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
24.28	29.28	15.97

Well Contractor and Well Technician Information

Business Name of Well Contractor: STANTON DRILLING INC | Well Contractor's Licence No.: 4875

Business Address (Street Number/Name): 157 FIVE ARCHES DR, BOX 219 | Municipality: PAKENHAM

Province: ON | Postal Code: K0A 2X0 | Business E-mail Address: stanton.drilling@bell.net

Bus. Telephone No. (inc. area code): (613) 624-5622 | Name of Well Technician (Last Name, First Name): STANTON, PETER

Well Technician's Licence No.: 0086 | Signature of Technician and/or Contractor: [signature] | Date Submitted: 20160324

Comments: IW1 (K = 1.8 × 10⁻⁷ m/sec) *FALLING HEAD TEST

Well owner's information package delivered: [ ] Yes [X] No | Date Package Delivered: | Date Work Completed: 20160319

Ministry Use Only — Audit No. Z220172 — Received JUN 14 2016

0506E (2014/11) Ministry's Copy

Ontario — Ministry of the Environment and Climate Change

Measurements recorded in: [X] Metric [ ] Imperial

Well Tag No. *(Place Sticker and/or Print Below)*
Tag #: A166309

Well Record

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	
CITY OF OTTAWA	C/O GREENBELT CONSTRUCTION		[ ] Well Constructed by Well Owner

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
5151 ALBION ROAD	OTTAWA	ON	K1X0A5	(613) 822-1064

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
CENTRAL AVE + TREE DRIVEWAY.	N/A	N/A	N/A.

County/District/Municipality	City/Town/Village	Province	Postal Code
OTTAWA.	OTTAWA.	Ontario	

UTM Coordinates NAD 83	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
	18	446446	5029819		INJECTION WELL (2)

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
LT-BRN/TAN	CLAY.			0.00	11.52
GREY	TILL			11.52	23.57
BLACK.	SHALE			23.57	24.59

* FALLING HEAD TEST *

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0.00	23.57	Bentonite grout Volclay Sealant	.80

Method of Construction

[X] Cable Tool [ ] Rotary (Conventional) [ ] Rotary (Reverse) [ ] Boring [ ] Air percussion [ ] Other, specify
[ ] Diamond [ ] Jetting [ ] Driving [ ] Digging

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
15.88	STEEL/ASTM	0.48	+0.18	23.57

Status of Well

[ ] Water Supply
[ ] Replacement Well
[X] Test Hole
[X] Recharge Well *
[ ] Dewatering Well
[ ] Observation and/or Monitoring Hole
[ ] Alteration (Construction)
[ ] Abandoned, Insufficient Supply *
[ ] Abandoned, Poor Water Quality
[ ] Abandoned, other, specify
[ ] Other, specify

Construction Record - Screen N/A.

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

Water Details

Water found at Depth (m/ft)	Kind of Water: [ ] Fresh [X] Untested [ ] Gas [ ] Other, specify
23.57	
Water found at Depth (m/ft)	Kind of Water: [ ] Fresh [ ] Untested [ ] Gas [ ] Other, specify
Water found at Depth (m/ft)	Kind of Water: [ ] Fresh [ ] Untested [ ] Gas [ ] Other, specify

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
23.57	24.59	15.24

Results of Well Yield Testing

After test of well yield, water was: [ ] Clear and sand free [ ] Other, specify N/A

If pumping discontinued, give reason: Insufficient supply

Pump intake set at (m/ft) N/A

Pumping rate (l/min / GPM) N/A

Duration of pumping ___ hrs + ___ min

Final water level end of pumping (m/ft) N/A.

If flowing give rate (l/min / GPM) N/A.

Recommended pump depth (m/ft) N/A

Recommended pump rate (l/min / GPM) N/A

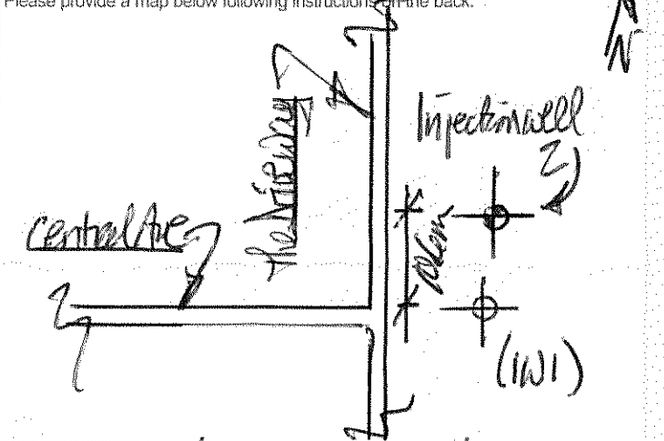
Well production (l/min / GPM) N/A.

Disinfected? [ ] Yes [X] No

	Draw Down Time (min)	Draw Down Water Level (m/ft)	Recovery Time (min)	Recovery Water Level (m/ft)
Static Level		10.73.		
* FALLING HEAD TEST *			1	8.94
		injection	2	8.99
		water	3	9.035
		(1 min)	4	9.08
			5	9.12
			10	9.30
			15	9.46
			20	9.60
			25	9.73
			30	9.83
			40	10.01
			50	10.15
			60	10.25

Map of Well Location

Please provide a map below following instructions on the back.



Comments: LOZ (K=8.1 x 10⁻⁷ m/sec)
* FALLING HEAD TEST *

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
STANTON DRILLING INC	4875

Business Address (Street Number/Name)	Municipality
157 FIVE MILE CHUTE RD, BOX 219	PLANTAGENET

Province	Postal Code	Business E-mail Address
ON	K0A2H0	stanton.drilling@bell.net

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
(613) 673-4622	STANTON, DEREK

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
0086		2016/03/21.

Well owner's information package delivered	Date Package Delivered	Date Work Completed
[ ] Yes [X] No		2016/03/19

Ministry Use Only
Audit No. Z 220171
JUN 14 2016
Received

Ontario — Ministry of the Environment and Climate Change

Measurements recorded in: [X] Metric ☐ Imperial

Well Tag No. *(Place Sticker and/or Print Below)*

Well Record

Regulation 903 Ontario Water Resources Act

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
	CITY OF OTTAWA (C/O GREENFIELD CONSTRUCTION)		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
5151 ALBION ROAD	OTTAWA	ON	[illegible]	[illegible]

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
QUEEN ELIZABETH DRIVEWAY	N/A	N/A	N/A

County/District/Municipality	City/Town/Village	Province	Postal Code
CITY OF OTTAWA	OTTAWA	Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	446527	5029812	(Waterdecover North) GPS.	

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
WELL#	DIAMETER	STATIC WATER (AV)		DEPTH	
RW-1	203 mm	14.2 ±		-14.2	25.7
RW-2	203 mm.	" ±		-14.1	25.5
15-201	152 mm.	9.55.		-14.1	24.9

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
See table above		Cement grout (RW) & Bentonite/plug grout (15-201).	0.55

Method of Construction

[X] Cable Tool ☐ Diamond [X] Rotary (Conventional) ☐ Jetting ☐ Rotary (Reverse) ☐ Driving ☐ Boring ☐ Digging ☐ Air percussion ☐ Other, *specify*

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To

Status of Well

☐ Water Supply ☐ Replacement Well ☐ Test Hole ☐ Recharge Well [X] Dewatering Well [X] Observation and/or Monitoring Hole ☐ Alteration (Construction) ☐ Abandoned, Insufficient Supply ☐ Abandoned, Poor Water Quality [X] Abandoned, other, *specify* Finish Construction Nov/2016 ☐ Other, *specify*

Construction Record - Screen

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

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping ___ hrs + ___ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected? [X] Yes ☐ No

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

Water Details

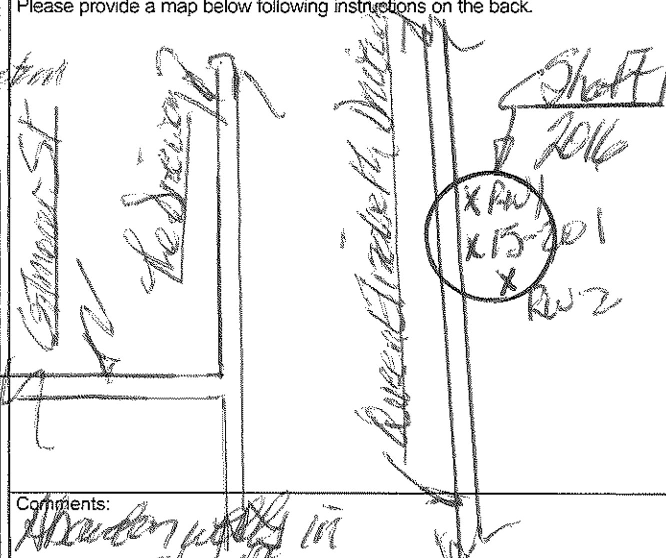
Water found at Depth	Kind of Water
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify*
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify*
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify*

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
See table above.		

Map of Well Location

Please provide a map below following instructions on the back.



Comments: Abandon wells in shaft

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
STANTON DRILLING INC	4 [illegible]

Business Address (Street Number/Name)	Municipality
BOX 219, OT FIVE ACRES DR	PAKENHAM

Province	Postal Code	Business E-mail Address
ON	[illegible]	[illegible]

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
[illegible]	STANTON, PETER

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
[illegible]	[signature]	2016/12/05

Well owner's information package delivered ☐ Yes [X] No

Date Package Delivered Y Y Y Y M M D D

Date Work Completed 2016/11/30

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Measurements recorded in: ☒ Metric ☐ Imperial

Well Tag No. *(Place Sticker and/or Print Below)*

Well Record

Regulation 903 Ontario Water Resources Act

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
	CITY OF OTTAWA / 90 GREENBELT CONSTRUCTION		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
501 ALBION ROAD	OTTAWA	ON	K1X 1A5 [illegible]	(613) [illegible]

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
CENTRAL AVE & THE DRIVEWAY.	N/A	N/A	N/A.

County/District/Municipality	City/Town/Village	Province	Postal Code
CITY OF OTTAWA.	OTTAWA	Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 8 3	See table below				15W5-5013.

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

General Colour	Most Common Material		Other Materials	General Description		Depth (m/ft) From	To
WELL #	DIAMETER	STATIC WATER LEVEL	GPS NORTHING	GPS EASTING	TAG.	DEPTH.	
IW-1	152mm Ø	9.98 m	5029806N	18 444[illegible]E	A[illegible]310	0.90	21.3
IW-2	"	10.[illegible] m	502[illegible]N	18 444[illegible]E	A[illegible]309	0.90	21.2
IW-3	"	10.[illegible]	502[illegible]N	18 444[illegible]E	N/A	0.90	2[illegible].9
15-101(A)	32mm Ø	8.6[illegible] m	5029[illegible]N	18 444[illegible]E	N/A	0.[illegible]	[illegible].9
15-101(B)	32mm Ø	9.6[illegible] m	"	"	"	0.00	20.9

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
See table above		Bentonite grout Holeplug & Holeplug	1.89 m³

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping ___ hrs + ___ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected? ☒ Yes ☐ No

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

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To

Construction Record - Screen

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

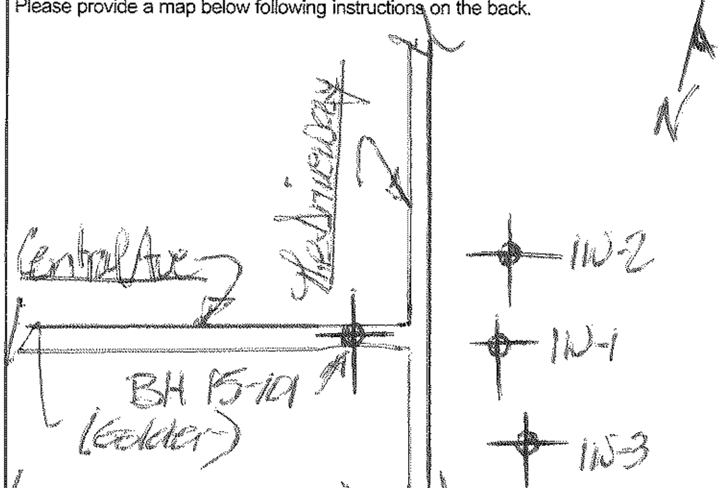
Status of Well

☐ Water Supply
☐ Replacement Well
☐ Test Hole
☐ Recharge Well
☐ Dewatering Well
☐ Observation and/or Monitoring Hole
☐ Alteration (Construction)
☐ Abandoned, Insufficient Supply
☐ Abandoned, Poor Water Quality
☒ Abandoned, other, specify Construction
☐ Other, specify

Nov/2016

Map of Well Location

Please provide a map below following instructions on the back.



Water Details

Water found at Depth	Kind of Water
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, specify
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, specify
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, specify

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
See table above		

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
STANTON DRILLING INC	4[illegible]

Business Address (Street Number/Name)	Municipality
BOX 2[illegible], 157 [illegible] DRIVE	PAKENHAM

Province	Postal Code	Business E-mail Address
ON	K0A [illegible]	stanton.drilling@bell.net

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
(613) [illegible]	STANTON, PETER

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
[illegible]	[signature]	[illegible]

Comments: Abandoned wells November 2016

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☒ No	N/A	2016 / 11 / [illegible]

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Audit No. Z220191

Received JAN 10 2017

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Mandy Witteman

From: Public Information Services <publicinformationservices@tssa.org>
Sent: June 9, 2021 11:05 AM
To: Mandy Witteman
Subject: RE: Search records Request (PE5340)

Follow Up Flag: Follow up
Flag Status: Flagged

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

NO RECORD FOUND

Hello Mandy,

Thank you for your request for confirmation of public information.

- We confirm that there are no records in our database of any fuel storage tanks at the subject addresses:

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

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

Kind regards,

Saara

Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Mandy Witteman <MWitteman@Patersongroup.ca>
Sent: June 9, 2021 10:44 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Search records Request (PE5340)

Good Morning,

Could you please complete a search of your records for **underground/aboveground storage tanks, historical spills or other incidents/infractions** for the following addresses in **Ottawa, ON:**

The Driveway: 50, 40
Waverley St: 23, 27, 31, 35, 39 and 41

Thank you

Cheers,

Mandy Witteman, B.Eng., M.A.Sc.

patersongroup

solution oriented engineering
over 60 years servicing our clients

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel: (613) 226-7381 Ext. 339
Cell: (403) 921-1157

Office Use Only			
Application Number:	Ward Number:	Application Received: (dd/mm/yyyy):	
Client Service Centre Staff:		Fee Received:	$

Historic Land Use Inventory

Application Form

Notice of Public Record

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

Municipal Freedom of Information and Protection Act

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

Background Information

***Site Address or Location:** *50 The Driveway, Ottawa ON*

** Mandatory Field*

Applicant/Agent Information:

Name:	*Mandy Witteman*		
Mailing Address:	*154 Colonnade Road SouthOttawa, Ontario, K2E 7J5*		
Telephone:	*403-921-1157*	Email Address:	*MWitteman@Patersongroup.ca*

Registered Property Owner Information: ☐ Same as above

Name:	*Main and Main (Emily Roukhkian)*		
Mailing Address:			
Telephone:		Email Address:	*emily@mainandmain.ca*

Site Details

Legal Description and PIN:

What is the land currently used for? *Commerical*

Lot frontage: ____ m Lot depth: ____ m Lot area: ____ m²

OR Lot area: (irregular lot) 3000 m²

Does the site have Full Municipal Services: (•) Yes ( ) No

Required Fees

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

Planning Fee $128.00

Submittal Requirements

The following are required to be submitted with this application:

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

Disclaimer
For use with HLUI Database

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

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

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.

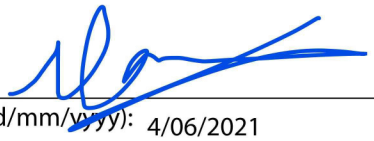
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.

4. Copyright is reserved to the City.

5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.

6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.

7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed: 

Dated (dd/mm/yyyy): 4/06/2021

Per: Mandy Witteman
(Please print name)

Title: Environmental Consultant

Company: Paterson Group Inc.

patersongroup Consulting Engineers

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

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science
Archaeological Services

www.patersongroup.ca

June 4, 2021
File: PE5340-HLUI

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

Subject: **Authorization Letter, HLUI Search**
Phase I-Environmental Site Assessment
50 The Driveway, Ottawa, ON

Dear Sir

Please consider this letter as confirmation that Paterson Group has been retained to conduct a Phase I-Environmental Site Assessment at the aforementioned property.

With this letter, the property owner authorizes the City of Ottawa and other regulatory bodies to release, to Paterson Group, information requested for the purpose of completing an environmental assessment of the property.

Name of Company/Property Owner:	Canadian Nurses Association
Name of Representative	Donna Dewar
Signature of Representative	
Date	June 4, 2021

DATABASE REPORT

Project Property:	*PE5340 - 50 The Driveway* *PE5340 - 50 The Driveway* *Ottawa ON K2P 1E2*
Project No:	*31989*
Report Type:	*Standard Report*
Order No:	*21060400051*
Requested by:	*Paterson Group Inc.*
Date Completed:	*June 9, 2021*

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

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Executive Summary

Property Information:

Project Property:	*PE5340 - 50 The Driveway* *PE5340 - 50 The Driveway Ottawa ON K2P 1E2*
Project No:	*31989*

Coordinates:

Latitude:	*45.4187745*
Longitude:	*-75.6826444*
UTM Northing:	*5,029,699.28*
UTM Easting:	*446,590.56*
UTM Zone:	*18T*

Elevation:	*224 FT* *68.40 M*

Order Information:

Order No:	*21060400051*
Date Requested:	*June 4, 2021*
Requested by:	*Paterson Group Inc.*
Report Type:	*Standard Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	2	5	7
CA	Certificates of Approval	Y	0	13	13
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	3	3
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	9	9
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	4	8	12
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	2	2
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	5	4	9
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	6	6
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	1	1
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	4	4
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
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	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	2	1	3
SPL	Ontario Spills	Y	0	7	7
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	11	11
	Total:		13	74	87

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	GEN	CANADIAN NURSES ASSOCIATION	50 THE DRIVEWAY OTTAWA ON K2P 1E2	-/0.0	-2.57	27
1	GEN	CANADIAN NURSES ASSOCIATION 08-471	50 THE DRIVEWAY OTTAWA ON K2P 1E2	-/0.0	-2.57	27
1	GEN	NURSES ASSOCIATION	50 DRIVE WAY OTTAWA ON K2P 1E2	-/0.0	-2.57	27
1	GEN	NURSES ASSOCIATION 00-000	50 DRIVE WAY OTTAWA ON K2P 1E2	-/0.0	-2.57	27
1	GEN	Canadian Nurses Association	50 Driveway Ottawa ON K2P 1E2	-/0.0	-2.57	28
1	SCT	Canadian Nurses Association	50 Driveway Ottawa ON K2P 1E2	-/0.0	-2.57	28
1	SCT	Canadian Nurses Association	50 Driveway (The) Suite 1 Ottawa ON K2P 1E2	-/0.0	-2.57	28
1	EHS		50 The Driveway Ottawa ON K2P 1E2	-/0.0	-2.57	28
1	EHS		50 The Driveway Ottawa ON K2P 1E2	-/0.0	-2.57	29

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		50 The Driveway Ottawa ON K2P 1E2	-/0.0	-2.57	29
1	EHS		50 The Driveway Ottawa ON K2P 1E2	-/0.0	-2.57	29
2	BORE		ON	WSW/12.2	-2.57	29
3	BORE		ON	E/20.3	-5.70	31

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	BORE		ON	WNW/37.7	-2.22	33
5	GEN	Commvesco Levinson-Viner Group	150 The Driveway Ottawa ON K2P 1E7	NW/40.7	-2.22	35
6	EHS		40 The Driveway Ottawa, ON	WNW/64.2	-0.71	35
7	BORE		ON	ENE/66.0	-13.15	35
8	SPL	SHELL CANADA PRODUCTS LTD.	22 ROBERT ST. TANK TRUCK (CARGO) GLOUCESTER CITY ON	WSW/67.4	1.44	37
9	EHS		40 The Driveway Ottawa ON K2P2C9	WNW/69.3	-0.51	37
10	CA	CORNERSTONE SQUARE INC.	LEWIS ST./ROBERT ST. (SWM) OTTAWA CITY ON	W/72.7	1.44	37
11	BORE		ON	ESE/75.2	-7.17	38
12	ECA	Conti Corporation	61 Waverly Street Ottawa ON K2P 0X2	SSW/89.5	0.01	39
13	CA	Waverly & Robert St. Semi-Detached Developments	61 Waverly Street Ottawa ON	SSW/90.0	1.17	39
14	FCS	Confederation Park	Ottawa ON	NNW/96.8	-11.82	40
15	WWIS		QUEEN ELIZABETH DRIVEWAY NEAR GILMOUR ST. DRIVE OTTAWA ON	NW/102.0	-11.82	46

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7251932			
16	HINC		50 WAVERLY STREET OTTAWA ON	S/108.6	-1.42	49
17	BORE		ON	ENE/110.0	-2.53	50
18	PINC	OTTAWA GREENBELT CONSTRUCTION LTD	11 GILMOUR ST,,OTTAWA,ON,K2P 0N1, CA ON	WNW/113.6	-0.53	51
18	SPL	Enbridge Gas Distribution Inc.	11 Gilmour Street Ottawa ON K2P 0N1	WNW/113.6	-0.53	52
19	WWIS		QUEEN ELIZABETH DRIVEWAY NEAR GILMOUR ST. & THE DRIVE WAY OTTAWA ON ***Well ID:*** 7251933	NW/114.7	-13.71	52
20	WWIS		ECHO DRIVE Ottawa ON ***Well ID:*** 7293188	E/120.1	-4.85	56
21	CA	ROUTEBURN HOLDINGS LTD.	LOTS 21&22,30 THE DRIVEWAY,SWM OTTAWA CITY ON K2P 1C9	WNW/125.3	-0.53	59
22	WWIS		QUEEN ELIZABETH DRIVEWAY OTTAWA ON ***Well ID:*** 7278706	NW/129.4	-7.34	59
23	HINC		15 FRANK STREET OTTAWA ON	S/131.6	-1.20	60
23	HINC		15 FRANK STREET OTTAWA ON	S/131.6	-1.20	61
23	EHS		15 Frank Street Ottawa ON K2P	S/131.6	-1.20	61
23	EHS		15 Frank Street Ottawa ON K2P	S/131.6	-1.20	62
23	EHS		15 Frank Street Ottawa ON K2P	S/131.6	-1.20	62

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
23	EHS		15 Frank Street Ottawa ON K2P	S/131.6	-1.20	62
23	EHS		15 Frank Street Ottawa ON K2P	S/131.6	-1.20	62
24	FCS	Colonel By Drive/Rideau Canal	Ottawa ON	NE/138.5	1.90	62
25	WWIS		145 JEAN JACQUES LUSSIER PRIVATE OTTAWA ON ***Well ID:*** 7245882	NE/148.6	2.11	68
26	WWIS		CENTRAL AVE + THE DRIVEWAY OTTAWA ON ***Well ID:*** 7264662	NW/151.5	-14.46	72
26	WWIS		CETNRAL AVE & THE DRIVEWAY OTTAWA ON ***Well ID:*** 7278707	NW/151.5	-14.46	77
27	SPL	TRANSPORT TRUCK	FRANK ST && ROBERT ST MOTOR VEHICLE (OPERATING FLUID) OTTAWA ON	S/168.1	0.80	78
28	SPL		Robert St and Frank St Ottawa ON	S/168.1	0.80	79
29	HINC		56 ROBERT STREET OTTAWA ON K2P 1G4	S/173.0	-1.60	79
30	CA	LISGAR SQUARE DEVELOPMENTS INC.	34-40 MACLAREN ST. (S.W. POND) OTTAWA CITY ON K2P 0K4	W/173.7	-0.14	80
31	SCT	IDON EAST Corporation	80 Waverley St Ottawa ON K2P 0V2	SW/176.1	3.46	80
32	HINC		34 LEWIS STREET OTTAWA ON K2P 0S3	WSW/178.1	3.17	80
33	WWIS		CENTRAL AVE + THE DRIVEWAY OTTAWA ON	WNW/187.7	-6.47	81

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7264663			
34	HINC		72 QUEEN ELIZABETH DRIVE OTTAWA ON	SSE/190.0	-5.60	85
35	PINC	PIPELINE HIT - 1/2"	67 GILMOUR STREET,,OTTAWA,ON,K2P 0N1,CA ON	W/202.8	1.14	86
35	SPL		67 Gilmour Street Ottawa ON	W/202.8	1.14	86
36	WWIS		UNIVERSITY OF OTTAWA OTTAWA ON ***Well ID:*** 7267437	ENE/209.6	0.95	87
37	GEN	OC Transpo	301 Nicholas Street Ottawa ON	N/209.9	3.56	90
37	GEN	City of Ottawa - OC TRANSPO	301 Nicholas Street Ottawa ON K1N 9A4	N/209.9	3.56	90
37	GEN	OLRT Constructors/Dragados/EllisDon Corp	301 Nicholas Street - uOttawa Station Ottawa ON K1N7B7	N/209.9	3.56	90
37	ECA	Dragados Canada, Inc., Ellis-Don Corporation, and SNC-Lavalin Constructors	(Pacific) Inc. 301 Nicholas St Ottawa ON K1Z 1G3	N/209.9	3.56	90
37	SPL	City of Ottawa	301 Nicholas st Ottawa ON	N/209.9	3.56	91
38	PINC	R W TOMLINSON LIMITED	71 GILMOUR ST,,OTTAWA,ON,K2P 0N1,CA ON	W/214.7	1.14	91
38	SPL		71 Gilmoure Street Ottawa ON	W/214.7	1.14	92
39	EHS		33 Maclaren St, Ottawa, ON Ottawa ON K2P 0K3	W/218.8	-0.49	92

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
40	WWIS		UNIVERSITY OF OTTAWA OTTAWA ON ***Well ID:*** 7267436	NE/218.9	2.45	92
41	CA	UNIVERSITY OF OTTAWA	140 LOUIS PASTEUR, MARION HALL OTTAWA CITY ON K1N 6N5	NE/220.7	2.93	95
41	CA	UNIVERSITY OF OTTAWA	140 LOUIS PASTEUR, CHEM. DEPT. OTTAWA CITY ON K1N 6N5	NE/220.7	2.93	96
41	CA	UNIVERSITY OF OTTAWA	140 LOUIS PASTEUR, MARION HALL OTTAWA CITY ON K1N 6N5	NE/220.7	2.93	96
41	CA	UNIVERSITY OF OTTAWA	140 LOUIS PASTEUR, MARION HALL OTTAWA CITY ON K1N 6N5	NE/220.7	2.93	96
41	EASR	UNIVERSITY OF OTTAWA / UNIVERSITE D'OTTAWA	140 LOUIS-PASTEUR PVT OTTAWA ON K1N 6N5	NE/220.7	2.93	96
41	PINC	PIPELINE HIT 1"	140 LOUIS-PASTEUR PVT (365 NICHOLAS ST),,OTTAWA,ON,K1N,CA ON	NE/220.7	2.93	97
42	CA	UNIVERSITY OF OTTAWA - SCIENCE RES. LAB.	10 MARIE CURIE OTTAWA CITY ON	NNE/222.7	2.75	97
42	CA	UNIVERSITY OF OTTAWA - SCIENCE BUILDING	10 MARIE CURIE OTTAWA CITY ON	NNE/222.7	2.75	98
42	INC		10 MARIE CURIE PRIVATE, OTTAWA ON	NNE/222.7	2.75	98
43	BORE		 ON	NE/229.0	2.47	98
44	CA		150 Louis Pasteur OTTAWA ON K1N 6N5	NE/235.5	2.47	101
44	ECA	University of Ottawa	150 Louis Pasteur Ottawa ON	NE/235.5	2.47	101

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
44	EASR	PCL CONSTRUCTORS CANADA INC	150 LOUIS-PASTEUR PVT OTTAWA ON K1N 6N5	NE/235.5	2.47	101
44	ECA	University of Ottawa	150 Louis Pasteur Pvt Ottawa ON K1N 1E3	NE/235.5	2.47	101
44	ECA	University of Ottawa	150 Louis Pasteur Ottawa ON K1N 6N5	NE/235.5	2.47	102
44	ECA	University of Ottawa	150 Louis Pasteur Pvt Ottawa ON K1N 7B7	NE/235.5	2.47	102
44	EASR	UNIVERSITY OF OTTAWA / UNIVERSITE D'OTTAWA	150 Louis-Pasteur Ottawa ON K1N 6N5	NE/235.5	2.47	102
45	CA	Biology Building	20 Marie Curie Street Ottawa ON	NNE/243.0	2.47	102
45	ECA	University of Ottawa	20 Marie Curie St Ottawa ON K1N 6N5	NNE/243.0	2.47	103
46	WWIS		COLONEL BY DR. Ottawa ON ***Well ID:*** 7155886	E/244.5	0.26	103
47	CA	City of Ottawa	Delaware Avenue and Robert Street Ottawa ON	S/249.6	-5.89	106
47	ECA	City of Ottawa	Delaware Avenue and Robert St Ottawa ON K2G 6J8	S/249.6	-5.89	106
47	ECA	City of Ottawa	Delaware Avenue and Robert St Ottawa ON K2G 6J8	S/249.6	-5.89	107

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 7 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	NE	229.02	43

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	WSW	12.16	2
	ON	E	20.31	3
	ON	WNW	37.71	4
	ON	ENE	65.98	7
	ON	ESE	75.19	11
	ON	ENE	109.96	17

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 13 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
CORNERSTONE SQUARE INC.	LEWIS ST./ROBERT ST. (SWM) OTTAWA CITY ON	W	72.67	10
Waverly & Robert St. Semi-Detached Developments	61 Waverly Street Ottawa ON	SSW	90.02	13
UNIVERSITY OF OTTAWA	140 LOUIS PASTEUR, MARION HALL OTTAWA CITY ON K1N 6N5	NE	220.70	41
UNIVERSITY OF OTTAWA	140 LOUIS PASTEUR, MARION HALL OTTAWA CITY ON K1N 6N5	NE	220.70	41
UNIVERSITY OF OTTAWA	140 LOUIS PASTEUR, CHEM. DEPT. OTTAWA CITY ON K1N 6N5	NE	220.70	41
UNIVERSITY OF OTTAWA	140 LOUIS PASTEUR, MARION HALL OTTAWA CITY ON K1N 6N5	NE	220.70	41
UNIVERSITY OF OTTAWA - SCIENCE RES. LAB.	10 MARIE CURIE OTTAWA CITY ON	NNE	222.67	42
UNIVERSITY OF OTTAWA - SCIENCE BUILDING	10 MARIE CURIE OTTAWA CITY ON	NNE	222.67	42
	150 Louis Pasteur OTTAWA ON K1N 6N5	NE	235.50	44
Biology Building	20 Marie Curie Street Ottawa ON	NNE	243.04	45

Lower Elevation	Address	Direction	Distance (m)	Map Key
ROUTEBURN HOLDINGS LTD.	LOTS 21&22,30 THE DRIVEWAY, SWM OTTAWA CITY ON K2P 1C9	WNW	125.33	21

LISGAR SQUARE DEVELOPMENTS INC.	34-40 MACLAREN ST. (S.W. POND) OTTAWA CITY ON K2P 0K4	W	173.71	30
City of Ottawa	Delaware Avenue and Robert Street Ottawa ON	S	249.62	47

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Apr 30, 2021 has found that there are 3 EASR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
UNIVERSITY OF OTTAWA / UNIVERSITE D'OTTAWA	140 LOUIS-PASTEUR PVT OTTAWA ON K1N 6N5	NE	220.70	41
UNIVERSITY OF OTTAWA / UNIVERSITE D'OTTAWA	150 Louis-Pasteur Ottawa ON K1N 6N5	NE	235.50	44
PCL CONSTRUCTORS CANADA INC	150 LOUIS-PASTEUR PVT OTTAWA ON K1N 6N5	NE	235.50	44

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Apr 30, 2021 has found that there are 9 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Conti Corporation	61 Waverly Street Ottawa ON K2P 0X2	SSW	89.45	12
Dragados Canada, Inc., Ellis-Don Corporation, and SNC-Lavalin Constructors	(Pacific) Inc. 301 Nicholas St Ottawa ON K1Z 1G3	N	209.91	37
University of Ottawa	150 Louis Pasteur Ottawa ON	NE	235.50	44
University of Ottawa	150 Louis Pasteur Ottawa ON K1N 6N5	NE	235.50	44

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
University of Ottawa	150 Louis Pasteur Pvt Ottawa ON K1N 7B7	NE	235.50	44
University of Ottawa	150 Louis Pasteur Pvt Ottawa ON K1N 1E3	NE	235.50	44
University of Ottawa	20 Marie Curie St Ottawa ON K1N 6N5	NNE	243.04	45

Lower Elevation	Address	Direction	Distance (m)	Map Key
City of Ottawa	Delaware Avenue and Robert St Ottawa ON K2G 6J8	S	249.62	47
City of Ottawa	Delaware Avenue and Robert St Ottawa ON K2G 6J8	S	249.62	47

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 12 EHS site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	50 The Driveway Ottawa ON K2P 1E2	-	0.00	1
	50 The Driveway Ottawa ON K2P 1E2	-	0.00	1
	50 The Driveway Ottawa ON K2P 1E2	-	0.00	1
	50 The Driveway Ottawa ON K2P 1E2	-	0.00	1

40 The Driveway Ottawa, ON	WNW	64.19	6
40 The Driveway Ottawa ON K2P2C9	WNW	69.34	9
15 Frank Street Ottawa ON K2P	S	131.58	23
15 Frank Street Ottawa ON K2P	S	131.58	23
15 Frank Street Ottawa ON K2P	S	131.58	23
15 Frank Street Ottawa ON K2P	S	131.58	23
15 Frank Street Ottawa ON K2P	S	131.58	23
33 Maclaren St, Ottawa, ON Ottawa ON K2P 0K3	W	218.78	39

FCS - Contaminated Sites on Federal Land

A search of the FCS database, dated Jun 2000-Apr 2021 has found that there are 2 FCS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Colonel By Drive/Rideau Canal	Ottawa ON	NE	138.46	24

Lower Elevation	Address	Direction	Distance (m)	Map Key
Confederation Park	Ottawa ON	NNW	96.83	14

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2021 has found that there are 9 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
OC Transpo	301 Nicholas Street Ottawa ON	N	209.91	37
City of Ottawa - OC TRANSPO	301 Nicholas Street Ottawa ON K1N 9A4	N	209.91	37
OLRT Constructors/Dragados/EllisDon Corp	301 Nicholas Street - uOttawa Station Ottawa ON K1N7B7	N	209.91	37

Lower Elevation	Address	Direction	Distance (m)	Map Key
CANADIAN NURSES ASSOCIATION	50 THE DRIVEWAY OTTAWA ON K2P 1E2	-	0.00	1
CANADIAN NURSES ASSOCIATION 08-471	50 THE DRIVEWAY OTTAWA ON K2P 1E2	-	0.00	1
NURSES ASSOCIATION	50 DRIVE WAY OTTAWA ON K2P 1E2	-	0.00	1
NURSES ASSOCIATION 00-000	50 DRIVE WAY OTTAWA ON K2P 1E2	-	0.00	1
Canadian Nurses Association	50 Driveway Ottawa ON K2P 1E2	-	0.00	1
Commvesco Levinson-Viner Group	150 The Driveway Ottawa ON K2P 1E7	NW	40.74	5

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 6 HINC site(s) within approximately 0.25 kilometers of

the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	34 LEWIS STREET OTTAWA ON K2P 0S3	WSW	178.10	32

Lower Elevation	Address	Direction	Distance (m)	Map Key
	50 WAVERLY STREET OTTAWA ON	S	108.56	16
	15 FRANK STREET OTTAWA ON	S	131.58	23
	15 FRANK STREET OTTAWA ON	S	131.58	23
	56 ROBERT STREET OTTAWA ON K2P 1G4	S	173.04	29
	72 QUEEN ELIZABETH DRIVE OTTAWA ON	SSE	190.01	34

INC - Fuel Oil Spills and Leaks

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	10 MARIE CURIE PRIVATE, OTTAWA ON	NNE	222.67	42

PINC - Pipeline Incidents

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
PIPELINE HIT - 1/2"	67 GILMOUR STREET,,OTTAWA,ON, K2P 0N1,CA ON	W	202.76	35

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
R W TOMLINSON LIMITED	71 GILMOUR ST,,OTTAWA,ON,K2P 0N1,CA ON	W	214.73	38
PIPELINE HIT 1"	140 LOUIS-PASTEUR PVT (365 NICHOLAS ST),,OTTAWA,ON,K1N,CA ON	NE	220.70	41

Lower Elevation	Address	Direction	Distance (m)	Map Key
OTTAWA GREENBELT CONSTRUCTION LTD	11 GILMOUR ST,,OTTAWA,ON,K2P 0N1,CA ON	WNW	113.60	18

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 3 SCT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
IDON EAST Corporation	80 Waverley St Ottawa ON K2P 0V2	SW	176.07	31

Lower Elevation	Address	Direction	Distance (m)	Map Key
Canadian Nurses Association	50 Driveway Ottawa ON K2P 1E2	-	0.00	1
Canadian Nurses Association	50 Driveway (The) Suite 1 Ottawa ON K2P 1E2	-	0.00	1

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 7 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
SHELL CANADA PRODUCTS LTD.	22 ROBERT ST. TANK TRUCK (CARGO) GLOUCESTER CITY ON	WSW	67.44	8

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
TRANSPORT TRUCK	FRANK ST && ROBERT ST MOTOR VEHICLE (OPERATING FLUID) OTTAWA ON	S	168.12	27
	Robert St and Frank St Ottawa ON	S	168.13	28
	67 Gilmour Street Ottawa ON	W	202.76	35
City of Ottawa	301 Nicholas st Ottawa ON	N	209.91	37
	71 Gilmoure Street Ottawa ON	W	214.73	38

Lower Elevation	Address	Direction	Distance (m)	Map Key
Enbridge Gas Distribution Inc.	11 Gilmour Street Ottawa ON K2P 0N1	WNW	113.60	18

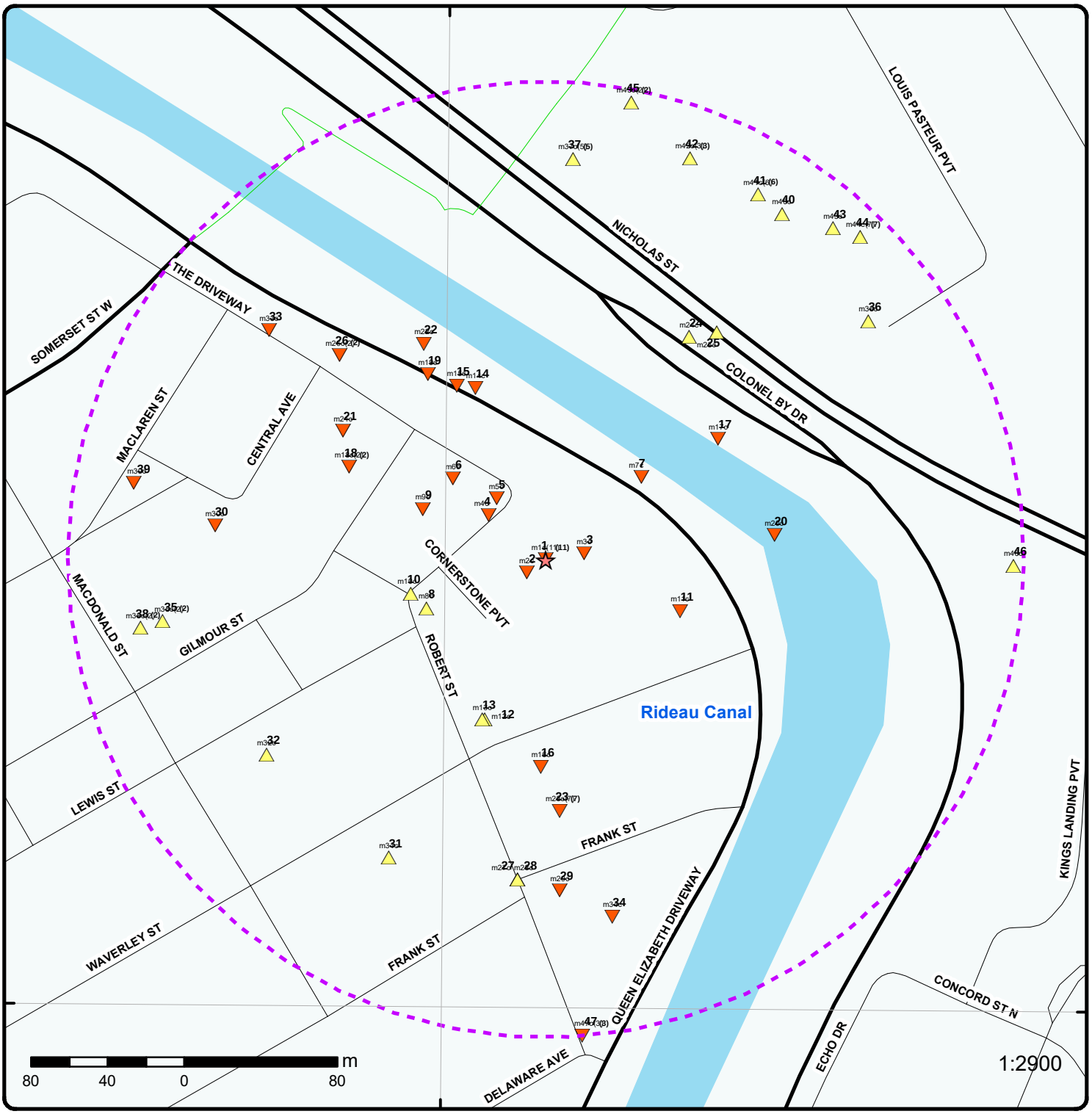
WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 11 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	145 JEAN JACQUES LUSSIER PRIVATE OTTAWA ON ***Well ID:*** 7245882	NE	148.64	25
	UNIVERSITY OF OTTAWA OTTAWA ON ***Well ID:*** 7267437	ENE	209.59	36
	UNIVERSITY OF OTTAWA OTTAWA ON ***Well ID:*** 7267436	NE	218.86	40

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	COLONEL BY DR. Ottawa ON ***Well ID:*** 7155886	E	244.46	46

Lower Elevation	Address	Direction	Distance (m)	Map Key
	QUEEN ELIZABETH DRIVEWAY NEAR GILMOUR ST. DRIVE OTTAWA ON ***Well ID:*** 7251932	NW	101.97	15
	QUEEN ELIZABETH DRIVEWAY NEAR GILMOUR ST. & THE DRIVE WAY OTTAWA ON ***Well ID:*** 7251933	NW	114.65	19
	ECHO DRIVE Ottawa ON ***Well ID:*** 7293188	E	120.11	20
	QUEEN ELIZABETH DRIVEWAY OTTAWA ON ***Well ID:*** 7278706	NW	129.41	22
	CENTRAL AVE + THE DRIVEWAY OTTAWA ON ***Well ID:*** 7264662	NW	151.53	26
	CETNRAL AVE & THE DRIVEWAY OTTAWA ON ***Well ID:*** 7278707	NW	151.53	26
	CENTRAL AVE + THE DRIVEWAY OTTAWA ON ***Well ID:*** 7264663	WNW	187.70	33



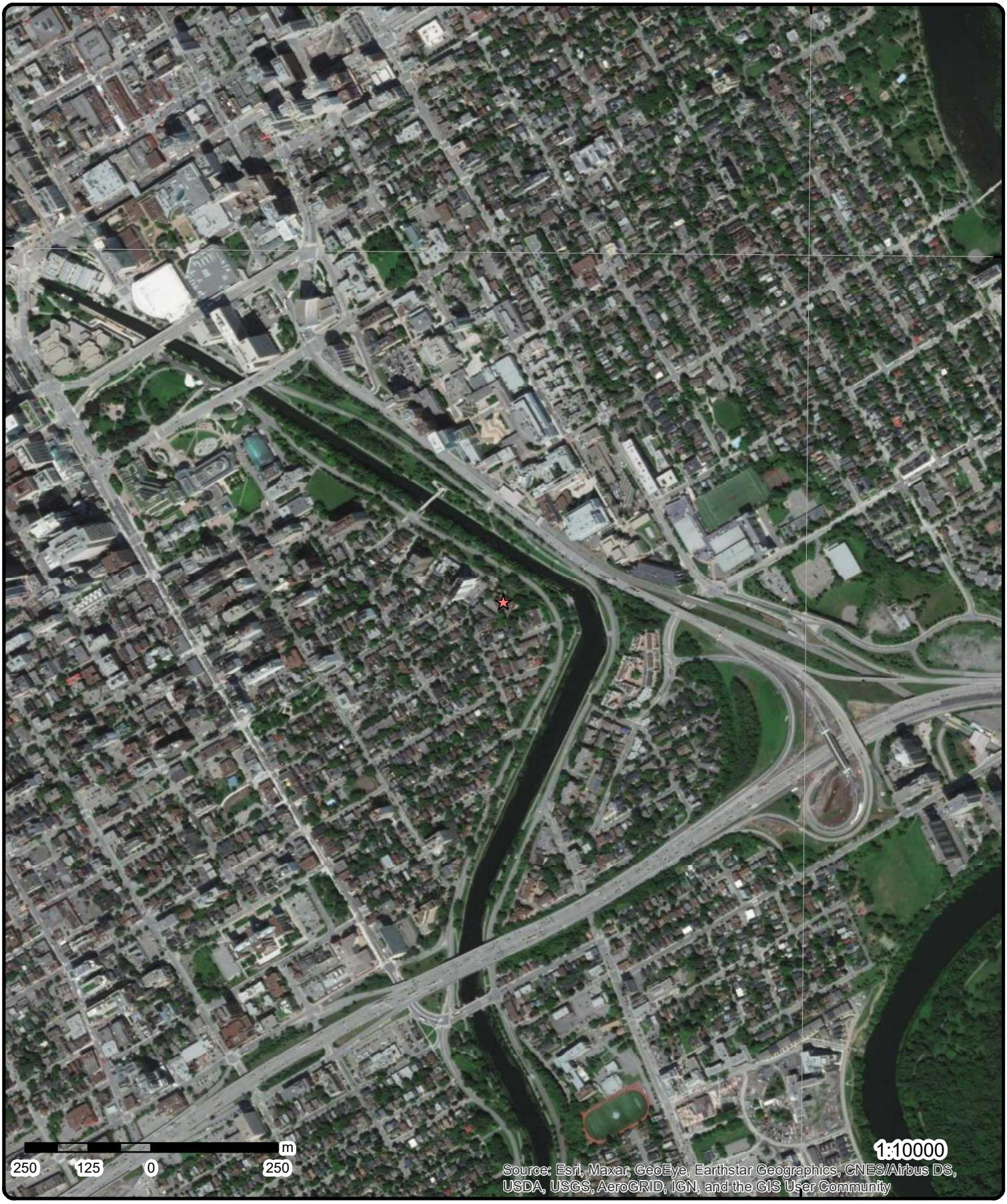
Map: 0.25 Kilometer Radius

Order Number: 21060400051

Address: PE5340 - 50 The Driveway, Ottawa, ON

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

Source: © 2015 DMTI Spatial Inc.



Aerial **Year: 2020**

Order Number: 21060400051

Address: PE5340 - 50 The Driveway, Ottawa, ON

Source: ESRI World Imagery

Topographic Map

Order Number: 21060400051

Address: PE5340 - 50 The Driveway, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 11	-/0.0	65.8 / -2.57	CANADIAN NURSES ASSOCIATION 50 THE DRIVEWAY OTTAWA ON K2P 1E2	GEN

Generator No: ON1097500
Status:
Approval Years: 88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 0000
SIC Description: *** NOT DEFINED ***

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 11	-/0.0	65.8 / -2.57	CANADIAN NURSES ASSOCIATION 08-471 50 THE DRIVEWAY OTTAWA ON K2P 1E2	GEN

Generator No: ON1097500
Status:
Approval Years: 92,93,94,95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 9831
SIC Description: PRO. HEALTH/SS. ASS.

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 11	-/0.0	65.8 / -2.57	NURSES ASSOCIATION 50 DRIVE WAY OTTAWA ON K2P 1E2	GEN

Generator No: ON1409900
Status:
Approval Years: 90
Contam. Facility:
MHSW Facility:
SIC Code: 0000
SIC Description: *** NOT DEFINED ***

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
1	4 of 11	-/0.0	65.8 / -2.57	NURSES ASSOCIATION 00-000 50 DRIVE WAY OTTAWA ON K2P 1E2	GEN

Generator No: ON1409900
Status:

PO Box No:
Country:

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

Approval Years: 92,93,94
Contam. Facility:
MHSW Facility:
SIC Code: 0000
SIC Description: *** NOT DEFINED ***
Choice of Contact:
Co Admin:
Phone No Admin:

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1 | ***5 of 11*** | ***-/0.0*** | ***65.8 / -2.57*** | ***Canadian Nurses Association***
50 Driveway
Ottawa ON K2P 1E2 | ***GEN***

Generator No: ON6325561
Status:
Approval Years: 02,03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 265
Waste Class Desc: GRAPHIC ART WASTES

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1 | ***6 of 11*** | ***-/0.0*** | ***65.8 / -2.57*** | ***Canadian Nurses Association***
50 Driveway
Ottawa ON K2P 1E2 | ***SCT***

Established:
Plant Size (ft²):
Employment: 80

--Details--
Description: Periodical Publishers
SIC/NAICS Code: 511120

Description: Professional Organizations
SIC/NAICS Code: 813920

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1 | ***7 of 11*** | ***-/0.0*** | ***65.8 / -2.57*** | ***Canadian Nurses Association***
50 Driveway (The) Suite 1
Ottawa ON K2P 1E2 | ***SCT***

Established: 01-DEC-08
Plant Size (ft²):
Employment:

--Details--
Description: Professional Organizations
SIC/NAICS Code: 813920

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1 | ***8 of 11*** | ***-/0.0*** | ***65.8 / -2.57*** | ***50 The Driveway***
Ottawa ON K2P 1E2 | ***EHS***

Order No: 20200612051
Status: C
Nearest Intersection:
Municipality:

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

Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	17-JUN-20	**Search Radius (km):**	.25
Date Received:	12-JUN-20	**X:**	-75.6826444
Previous Site Name:		**Y:**	45.4187745
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	9 of 11	-/0.0	65.8 / -2.57	50 The Driveway Ottawa ON K2P 1E2	EHS

Order No:	20200612051	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	17-JUN-20	**Search Radius (km):**	.25
Date Received:	12-JUN-20	**X:**	-75.6826444
Previous Site Name:		**Y:**	45.4187745
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	10 of 11	-/0.0	65.8 / -2.57	50 The Driveway Ottawa ON K2P 1E2	EHS

Order No:	20200612051	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	17-JUN-20	**Search Radius (km):**	.25
Date Received:	12-JUN-20	**X:**	-75.6826444
Previous Site Name:		**Y:**	45.4187745
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	11 of 11	-/0.0	65.8 / -2.57	50 The Driveway Ottawa ON K2P 1E2	EHS

Order No:	20200612051	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	17-JUN-20	**Search Radius (km):**	.25
Date Received:	12-JUN-20	**X:**	-75.6826444
Previous Site Name:		**Y:**	45.4187745
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	WSW/12.2	65.8 / -2.57	ON	BORE

Borehole ID:	613341	**Inclin FLG:**	No
OGF ID:	215514639	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	SEP-1933	**Municipality:**	
Static Water Level:	16.8	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.41871
Total Depth m:	-999	**Longitude DD:**	-75.68277
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	446581

Drill Method:		**Northing:**	5029692
Orig Ground Elev m:	68.6	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	68.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218394699	**Mat Consistency:**	Firm
Top Depth:	17.7	**Material Moisture:**	
Bottom Depth:	18.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. FIRM, WATER STABLE AT 170.0 FEET.		

Geology Stratum ID:	218394696	**Mat Consistency:**	Loose
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	fill
Gsc Material Description:			
Stratum Description:	FILL. LOOSE.		

Geology Stratum ID:	218394698	**Mat Consistency:**	Firm
Top Depth:	4.6	**Material Moisture:**	
Bottom Depth:	17.7	**Material Texture:**	
Material Color:	Blue	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. BLUE,FIRM.		

Geology Stratum ID:	218394697	**Mat Consistency:**	Firm
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	4.6	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. GREY,FIRM.		

Geology Stratum ID:	218394700	**Mat Consistency:**	Loose
Top Depth:	18.3	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND. LOOSE. FISSURED. CLAY. BROWN,GREY, STIFF TO VERY STIFF,FISSURED. CLAY. GREY,SOFT TO		

ST **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:	H	***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 058490 NTS_Sheet: 31G05G
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier:	1	***Horizontal Datum:***	NAD27
Source Type:	Data Survey	***Vertical Datum:***	Mean Average Sea Level
Source Date:	1956-1972	***Projection Name:***	Universal Transverse Mercator
Scale or Resolution:	Varies		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

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3 ***1 of 1*** ***E/20.3*** ***62.7 / -5.70*** ***ON*** ***BORE***

Borehole ID:	613345	***Inclin FLG:***	No
OGF ID:	215514643	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	SEP-1970	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.418803
Total Depth m:	24.9	***Longitude DD:***	-75.682388
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	446611
Drill Method:		***Northing:***	5029702
Orig Ground Elev m:	69	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	68.3		

Concession:
Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	218394712	***Mat Consistency:***	Stiff
Top Depth:	2	***Material Moisture:***	
Bottom Depth:	4.6	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: CLAY. BROWN,GREY,STIFF,FISSURED.

Geology Stratum ID:	218394714	***Mat Consistency:***	Soft
Top Depth:	4.9	***Material Moisture:***	
Bottom Depth:	6.9	***Material Texture:***	

Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: CLAY. GREY,SOFT TO STIFF,FISSURED.

Geology Stratum ID:	218394717	**Mat Consistency:**	Dense
Top Depth:	20.3	**Material Moisture:**	
Bottom Depth:	21.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Boulders	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: TILL. DENSE.

Geology Stratum ID:	218394713	**Mat Consistency:**	Soft
Top Depth:	4.6	**Material Moisture:**	
Bottom Depth:	4.9	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: CLAY. GREY,STIFF,SOFT,FISSURED.

Geology Stratum ID:	218394716	**Mat Consistency:**	Dense
Top Depth:	18.3	**Material Moisture:**	
Bottom Depth:	20.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:	Till	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: UNSPECIFIED. DENSE.

Geology Stratum ID:	218394711	**Mat Consistency:**	Hard
Top Depth:	1.5	**Material Moisture:**	
Bottom Depth:	2	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: CLAY. BROWN,GREY,HARD,FISSURED.

Geology Stratum ID:	218394715	**Mat Consistency:**	Soft
Top Depth:	6.9	**Material Moisture:**	
Bottom Depth:	18.3	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: CLAY. GREY,STIFF,SOFT.

Geology Stratum ID:	218394710	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.5	**Material Texture:**	

Material Color:	Red	**Non Geo Mat Type:**	
Material 1:		**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Soil	**Geologic Period:**	
Material 4:	Bedrock	**Depositional Gen:**	

Gsc Material Description:
Stratum Description: ARTIFICIAL. FRACTURED.

Geology Stratum ID:	218394718	**Mat Consistency:**	
Top Depth:	21.9	**Material Moisture:**	
Bottom Depth:	24.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: BEDROCK. 00000 032 00049 042 00065 081 00160 075 00225 048 00599 008 0000 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 058530 NTS_Sheet: 31G05G
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

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4 **1 of 1** **WNW/37.7** **66.2 / -2.22** **ON** **BORE**

Borehole ID:	613351	**Inclin FLG:**	No
OGF ID:	215514649	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	SEP-1970	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.418979
Total Depth m:	1.2	**Longitude DD:**	-75.683029
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	446561
Drill Method:		**Northing:**	5029722
Orig Ground Elev m:	68.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	68.7		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218394748	***Mat Consistency:***	Soft
Top Depth:	3.8	***Material Moisture:***	
Bottom Depth:	5.3	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY. GREY,SOFT TO STIFF,FISSURED.		

Geology Stratum ID:	218394745	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.2	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:		***Geologic Formation:***	
Material 2:	Clay	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:	Brick fragments	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	ARTIFICIAL.		

Geology Stratum ID:	218394747	***Mat Consistency:***	Stiff
Top Depth:	2.3	***Material Moisture:***	
Bottom Depth:	3.8	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY. BROWN,GREY,STIFF,FISSURED.		

Geology Stratum ID:	218394749	***Mat Consistency:***	Soft
Top Depth:	5.3	***Material Moisture:***	
Bottom Depth:	1.2	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY. GREY,SOFT TO STIFF,FISSURED. 00000 038 00040 043 00075 055 00125 072 00175 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218394746	***Mat Consistency:***	Hard
Top Depth:	1.2	***Material Moisture:***	
Bottom Depth:	2.3	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY. BROWN,GREY,HARD,FISSURED.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies

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

Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 058590 NTS_Sheet: 31G05G		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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5 | ***1 of 1*** | ***NW/40.7*** | ***66.2 / -2.22*** | ***Commvesco Levinson-Viner Group*** | ***GEN***

150 The Driveway
Ottawa ON K2P 1E7

Generator No:	ON3854849	**PO Box No:**	
Status:		**Country:**	
Approval Years:	02,03,04	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	222
Waste Class Desc:	HEAVY FUELS

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6 | ***1 of 1*** | ***WNW/64.2*** | ***67.7 / -0.71*** | ***40 The Driveway*** | ***EHS***

Ottawa, ON

Order No:	20060907038	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Complete Report	**Client Prov/State:**	CA
Report Date:	9/18/2006	**Search Radius (km):**	0.25
Date Received:	9/7/2006	**X:**	-75.683268
Previous Site Name:		**Y:**	45.41915
Lot/Building Size:			
Additional Info Ordered:			

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7 | ***1 of 1*** | ***ENE/66.0*** | ***55.3 / -13.15*** | ***ON*** | ***BORE***

Borehole ID:	613354	**Inclin FLG:**	No
OGF ID:	215514652	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	SEP-1933	**Municipality:**	
Static Water Level:	2.6	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.419165
Total Depth m:	-999	**Longitude DD:**	-75.682009
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	446641
Drill Method:		**Northing:**	5029742
Orig Ground Elev m:	68.3	**Location Accuracy:**	

Elev Reliabil Note: ***Accuracy:*** Not Applicable
DEM Ground Elev m: 66.3
Concession:
Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID: 218394764 ***Mat Consistency:*** Firm
Top Depth: 2.4 ***Material Moisture:***
Bottom Depth: 11.9 ***Material Texture:***
Material Color: Blue ***Non Geo Mat Type:***
Material 1: Clay ***Geologic Formation:***
Material 2: ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: CLAY. BLUE,FIRM.

Geology Stratum ID: 218394762 ***Mat Consistency:*** Loose
Top Depth: 0 ***Material Moisture:***
Bottom Depth: .5 ***Material Texture:***
Material Color: ***Non Geo Mat Type:***
Material 1: Fill ***Geologic Formation:***
Material 2: ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:*** fill
Gsc Material Description:
Stratum Description: FILL. LOOSE.

Geology Stratum ID: 218394763 ***Mat Consistency:*** Firm
Top Depth: .5 ***Material Moisture:***
Bottom Depth: 2.4 ***Material Texture:***
Material Color: Grey ***Non Geo Mat Type:***
Material 1: Clay ***Geologic Formation:***
Material 2: ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: CLAY. GREY,FIRM.

Geology Stratum ID: 218394765 ***Mat Consistency:*** Dense
Top Depth: 11.9 ***Material Moisture:***
Bottom Depth: ***Material Texture:***
Material Color: ***Non Geo Mat Type:***
Material 1: Sand ***Geologic Formation:***
Material 2: Gravel ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: SAND. LOOSE. . UNSPECIFIED. DENSE. TILL. DENSE TO VERY DENSE. BEDROCK. BEDROCK. WATER S
**Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type: Data Survey ***Source Appl:*** Spatial/Tabular
Source Orig: Geological Survey of Canada ***Source Iden:*** 1
Source Date: 1956-1972 ***Scale or Res:*** Varies
Confidence: H ***Horizontal:*** NAD27
Observatio: ***Verticalda:*** Mean Average Sea Level
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 058620 NTS_Sheet: 31G05G
Confiden 1: Logged by professional. Exact and complete description of material and properties.

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

Source List

Source Identifier:	1	***Horizontal Datum:***	NAD27
Source Type:	Data Survey	***Vertical Datum:***	Mean Average Sea Level
Source Date:	1956-1972	***Projection Name:***	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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8 ***1 of 1*** ***WSW/67.4*** ***69.8 / 1.44*** ***SHELL CANADA PRODUCTS LTD.*** ***SPL***
22 ROBERT ST. TANK TRUCK (CARGO)
GLOUCESTER CITY ON

Ref No:	43966	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	11/27/1990	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20105
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	11/27/1990	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SHELL - 30 L FURNACE OIL TO DITCH (CONTAINED) DURING HOME FUEL DROP.		
Contaminant Qty:			

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9 ***1 of 1*** ***WNW/69.3*** ***67.9 / -0.51*** ***40 The Driveway*** ***EHS***
Ottawa ON K2P2C9

Order No:	20160802029	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	05-AUG-16	***Search Radius (km):***	.25
Date Received:	02-AUG-16	***X:***	-75.683468
Previous Site Name:		***Y:***	45.419005
Lot/Building Size:			
Additional Info Ordered:			

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10 ***1 of 1*** ***W/72.7*** ***69.8 / 1.44*** ***CORNERSTONE SQUARE INC.*** ***CA***
LEWIS ST./ROBERT ST. (SWM)
OTTAWA CITY ON

Certificate #:	3-1110-95-
Application Year:	95
Issue Date:	8/23/1995
Approval Type:	Municipal sewage
Status:	Approved

Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

11 ***1 of 1*** ***ESE/75.2*** ***61.2 / -7.17*** ***ON*** ***BORE***

Borehole ID:	613337	***Inclin FLG:***	No
OGF ID:	215514635	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	SEP-1933	***Municipality:***	
Static Water Level:	13.4	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.418536
Total Depth m:	-999	***Longitude DD:***	-75.681745
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	446661
Drill Method:		***Northing:***	5029672
Orig Ground Elev m:	71.9	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	68.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218394678	***Mat Consistency:***	Firm
Top Depth:	.3	***Material Moisture:***	
Bottom Depth:	5.5	***Material Texture:***	
Material Color:	Yellow	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY. YELLOW,FIRM.		

Geology Stratum ID:	218394677	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Pebbles	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218394679	***Mat Consistency:***	Firm
Top Depth:	5.5	***Material Moisture:***	
Bottom Depth:	13.7	***Material Texture:***	
Material Color:	Blue	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:		***Geologic Group:***	

Material 3: **Geologic Period:**
Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: CLAY. BLUE,FIRM.

Geology Stratum ID: 218394680 **Mat Consistency:** Compact
Top Depth: 13.7 **Material Moisture:**
Bottom Depth: **Material Texture:**
Material Color: **Non Geo Mat Type:**
Material 1: Sand **Geologic Formation:**
Material 2: Gravel **Geologic Group:**
Material 3: **Geologic Period:**
Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: SAND. LOOSE, WATER STABLE AT 192.0 FEET. LOOSE, WATER STABLE AT 184.0 FEET.SAND. COMPACT. T **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type: Data Survey **Source Appl:** Spatial/Tabular
Source Orig: Geological Survey of Canada **Source Iden:** 1
Source Date: 1956-1972 **Scale or Res:** Varies
Confidence: M **Horizontal:** NAD27
Observatio: **Verticalda:** Mean Average Sea Level
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 058450 NTS_Sheet: 31G05G
Confiden 1: Reliable information but incomplete.

Source List

Source Identifier: 1 **Horizontal Datum:** NAD27
Source Type: Data Survey **Vertical Datum:** Mean Average Sea Level
Source Date: 1956-1972 **Projection Name:** Universal Transverse Mercator
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

12	1 of 1	SSW/89.5	68.4 / 0.01	**Conti Corporation** **61 Waverly Street** **Ottawa ON K2P 0X2**	ECA

Approval No: 3736-4YQS7H **MOE District:** Ottawa
Approval Date: 2001-08-30 **City:**
Status: Approved **Longitude:** -75.68393
Record Type: ECA **Latitude:** 45.417656
Link Source: IDS **Geometry X:**
SWP Area Name: Rideau Valley **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Conti Corporation
Address: 61 Waverly Street
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2472-4XQHML-14.pdf

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13	1 of 1	SSW/90.0	69.6 / 1.17	**Waverly & Robert St. Semi-Detached Developments** **61 Waverly Street** **Ottawa ON**	CA

Certificate #: 3736-4YQS7H
Application Year: 01
Issue Date: 8/30/01

Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Conti Corporation
Client Address:	116 Frank Street
Client City:	Ottawa
Client Postal Code:	K2P 0X2
Project Description:	This application is for a Certificate of Approval for on-site stormwater control unit on Robert Street
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 1	NNW/96.8	56.6 / -11.82	Confederation Park Ottawa ON	FCS

SGC:	3506008
Site ID:	00023988
Departmental ID:	96777
Depart Code:	NCC
Class Type:	2
Class:	Medium Priority for Action
Site Name:	Confederation Park
Site Name (FR):	Parc de la Confédération
Site Status:	Active
Site Status Desc:	Remedial action plan completed. Remediation / risk management underway.
Site Status (FR):	Active
Description (FR):	Plan d'action d'assainissement achevé. D'assainissement et de gestion des risques en cours.
Involv Code:	
Census Division:	Ottawa
Municipality:	Ottawa
Census Sub Class:	1
Latitude:	45.419578
Longitude:	-75.683124
Location:	
Protected Data:	0
FED:	075
Fed Electoral District:	Ottawa Centre
Fed Electoral District (FR):	Ottawa-Centre
Metro:	
Nearest Pop. Area:	
Highest Step Cmpltd:	7
Site Deleted Flag:	
Created:	2013-05-23T15:35:00
Modified:	2020-06-09T09:23:05.487
Property No.:	02931
Est m³ Contmnted:	
Est Ha Contmnted:	2.5000
Est Tons Contamin:	
Est Population at 1 Km:	22,204
Est Population at 5 Km:	226,685
Est Population at 10 Km:	612,401
Est Population at 25 Km:	1,208,750
Est Population at 50 Km:	1,438,871
Reporting Org:	
Reporting Org (FR):	
Reason for Involv:	Federal Real Property
Reason for Involv (FR):	Biens immobiliers fédéraux
Liable Third Party:	
Class (FR):	Priorité d'intervention moyenne
Action Plan:	Site requires further characterization.
Action Plan (FR):	Le site nécessite des études plus approfondies.
Site Mgmnt Strategy:	Additional assessment, Assessment, Care and Maintenance, Containment, Continous Monitoring, Other, Periodic Monitoring, Remediation, Risk Management, Urgent Works
Minimap URL:	http://www.tbs-sct.gc.ca/fcsi-rscf/minimap.aspx?fsi=00023988

Additional Info:
Additional Info (FR):

Management

Management Code: 2
Management Type (EN): Remediation
Management Type (FR): Restauration

Management Code: 4
Management Type (EN): Periodic Monitoring
Management Type (FR): Surveillance périodique

Management Code: 7
Management Type (EN): Urgent Works
Management Type (FR): Travaux urgents

Management Code: 5
Management Type (EN): Additional assessment
Management Type (FR): Évaluation complémentaire

Management Code: 6
Management Type (EN): Care and Maintenance
Management Type (FR): Soin et entretien

Management Code: 9
Management Type (EN): Other
Management Type (FR): Autre type de gestion

Management Code: 1
Management Type (EN): Containment
Management Type (FR): Confinement

Management Code: 3
Management Type (EN): Continous Monitoring
Management Type (FR): Surveillance constante

Management Code: A
Management Type (EN): Assessment
Management Type (FR): Évaluation

Management Code: B
Management Type (EN): Risk Management
Management Type (FR): Gestion du risque

Contamination

Contaminant: Metal, metalloid, and organometallic
Contamination (FR): Métaux, métalloïdes, et organométalliques
Medium Code: 2
Medium: Groundwater
Medium (FR): Eau souterraine

Contaminant: PHCs (petroleum hydrocarbons)
Contamination (FR): HCP (hydrocarbures pétroliers)
Medium Code: 5
Medium: Soil
Medium (FR): Sol

Contaminant: Metal, metalloid, and organometallic
Contamination (FR): Métaux, métalloïdes, et organométalliques
Medium Code: 5
Medium: Soil
Medium (FR): Sol

Contaminant: PAHs (polycyclic aromatic hydrocarbon)
Contamination (FR): HAP (hydrocarbures aromatiques polycycliques)
Medium Code: 5
Medium: Soil
Medium (FR): Sol

Annual Data

Fiscal Year: 2014-2015
Reporting Organization: NCC
Reporting Organization (EN): National Capital Commission
Reporting Organization (FR): Commission de la Capitale nationale
Class Type:
Class (EN):
Class (FR):
CCME Flag:
CCME NCS Year:
Step Name (EN):
Step Name (FR):
Highest Step Completed: 06
Highest Step Completed Desc:
Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: No
Actual Cubic Metres Rem: 0.0000
Actual Hectares Rem: 0.0000
Actual Tons Remediated: 0.0000
Total Asmt Expenditure: 39548.00
Total Remediation Expenditure: 0.00
Total Care/Maint Expenditur: 0.00
Total Mntring Expenditure: 0.00
Ttl Expenditure Reduc Liabil:
FCSAP Asmt Expenditure: 31638.00
FCSAP Remed Expenditure: 0.00
FCSAP Care/Maint Expenditur: 0.00
FCSAP Mntring Expenditure: 0.00

Annual Data

Fiscal Year: 2018-2019
Reporting Organization: NCC
Reporting Organization (EN): National Capital Commission
Reporting Organization (FR): Commission de la Capitale nationale
Class Type:
Class (EN):
Class (FR):
CCME Flag:
CCME NCS Year:
Step Name (EN):
Step Name (FR):
Highest Step Completed: 07
Highest Step Completed Desc:
Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: No

Actual Cubic Metres Rem:	0.0000
Actual Hectares Rem:	0.0000
Actual Tons Remediated:	0.0000
Total Asmt Expenditure:	0.00
Total Remediation Expenditure:	0.00
Total Care/Maint Expenditur:	0.00
Total Mntring Expenditure:	0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	0.00
FCSAP Remed Expenditure:	0.00
FCSAP Care/Maint Expenditur:	0.00
FCSAP Mntring Expenditure:	0.00

Annual Data

Fiscal Year:	2013-2014
Reporting Organization:	NCC
Reporting Organization (EN):	National Capital Commission
Reporting Organization (FR):	Commission de la Capitale nationale
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	04
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	No
Actual Cubic Metres Rem:	0.0000
Actual Hectares Rem:	0.0000
Actual Tons Remediated:	0.0000
Total Asmt Expenditure:	0.00
Total Remediation Expenditure:	0.00
Total Care/Maint Expenditur:	0.00
Total Mntring Expenditure:	0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	0.00
FCSAP Remed Expenditure:	0.00
FCSAP Care/Maint Expenditur:	0.00
FCSAP Mntring Expenditure:	0.00

Annual Data

Fiscal Year:	2017-2018
Reporting Organization:	NCC
Reporting Organization (EN):	National Capital Commission
Reporting Organization (FR):	Commission de la Capitale nationale
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	07
Highest Step Completed Desc:	
Planned Compl Date Step7:	

Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: No
Actual Cubic Metres Rem: 0.0000
Actual Hectares Rem: 0.0000
Actual Tons Remediated: 0.0000
Total Asmt Expenditure: 0.00
Total Remediation Expenditure: 0.00
Total Care/Maint Expenditur: 0.00
Total Mntring Expenditure: 0.00
Ttl Expenditure Reduc Liabil:
FCSAP Asmt Expenditure: 0.00
FCSAP Remed Expenditure: 0.00
FCSAP Care/Maint Expenditur: 0.00
FCSAP Mntring Expenditure: 0.00

Annual Data

Fiscal Year: 2015-2016
Reporting Organization: NCC
Reporting Organization (EN): National Capital Commission
Reporting Organization (FR): Commission de la Capitale nationale
Class Type:
Class (EN):
Class (FR):
CCME Flag:
CCME NCS Year:
Step Name (EN):
Step Name (FR):
Highest Step Completed: 07
Highest Step Completed Desc:
Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: No
Actual Cubic Metres Rem: 0.0000
Actual Hectares Rem: 0.0000
Actual Tons Remediated: 0.0000
Total Asmt Expenditure: 13329.00
Total Remediation Expenditure: 0.00
Total Care/Maint Expenditur: 0.00
Total Mntring Expenditure: 0.00
Ttl Expenditure Reduc Liabil:
FCSAP Asmt Expenditure: 10663.00
FCSAP Remed Expenditure: 0.00
FCSAP Care/Maint Expenditur: 0.00
FCSAP Mntring Expenditure: 0.00

Annual Data

Fiscal Year: 2012-2013
Reporting Organization: NCC
Reporting Organization (EN): National Capital Commission
Reporting Organization (FR): Commission de la Capitale nationale
Class Type:
Class (EN):
Class (FR):
CCME Flag:

CCME NCS Year:
Step Name (EN):
Step Name (FR):
Highest Step Completed: 04
Highest Step Completed Desc:
Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: No
Actual Cubic Metres Rem: 0.0000
Actual Hectares Rem: 0.0000
Actual Tons Remediated: 0.0000
Total Asmt Expenditure: 32748.00
Total Remediation Expenditure: 0.00
Total Care/Maint Expenditur: 0.00
Total Mntring Expenditure: 0.00
Ttl Expenditure Reduc Liabil:
FCSAP Asmt Expenditure: 26198.00
FCSAP Remed Expenditure: 0.00
FCSAP Care/Maint Expenditur: 0.00
FCSAP Mntring Expenditure: 0.00

Annual Data

Fiscal Year: 2016-2017
Reporting Organization: NCC
Reporting Organization (EN): National Capital Commission
Reporting Organization (FR): Commission de la Capitale nationale
Class Type:
Class (EN):
Class (FR):
CCME Flag:
CCME NCS Year:
Step Name (EN):
Step Name (FR):
Highest Step Completed: 07
Highest Step Completed Desc:
Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: No
Actual Cubic Metres Rem: 0.0000
Actual Hectares Rem: 0.0000
Actual Tons Remediated: 0.0000
Total Asmt Expenditure: 0.00
Total Remediation Expenditure: 0.00
Total Care/Maint Expenditur: 0.00
Total Mntring Expenditure: 0.00
Ttl Expenditure Reduc Liabil:
FCSAP Asmt Expenditure: 0.00
FCSAP Remed Expenditure: 0.00
FCSAP Care/Maint Expenditur: 0.00
FCSAP Mntring Expenditure: 0.00

Annual Data

Fiscal Year: 2019-2020
Reporting Organization: NCC

Reporting Organization (EN):	National Capital Commission
Reporting Organization (FR):	Commission de la Capitale nationale
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	07
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	No
Actual Cubic Metres Rem:	0.0000
Actual Hectares Rem:	0.0000
Actual Tons Remediated:	0.0000
Total Asmt Expenditure:	0.00
Total Remediation Expenditure:	0.00
Total Care/Maint Expenditur:	0.00
Total Mntring Expenditure:	0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	0.00
FCSAP Remed Expenditure:	0.00
FCSAP Care/Maint Expenditur:	0.00
FCSAP Mntring Expenditure:	0.00

15 ***1 of 1*** ***NW/102.0*** ***56.6 / -11.82*** ***QUEEN ELIZABETH DRIVEWAY NEAR GILMOUR ST. DRIVE OTTAWA ON*** ***WWIS***

Well ID:	7251932	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	11/10/2015
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7417
Casing Material:		***Form Version:***	7
Audit No:	Z203013	***Owner:***	
Tag:	A193652	***Street Name:***	QUEEN ELIZABETH DRIVEWAY NEAR GILMOUR ST. DRIVE
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1005794122	***Elevation:***	68.038772
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18

Code OB:		***East83:***	446544
Code OB Desc:		***North83:***	5029790
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	10/2/2015	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005847542
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	19.8
Formation End Depth:	24.3
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005847541
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	17.7
Formation End Depth:	19.8
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005847540
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3.5
Formation End Depth:	17.7
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005847539
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	0
Formation End Depth:	3.5
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005847551
Layer:	1
Plug From:	0
Plug To:	6
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1005847550
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1005847538
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005847546
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0
Depth To:	19.8
Casing Diameter:	15.55
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Casing

Casing ID:	1005847547
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	19.8

Depth To:	24.3
Casing Diameter:	15.55
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005847548
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Water Details

Water ID:	1005847545
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	20
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1005847543
Diameter:	24.9
Depth From:	0
Depth To:	6
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1005847544
Diameter:	15.55
Depth From:	6
Depth To:	24.3
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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16 | ***1 of 1*** | ***S/108.6*** | ***67.0 / -1.42*** | ***50 WAVERLY STREET OTTAWA ON*** | ***HINC***

External File Num:	FS INC 0708-04180
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	7/25/2007
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:No 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:

---

17 **1 of 1** **ENE/110.0** **65.9 / -2.53** **ON** **BORE**

Borehole ID: 613358
OGF ID: 215514656
Status:
Type: Borehole
Use:
Completion Date: OCT-1965
Static Water Level: -0.8
Primary Water Use:
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 64.9
Elev Reliabil Note:
DEM Ground Elev m: 62.5
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.419348
Longitude DD: -75.681499
UTM Zone: 18
Easting: 446681
Northing: 5029762
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218394782
Top Depth: 15.4
Bottom Depth: 15.8
Material Color: Black
Material 1: Bedrock
Material 2: Shale
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK. BLACK,BROKEN.

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

Geology Stratum ID: 218394783
Top Depth: 15.8
Bottom Depth:
Material Color: Black
Material 1: Bedrock
Material 2: Bedrock
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK. BLACK. BEDROCK. WEATHERED. WATER STABLE AT 215.4 FEET.BEDROCK. 00000 008 0
**Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID: 218394778
Top Depth: 0
Bottom Depth: .9
Material Color:
Material 1: Fill
Material 2:

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

Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:*** fill
Gsc Material Description:
Stratum Description: FILL.

Geology Stratum ID: 218394780 ***Mat Consistency:*** Stiff
Top Depth: 8.8 ***Material Moisture:***
Bottom Depth: 9.8 ***Material Texture:***
Material Color: Grey ***Non Geo Mat Type:***
Material 1: Silt ***Geologic Formation:***
Material 2: Clay ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: SILT. GREY,STIFF.

Geology Stratum ID: 218394779 ***Mat Consistency:*** Stiff
Top Depth: .9 ***Material Moisture:***
Bottom Depth: 8.8 ***Material Texture:***
Material Color: Grey ***Non Geo Mat Type:***
Material 1: Clay ***Geologic Formation:***
Material 2: Silt ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: CLAY,SILT. GREY,STIFF.

Geology Stratum ID: 218394781 ***Mat Consistency:*** Compact
Top Depth: 9.8 ***Material Moisture:***
Bottom Depth: 15.4 ***Material Texture:***
Material Color: Grey ***Non Geo Mat Type:***
Material 1: Till ***Geologic Formation:***
Material 2: ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: TILL. GREY,COMPACT.

Source

Source Type: Data Survey ***Source Appl:*** Spatial/Tabular
Source Orig: Geological Survey of Canada ***Source Iden:*** 1
Source Date: 1956-1972 ***Scale or Res:*** Varies
Confidence: H ***Horizontal:*** NAD27
Observatio: ***Verticalda:*** Mean Average Sea Level
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 058660 NTS_Sheet: 31G05G
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier: 1 ***Horizontal Datum:*** NAD27
Source Type: Data Survey ***Vertical Datum:*** Mean Average Sea Level
Source Date: 1956-1972 ***Projection Name:*** Universal Transverse Mercator
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

18	1 of 2	WNW/113.6	67.9 / -0.53	OTTAWA GREENBELT CONSTRUCTION LTD 11 GILMOUR ST,,OTTAWA,ON,K2P 0N1,CA ON	PINC

Incident ID: ***Fuel Category:*** Natural Gas

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

Incident No:	1869288	**Health Impact:**	
Incident Reported Dt:	5/20/2016	**Environment Impact:**	
Type:	FS-Pipeline Incident	**Property Damage:**	Yes
Status Code:		**Service Interupt:**	
Customer Acct Name:	OTTAWA GREENBELT CONSTRUCTION LTD	**Enforce Policy:**	Yes
Incident Address:	11 GILMOUR ST,,OTTAWA,ON,K2P 0N1,CA	**Public Relation:**	
Tank Status:	Pipeline Damage Reason Est	**Pipeline System:**	
Task No:	6176574	**Depth:**	
Spills Action Centre:		**Pipe Material:**	
Fuel Type:		**PSIG:**	
Fuel Occurrence Tp:		**Attribute Category:**	FS-Perform P-line Inc Invest
Date of Occurrence:		**Regulator Location:**	
Occurrence Start Dt:	2016/09/30	**Method Details:**	E-mail
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	11 GILMOUR ST, OTTAWA - PIPELINE HIT - 1/2"		
Reported By:	Peter O'Gorman - Enbridge Gas		
Affiliation:			
Occurrence Desc:			
Damage Reason:	Excavation practices not sufficient		
Notes:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	2 of 2	WNW/113.6	67.9 / -0.53	Enbridge Gas Distribution Inc. 11 Gilmour Street Ottawa ON K2P 0N1	SPL

Ref No:	0175-AA5H8L	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2016/05/20	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Industrial
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	11 Gilmour Street
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	K2P 0N1
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2016/05/20	**Site Map Datum:**	
Dt Document Closed:	2016/08/16	**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	
Site Name:	Residential site<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA - Enbridge, ½ inch plastic, IP line damage, made safe		
Contaminant Qty:	0 other - see incident description		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	1 of 1	NW/114.7	54.7 / -13.71	QUEEN ELIZABETH DRIVEWAY NEAR GILMOUR ST. & THE DRIVE WAY OTTAWA ON	WWIS

Well ID:	7251933	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	11/10/2015

Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7417
Casing Material:		**Form Version:**	7
Audit No:	Z203014	**Owner:**	
Tag:	A193653	**Street Name:**	QUEEN ELIZABETH DRIVEWAY NEAR GILMOUR ST. & THE DRIVE WAY
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1005794125	**Elevation:**	68.948219
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446529
Code OB Desc:		**North83:**	5029796
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/2/2015	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005847555
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	18.1
Formation End Depth:	20.4
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005847553
Layer:	1
Color:	6
General Color:	BROWN

Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0
Formation End Depth: 3.4
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005847554
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 3.4
Formation End Depth: 18.1
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005847556
Layer: 4
Color: 6
General Color: BROWN
Mat1: 17
Most Common Material: SHALE
Mat2: 74
Mat2 Desc: LAYERED
Mat3:
Mat3 Desc:
Formation Top Depth: 20.4
Formation End Depth: 24.9
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005847565
Layer: 1
Plug From: 0
Plug To: 6
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005847564
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1005847552
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005847561
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 20.4
Depth To: 24.9
Casing Diameter: 15.55
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 1005847560
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0
Depth To: 20.4
Casing Diameter: 13.55
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005847562
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1005847559
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 20
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005847558
Diameter: 15.55
Depth From: 6
Depth To: 24.9
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID:	1005847557
Diameter:	24.9
Depth From:	0
Depth To:	6
Hole Depth UOM:	m
Hole Diameter UOM:	cm

20 **1 of 1** **E/120.1** **63.6 / -4.85** **ECHO DRIVE**
Ottawa ON **WWIS**

Well ID:	7293188	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	8/18/2017
Sec. Water Use:	Monitoring	**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z258423	**Owner:**	
Tag:	A189903	**Street Name:**	ECHO DRIVE
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006713759	**Elevation:**	63.395645
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446710
Code OB Desc:		**North83:**	5029712
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	6
Date Completed:	6/19/2017	**UTMRC Desc:**	margin of error : 300 m - 1 km
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:	1006827197
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT

Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 4
Formation End Depth: 6.2
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006827195
Layer: 1
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 0
Formation End Depth: .8
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006827196
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: .8
Formation End Depth: 4
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006827206
Layer: 2
Plug From: 0.31
Plug To: 2.79
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006827207
Layer: 3
Plug From: 2.79
Plug To: 6.2
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006827205

Layer: 1
Plug From: 0
Plug To: 0.31
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006827204
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1006827194
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006827200
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 3.1
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006827201
Layer: 1
Slot: 10
Screen Top Depth: 3.1
Screen End Depth: 6.2
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03

Water Details

Water ID: 1006827199
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006827198
Diameter: 20.23
Depth From: 0
Depth To: 6.2
Hole Depth UOM: m
Hole Diameter UOM: cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	1 of 1	WNW/125.3	67.9 / -0.53	ROUTEBURN HOLDINGS LTD. LOTS 21&22,30 THE DRIVEWAY,SWM OTTAWA CITY ON K2P 1C9	CA

Certificate #: 3-1013-97-
Application Year: 97
Issue Date: 8/25/1997
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
22	1 of 1	NW/129.4	61.1 / -7.34	QUEEN ELIZABETH DRIVEWAY OTTAWA ON	WWIS

Well ID: 7278706
Construction Date:
Primary Water Use: Not Used
Sec. Water Use: Monitoring
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z220192
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: 1/10/2017
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 4875
Form Version: 7
Owner:
Street Name: QUEEN ELIZABETH DRIVEWAY
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/727\7278706.pdf

Bore Hole Information

Bore Hole ID: 1006330974
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/30/2016
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 67.314399
Elevrc:
Zone: 18
East83: 446527
North83: 5029812
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Method of Construction & Well Use

Method Construction ID:	1006493119
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	ROTARY (CONVENTIONAL)

Pipe Information

Pipe ID:	1006493111
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006493115
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006493116
Layer:	1
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Water Details

Water ID:	1006493114
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006493113
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

23	***1 of 7***	***S/131.6***	***67.2 / -1.20***	***15 FRANK STREET OTTAWA ON***	***HINC***

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

External File Num: FS INC 0902-00746
Fuel Occurrence Type: Pipeline Strike
Date of Occurrence: 1/27/2009
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Multi-unit Residential
Service Interruptions: Yes
Property Damage: Yes
Fuel Life Cycle Stage: Utilization
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No 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:

23	2 of 7	S/131.6	67.2 / -1.20	15 FRANK STREET OTTAWA ON	HINC

External File Num: FS INC 0709-04936
Fuel Occurrence Type: Pipeline Strike
Date of Occurrence: 8/27/2007
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Private Dwelling
Service Interruptions: Yes
Property Damage: No
Fuel Life Cycle Stage: Utilization
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:No Human Factors:No
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:

23	3 of 7	S/131.6	67.2 / -1.20	15 Frank Street Ottawa ON K2P	EHS

Order No: 20191212067
Status: C
Report Type: Standard Report
Report Date: 17-DEC-19
Date Received: 12-DEC-19
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.6825355
Y: 45.4175926

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	4 of 7	S/131.6	67.2 / -1.20	15 Frank Street Ottawa ON K2P	EHS

Order No:	20191212067	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	17-DEC-19	**Search Radius (km):**	.25
Date Received:	12-DEC-19	**X:**	-75.6825355
Previous Site Name:		**Y:**	45.4175926
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	5 of 7	S/131.6	67.2 / -1.20	15 Frank Street Ottawa ON K2P	EHS

Order No:	20191212067	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	17-DEC-19	**Search Radius (km):**	.25
Date Received:	12-DEC-19	**X:**	-75.6825355
Previous Site Name:		**Y:**	45.4175926
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	6 of 7	S/131.6	67.2 / -1.20	15 Frank Street Ottawa ON K2P	EHS

Order No:	20191212067	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	17-DEC-19	**Search Radius (km):**	.25
Date Received:	12-DEC-19	**X:**	-75.6825355
Previous Site Name:		**Y:**	45.4175926
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	7 of 7	S/131.6	67.2 / -1.20	15 Frank Street Ottawa ON K2P	EHS

Order No:	20191212067	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	17-DEC-19	**Search Radius (km):**	.25
Date Received:	12-DEC-19	**X:**	-75.6825355
Previous Site Name:		**Y:**	45.4175926
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	1 of 1	NE/138.5	70.3 / 1.90	Colonel By Drive/Rideau Canal Ottawa ON	FCS

SGC:	3506008
Site ID:	00025775
Departmental ID:	96747
Depart Code:	NCC
Class Type:	2
Class:	Medium Priority for Action

Site Name:	Colonel By Drive/Rideau Canal
Site Name (FR):	Colonel By/Canal Rideau
Site Status:	Closed
Site Status Desc:	Detailed testing completed. No further action required.
Site Status (FR):	Fermé
Description (FR):	Analyse détaillée terminée. Aucune autre mesure nécessaire.
Involv Code:	
Census Division:	Ottawa
Municipality:	Ottawa
Census Sub Class:	1
Latitude:	45.419828
Longitude:	-75.681699
Location:	
Protected Data:	0
FED:	078
Fed Electoral District:	Ottawa--Vanier
Fed Electoral District (FR):	Ottawa--Vanier
Metro:	
Nearest Pop. Area:	
Highest Step Cmpltd:	6
Site Deleted Flag:	
Created:	2012-05-14T15:22:00
Modified:	2019-06-19T15:30:14.027
Property No.:	02930
Est m³ Contmnted:	
Est Ha Contmnted:	7.6179
Est Tons Contamin:	
Est Population at 1 Km:	21,567
Est Population at 5 Km:	226,888
Est Population at 10 Km:	610,801
Est Population at 25 Km:	1,208,519
Est Population at 50 Km:	1,438,887
Reporting Org:	
Reporting Org (FR):	
Reason for Involv:	Federal Real Property
Reason for Involv (FR):	Biens immobiliers fédéraux
Liable Third Party:	
Class (FR):	Priorité d'intervention moyenne
Action Plan:	The site requires further assessment prior to determining an action plan.
Action Plan (FR):	Le site requiert plus d'évaluation avant de déterminer un plan d'action
Site Mgmnt Strategy:	Additional assessment
Minimap URL:	http://www.tbs-sct.gc.ca/fcsi-rscf/minimap.aspx?fsi=00025775
Additional Info:	
Additional Info (FR):	

Management

Management Code:	5
Management Type (EN):	Additional assessment
Management Type (FR):	Évaluation complémentaire

Contamination

Contaminant:	PAHs (polycyclic aromatic hydrocarbon)
Contamination (FR):	HAP (hydrocarbures aromatiques polycycliques)
Medium Code:	2
Medium:	Groundwater
Medium (FR):	Eau souterraine
Contaminant:	PHCs (petroleum hydrocarbons)
Contamination (FR):	HCP (hydrocarbures pétroliers)
Medium Code:	4
Medium:	Surface soil
Medium (FR):	Sol de surface

Contaminant: Metal, metalloid, and organometallic
Contamination (FR): Métaux, métalloïdes, et organométalliques
Medium Code: 2
Medium: Groundwater
Medium (FR): Eau souterraine

Contaminant: PAHs (polycyclic aromatic hydrocarbon)
Contamination (FR): HAP (hydrocarbures aromatiques polycycliques)
Medium Code: 5
Medium: Soil
Medium (FR): Sol

Contaminant: Metal, metalloid, and organometallic
Contamination (FR): Métaux, métalloïdes, et organométalliques
Medium Code: 5
Medium: Soil
Medium (FR): Sol

Annual Data

Fiscal Year: 2015-2016
Reporting Organization: NCC
Reporting Organization (EN): National Capital Commission
Reporting Organization (FR): Commission de la Capitale nationale
Class Type:
Class (EN):
Class (FR):
CCME Flag:
CCME NCS Year:
Step Name (EN):
Step Name (FR):
Highest Step Completed: 04
Highest Step Completed Desc:
Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: No
Actual Cubic Metres Rem: 0.0000
Actual Hectares Rem: 0.0000
Actual Tons Remediated: 0.0000
Total Asmt Expenditure: 0.00
Total Remediation Expenditure: 0.00
Total Care/Maint Expenditur: 0.00
Total Mntring Expenditure: 0.00
Ttl Expenditure Reduc Liabil:
FCSAP Asmt Expenditure: 0.00
FCSAP Remed Expenditure: 0.00
FCSAP Care/Maint Expenditur: 0.00
FCSAP Mntring Expenditure: 0.00

Annual Data

Fiscal Year: 2011-2012
Reporting Organization: NCC
Reporting Organization (EN): National Capital Commission
Reporting Organization (FR): Commission de la Capitale nationale
Class Type:
Class (EN):
Class (FR):
CCME Flag:

CCME NCS Year:
Step Name (EN):
Step Name (FR):
Highest Step Completed: 04
Highest Step Completed Desc:
Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: No
Actual Cubic Metres Rem: 0.0000
Actual Hectares Rem: 0.0000
Actual Tons Remediated: 0.0000
Total Asmt Expenditure: 19685.00
Total Remediation Expenditure: 0.00
Total Care/Maint Expenditur: 0.00
Total Mntring Expenditure: 0.00
Ttl Expenditure Reduc Liabil:
FCSAP Asmt Expenditure: 15748.00
FCSAP Remed Expenditure: 0.00
FCSAP Care/Maint Expenditur: 0.00
FCSAP Mntring Expenditure: 0.00

Annual Data

Fiscal Year: 2018-2019
Reporting Organization: NCC
Reporting Organization (EN): National Capital Commission
Reporting Organization (FR): Commission de la Capitale nationale
Class Type:
Class (EN):
Class (FR):
CCME Flag:
CCME NCS Year:
Step Name (EN):
Step Name (FR):
Highest Step Completed: 06
Highest Step Completed Desc:
Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: Yes
Actual Cubic Metres Rem: 0.0000
Actual Hectares Rem: 0.0000
Actual Tons Remediated: 0.0000
Total Asmt Expenditure: 18559.94
Total Remediation Expenditure: 0.00
Total Care/Maint Expenditur: 0.00
Total Mntring Expenditure: 0.00
Ttl Expenditure Reduc Liabil:
FCSAP Asmt Expenditure: 14847.95
FCSAP Remed Expenditure: 0.00
FCSAP Care/Maint Expenditur: 0.00
FCSAP Mntring Expenditure: 0.00

Annual Data

Fiscal Year: 2017-2018
Reporting Organization: NCC

Reporting Organization (EN):	National Capital Commission
Reporting Organization (FR):	Commission de la Capitale nationale
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	04
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	No
Actual Cubic Metres Rem:	0.0000
Actual Hectares Rem:	0.0000
Actual Tons Remediated:	0.0000
Total Asmt Expenditure:	52689.38
Total Remediation Expenditure:	0.00
Total Care/Maint Expenditur:	0.00
Total Mntring Expenditure:	0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	42151.04
FCSAP Remed Expenditure:	0.00
FCSAP Care/Maint Expenditur:	0.00
FCSAP Mntring Expenditure:	0.00

Annual Data

Fiscal Year:	2014-2015
Reporting Organization:	NCC
Reporting Organization (EN):	National Capital Commission
Reporting Organization (FR):	Commission de la Capitale nationale
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	04
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	No
Actual Cubic Metres Rem:	0.0000
Actual Hectares Rem:	0.0000
Actual Tons Remediated:	0.0000
Total Asmt Expenditure:	0.00
Total Remediation Expenditure:	0.00
Total Care/Maint Expenditur:	0.00
Total Mntring Expenditure:	0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	0.00
FCSAP Remed Expenditure:	0.00
FCSAP Care/Maint Expenditur:	0.00
FCSAP Mntring Expenditure:	0.00

Annual Data

Fiscal Year:	2013-2014
Reporting Organization:	NCC
Reporting Organization (EN):	National Capital Commission
Reporting Organization (FR):	Commission de la Capitale nationale
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	04
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	No
Actual Cubic Metres Rem:	0.0000
Actual Hectares Rem:	0.0000
Actual Tons Remediated:	0.0000
Total Asmt Expenditure:	0.00
Total Remediation Expenditure:	0.00
Total Care/Maint Expenditur:	0.00
Total Mntring Expenditure:	0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	0.00
FCSAP Remed Expenditure:	0.00
FCSAP Care/Maint Expenditur:	0.00
FCSAP Mntring Expenditure:	0.00

Annual Data

Fiscal Year:	2016-2017
Reporting Organization:	NCC
Reporting Organization (EN):	National Capital Commission
Reporting Organization (FR):	Commission de la Capitale nationale
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	04
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	No
Actual Cubic Metres Rem:	0.0000
Actual Hectares Rem:	0.0000
Actual Tons Remediated:	0.0000
Total Asmt Expenditure:	0.00
Total Remediation Expenditure:	0.00
Total Care/Maint Expenditur:	0.00

Total Mntring Expenditure:	0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	0.00
FCSAP Remed Expenditure:	0.00
FCSAP Care/Maint Expenditur:	0.00
FCSAP Mntring Expenditure:	0.00

Annual Data

Fiscal Year:	2012-2013
Reporting Organization:	NCC
Reporting Organization (EN):	National Capital Commission
Reporting Organization (FR):	Commission de la Capitale nationale
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	04
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	No
Actual Cubic Metres Rem:	0.0000
Actual Hectares Rem:	0.0000
Actual Tons Remediated:	0.0000
Total Asmt Expenditure:	1398.00
Total Remediation Expenditure:	0.00
Total Care/Maint Expenditur:	0.00
Total Mntring Expenditure:	0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	1118.00
FCSAP Remed Expenditure:	0.00
FCSAP Care/Maint Expenditur:	0.00
FCSAP Mntring Expenditure:	0.00

25 | ***1 of 1*** | ***NE/148.6*** | ***70.5 / 2.11*** | ***145 JEAN JACQUES LUSSIER PRIVATE OTTAWA ON*** | ***WWIS***

Well ID:	7245882	**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:**	6894
Casing Material:		**Form Version:**	7
Audit No:	Z180823	**Owner:**	
Tag:	A172147	**Street Name:**	145 JEAN JACQUES LUSSIER PRIVATE
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	

Clear/Cloudy:

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1005537695	***Elevation:***	67.685447
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446680
Code OB Desc:		***North83:***	5029818
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	2/10/2015	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005638655
Layer:	7
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15.34
Formation End Depth:	17.07
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005638650
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	92
Mat2 Desc:	WEATHERED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.07
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005638652
Layer:	4
Color:	2

General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5.79
Formation End Depth:	8.73
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005638649
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1.07
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005638654
Layer:	6
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	84
Mat2 Desc:	SILTY
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	13.92
Formation End Depth:	15.34
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005638651
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.57
Formation End Depth:	5.79
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005638653
Layer:	5
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	84
Mat2 Desc:	SILTY
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	8.73
Formation End Depth:	13.92
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005638662
Layer:	1
Plug From:	17.07
Plug To:	10
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005638663
Layer:	2
Plug From:	0
Plug To:	5.4
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1005638661
Method Construction Code:	E
Method Construction:	Auger
Other Method Construction:	

Pipe Information

Pipe ID:	1005638648
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005638658
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	5.7
Casing Diameter:	4.25
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005638659
Layer:	1
Slot:	010
Screen Top Depth:	8.9
Screen End Depth:	5.7
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Water Details

Water ID:	1005638657
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1005638656
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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26 ***1 of 2*** ***NW/151.5*** ***53.9 / -14.46*** ***CENTRAL AVE + THE DRIVEWAY OTTAWA ON*** ***WWIS***

Well ID:	7264662	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Test Hole	***Date Received:***	6/14/2016
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Test Hole	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	4875
Casing Material:		***Form Version:***	7
Audit No:	Z220172	***Owner:***	
Tag:	A166310	***Street Name:***	CENTRAL AVE + THE DRIVEWAY
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7264662.pdf

Bore Hole Information

Bore Hole ID:	1006049330	***Elevation:***	69.198661
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446483

Code OB Desc:		***North83:***	5029806
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	3/19/2016	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006102481
Layer:	2
Color:	2
General Color:	GREY
Mat1:	34
Most Common Material:	TILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	13
Mat3 Desc:	BOULDERS
Formation Top Depth:	19.7
Formation End Depth:	23.88
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006102480
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	19.7
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006102482
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	23.88
Formation End Depth:	29.28
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006102502
Layer:	1
Plug From:	0
Plug To:	24.28
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006102501
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	1006102478
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006102485
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-.73
Depth To:	24.28
Casing Diameter:	15.88
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006102486
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1006102479
Pump Set At:	
Static Level:	10.55
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	0

Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 1006102489
Test Type: Recovery
Test Duration: 3
Test Level: 8.665
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102498
Test Type: Recovery
Test Duration: 50
Test Level: 9.01
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102495
Test Type: Recovery
Test Duration: 25
Test Level: 8.85
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102494
Test Type: Recovery
Test Duration: 20
Test Level: 8.82
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102490
Test Type: Recovery
Test Duration: 4
Test Level: 8.675
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102493
Test Type: Recovery
Test Duration: 15
Test Level: 8.78
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102499
Test Type: Recovery
Test Duration: 60
Test Level: 9.06

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102497
Test Type: Recovery
Test Duration: 40
Test Level: 8.95
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102491
Test Type: Recovery
Test Duration: 5
Test Level: 8.685
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102487
Test Type: Recovery
Test Duration: 1
Test Level: 8.66
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102492
Test Type: Recovery
Test Duration: 10
Test Level: 8.735
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102496
Test Type: Recovery
Test Duration: 30
Test Level: 8.88
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102488
Test Type: Recovery
Test Duration: 2
Test Level: 8.66
Test Level UOM: m

Water Details

Water ID: 1006102484
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 24.3
Water Found Depth UOM: m

Hole Diameter

Hole ID:	1006102483
Diameter:	13.97
Depth From:	24.28
Depth To:	29.28
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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26 ***2 of 2*** ***NW/151.5*** ***53.9 / -14.46*** ***CETNRAL AVE & THE DRIVEWAY OTTAWA ON*** ***WWIS***

Well ID:	7278707	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Not Used	***Date Received:***	1/10/2017
Sec. Water Use:	Monitoring	***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	4875
Casing Material:		***Form Version:***	7
Audit No:	Z220191	***Owner:***	
Tag:		***Street Name:***	CETNRAL AVE & THE DRIVEWAY
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/727\7278707.pdf

Bore Hole Information

Bore Hole ID:	1006330977	***Elevation:***	69.198661
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446483
Code OB Desc:		***North83:***	5029806
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	11/30/2016	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	1006493142
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID: 1006493134
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006493138
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006493139
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1006493137
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006493136
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

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27 | ***1 of 1*** | ***S/168.1*** | ***69.2 / 0.80*** | ***TRANSPORT TRUCK FRANK ST && ROBERT ST MOTOR VEHICLE (OPERATING FLUID) OTTAWA ON*** | ***SPL***

Ref No: 191212
Site No:
Incident Dt: 11/28/2000
Year:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:

Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	POSSIBLE	**Site Municipality:**	20107
Nature of Impact:	Water course or lake	**Site Lot:**	
Receiving Medium:	WATER	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	11/28/2000	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	OTHER	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TRANSPORT TRUCK;HYD. FL. 80L TO SEWERS; CLEAN UP INITIATED		
Contaminant Qty:			

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28 | **1 of 1** | **S/168.1** | **69.2 / 0.80** | **Robert St and Frank St Ottawa ON** | **SPL**

Ref No:	5462-7SHLFH	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:		**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Discharge Or Bypass To A Watercourse	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:	GASOLINE	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Confirmed	**Site Municipality:**	Ottawa
Nature of Impact:	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:	5/29/2009	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Watercourse Spills
Incident Reason:	Other - Reason not otherwise defined	**Source Type:**	
Site Name:	Oil in Catchbasin<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Oil found in catchbasin in Ottawa		
Contaminant Qty:			

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29 | **1 of 1** | **S/173.0** | **66.8 / -1.60** | **56 ROBERT STREET OTTAWA ON K2P 1G4** | **HINC**

External File Num:	FS INC 0708-04797
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	8/20/2007
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:	No
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:Yes Human Factors:No
Reported Details:	

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

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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
30	1 of 1	W/173.7	68.3 / -0.14	LISGAR SQUARE DEVELOPMENTS INC. 34-40 MACLAREN ST. (S.W. POND) OTTAWA CITY ON K2P 0K4	CA

Certificate #:	3-0074-94-
Application Year:	94
Issue Date:	3/22/1994
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
31	1 of 1	SW/176.1	71.9 / 3.46	IDON EAST Corporation 80 Waverley St Ottawa ON K2P 0V2	SCT

Established:	01-AUG-94
Plant Size (ft²):	
Employment:	

--Details--

Description:	Software Publishers
SIC/NAICS Code:	511210
Description:	Software Publishers
SIC/NAICS Code:	511210

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
32	1 of 1	WSW/178.1	71.6 / 3.17	34 LEWIS STREET OTTAWA ON K2P 0S3	HINC

External File Num:	FS INC 0810-06123
Fuel Occurrence Type:	
Date of Occurrence:	
Fuel Type Involved:	
Status Desc:	Completed - No Action Required
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	
Service Interruptions:	
Property Damage:	
Fuel Life Cycle Stage:	
Root Cause:	
Reported Details:	Non-mandated, report of 1 L quantity; however, report will be sent to FS Inspector Mike Goldberg as
Fuel Category:	Liquid 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:	

33 | **1 of 1** | **WNW/187.7** | **61.9 / -6.47** | **CENTRAL AVE + THE DRIVEWAY OTTAWA ON** | **WWIS**

Well ID:	7264663	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	6/14/2016
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Supply	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	4875
Casing Material:		**Form Version:**	7
Audit No:	Z220171	**Owner:**	
Tag:	A166309	**Street Name:**	CENTRAL AVE + THE DRIVEWAY
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	INJECTION WELL
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7264663.pdf

Bore Hole Information

Bore Hole ID:	1006049348	**Elevation:**	69.684738
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446446
Code OB Desc:		**North83:**	5029819
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	3/19/2016	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006102586
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 23.57
Formation End Depth: 29.59
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006102584
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 19.52
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006102585
Layer: 2
Color: 2
General Color: GREY
Mat1: 34
Most Common Material: TILL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 19.52
Formation End Depth: 23.57
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006102606
Layer: 1
Plug From: 0
Plug To: 23.87
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006102605
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 1006102582
Casing No: 0

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	1006102589
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-.78
Depth To:	23.87
Casing Diameter:	15.88
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006102590
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1006102583
Pump Set At:	
Static Level:	10.73
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	1006102593
Test Type:	Recovery
Test Duration:	3
Test Level:	9.035
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1006102596
Test Type:	Recovery
Test Duration:	10
Test Level:	9.3
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID: 1006102597
Test Type: Recovery
Test Duration: 15
Test Level: 9.46
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102603
Test Type: Recovery
Test Duration: 60
Test Level: 10.25
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102599
Test Type: Recovery
Test Duration: 25
Test Level: 9.73
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102600
Test Type: Recovery
Test Duration: 30
Test Level: 9.83
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102594
Test Type: Recovery
Test Duration: 4
Test Level: 9.08
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102591
Test Type: Recovery
Test Duration: 1
Test Level: 8.94
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102595
Test Type: Recovery
Test Duration: 5
Test Level: 9.12
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006102598

Test Type:	Recovery
Test Duration:	20
Test Level:	9.6
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1006102602
Test Type:	Recovery
Test Duration:	50
Test Level:	10.15
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1006102601
Test Type:	Recovery
Test Duration:	40
Test Level:	10.01
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1006102592
Test Type:	Recovery
Test Duration:	2
Test Level:	8.99
Test Level UOM:	m

Water Details

Water ID:	1006102588
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	23.8
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006102587
Diameter:	15.24
Depth From:	23.87
Depth To:	29.59
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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34 | ***1 of 1*** | ***SSE/190.0*** | ***62.8 / -5.60*** | ***72 QUEEN ELIZABETH DRIVE OTTAWA ON*** | ***HINC***

External File Num:	FS INC 0707-03959
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	7/11/2007
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - No Action Required
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (pipeline strike)
Service Interruptions:	No
Property Damage:	Yes
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation
Root Cause:	

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

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:

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35 | 1 of 2 | W/202.8 | 69.5 / 1.14 | **PIPELINE HIT - 1/2"**
67 GILMOUR STREET,,OTTAWA,ON,K2P 0N1,CA
ON | PINC

Incident ID:
Incident No: 1921938
Incident Reported Dt: 8/12/2016
Type: FS-Pipeline Incident
Status Code:
Customer Acct Name: PIPELINE HIT - 1/2"
Incident Address: 67 GILMOUR STREET,,OTTAWA,ON,K2P 0N1,CA
Tank Status: Pipeline Damage Reason Est
Task No: 6285861
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt: 2016/08/12
Operation Type:
Pipeline Type:
Regulator Type:
Summary: 67 GILMOUR STREET, OTTAWA - PIPELINE HIT - 1/2"
Reported By: Bernie Monette - ENBRIDGE
Affiliation:
Occurrence Desc:
Damage Reason: Undetermined
Notes:

Fuel Category: Natural Gas
Health Impact:
Environment Impact:
Property Damage: No
Service Interupt:
Enforce Policy: No
Public Relation:
Pipeline System:
Depth:
Pipe Material:
PSIG:
Attribute Category: FS-Perform P-line Inc Invest
Regulator Location:
Method Details: E-mail

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35 | 2 of 2 | W/202.8 | 69.5 / 1.14 | **67 Gilmour Street**
Ottawa ON | SPL

Ref No: 6858-ACRFSB
Site No: NA
Incident Dt: 2016/08/11
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Air
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2016/08/12
Dt Document Closed:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Unknown / N/A
Agency Involved:
Nearest Watercourse:
Site Address: 67 Gilmour Street
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel

Release/Spill

Incident Reason: Operator/Human Error
Source Type:
Site Name: Residence<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TSSA FSB: 1/2 inch pl service dmg; made safe
Contaminant Qty: 0 other - see incident description

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36 | **1 of 1** | **ENE/209.6** | **69.4 / 0.95** | **UNIVERSITY OF OTTAWA OTTAWA ON** | **WWIS**

Well ID: 7267437
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: Z226224
Tag: A184835
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: 7/21/2016
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: UNIVERSITY OF OTTAWA
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1006167026
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 6/1/2016
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 67.261291
Elevrc:
Zone: 18
East83: 446759
North83: 5029824
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1006173778
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 06

Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 5
Formation End Depth: 20
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006173777
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 0
Formation End Depth: 5
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006173779
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 20
Formation End Depth: 30
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006173788
Layer: 2
Plug From: 1
Plug To: 19
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006173787
Layer: 1
Plug From: 0
Plug To: 1
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006173789
Layer: 3
Plug From: 19
Plug To: 30
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006173786
Method Construction Code: E
Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1006173776
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006173782
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 20
Casing Diameter: 1.5
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006173783
Layer: 1
Slot: 10
Screen Top Depth: 20
Screen End Depth: 30
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1006173781
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006173780
Diameter: 6
Depth From: 0
Depth To: 30
Hole Depth UOM: m

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

37 *1 of 5* *N/209.9* *72.0 / 3.56* **GEN**

OC Transpo
301 Nicholas Street
Ottawa ON

Generator No:	ON8559121	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2013	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	485110		
SIC Description:			

Detail(s)

Waste Class:	150
Waste Class Desc:	INERT INORGANIC WASTES

37 *2 of 5* *N/209.9* *72.0 / 3.56* **GEN**

City of Ottawa - OC TRANSPO
301 Nicholas Street
Ottawa ON K1N 9A4

Generator No:	ON2767474	***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:	485110		
SIC Description:	485110		

Detail(s)

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

37 *3 of 5* *N/209.9* *72.0 / 3.56* **GEN**

OLRT Constructors/Dragados/EllisDon Corp
301 Nicholas Street - uOttawa Station
Ottawa ON K1N7B7

Generator No:	ON5523293	***PO Box No:***	
Status:		***Country:***	Canada
Approval Years:	2016	***Choice of Contact:***	CO_OFFICIAL
Contam. Facility:	No	***Co Admin:***	Eric Kelly
MHSW Facility:	No	***Phone No Admin:***	6134078153 Ext.
SIC Code:	493190		
SIC Description:	OTHER WAREHOUSING AND STORAGE		

Detail(s)

Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

37 *4 of 5* *N/209.9* *72.0 / 3.56* **ECA**

Dragados Canada, Inc., Ellis-Don Corporation, and SNC-Lavalin Constructors (Pacific) Inc. 301 Nicholas St
Ottawa ON K1Z 1G3

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

Approval No: 0011-AU6LUW
Approval Date: 2018-01-09
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Dragados Canada, Inc., Ellis-Don Corporation, and SNC-Lavalin Constructors (Pacific) Inc.
Address: 301 Nicholas St
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3094-ATTRRD-13.pdf

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

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37 | **5 of 5** | **N/209.9** | **72.0 / 3.56** | **City of Ottawa**
301 Nicholas st
Ottawa ON | **SPL**

Ref No: 2453-ASGEY8
Site No: NA
Incident Dt: 2017/10/20
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Source Water Zone
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2017/10/25
Dt Document Closed:
Incident Reason: Operator/Human Error
Site Name: OLRT<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OLRT: hyd oil to grd, ctnd 2 L
Contaminant Qty: 2 L

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type: Municipal Government
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address: 301 Nicholas st
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: 5029726
Easting: 447362
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills
Source Type: Motor Vehicle

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38 | **1 of 2** | **W/214.7** | **69.5 / 1.14** | **R W TOMLINSON LIMITED**
71 GILMOUR ST,,OTTAWA,ON,K2P 0N1,CA
ON | **PINC**

Incident ID:
Incident No: 1943752
Incident Reported Dt: 9/16/2016
Type: FS-Pipeline Incident
Status Code:
Customer Acct Name: R W TOMLINSON LIMITED
Incident Address: 71 GILMOUR ST,,OTTAWA,ON,K2P 0N1,CA
Tank Status: Pipeline Damage Reason Est
Task No: 6328461
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt: 2016/09/20

Fuel Category: Natural Gas
Health Impact:
Environment Impact:
Property Damage: Yes
Service Interupt:
Enforce Policy: Yes
Public Relation:
Pipeline System:
Depth:
Pipe Material:
PSIG:
Attribute Category: FS-Perform P-line Inc Invest
Regulator Location:
Method Details: E-mail

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

Operation Type:
Pipeline Type:
Regulator Type:
Summary: 71 GILMOUR STREET, OTTAWA - PIPELINE HIT - 1/2"
Reported By: Bernie Monette - enbridge
Affiliation:
Occurrence Desc:
Damage Reason: Excavation practices not sufficient
Notes:

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38 | **2 of 2** | **W/214.7** | **69.5 / 1.14** | **71 Gilmoure Street Ottawa ON** | **SPL**

Ref No: 5064-ADUNKS
Site No: NA
Incident Dt: 9/16/2016
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Air
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/16/2016
Dt Document Closed:
Incident Reason: Operator/Human Error
Site Name: Enbridge: 1/2 " gasline<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TSSA/Enbridge: 1/2 " gasline damage
Contaminant Qty: 0 other - see incident description

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Unknown / N/A
Agency Involved:
Nearest Watercourse:
Site Address: 71 Gilmoure Street
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Air Spills - Gases and Vapours
Source Type:

---

39 | **1 of 1** | **W/218.8** | **67.9 / -0.49** | **33 Maclaren St, Ottawa, ON Ottawa ON K2P 0K3** | **EHS**

Order No: 20190328168
Status: C
Report Type: RSC Report (Urban)
Report Date: 04-APR-19
Date Received: 28-MAR-19
Previous Site Name:
Lot/Building Size: 0.145 Acres
Additional Info Ordered: City Directory; Aerial Photos

Nearest Intersection:
Municipality: Ottawa
Client Prov/State: ON
Search Radius (km): .3
X: -75.685398
Y: 45.419117

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40 | **1 of 1** | **NE/218.9** | **70.9 / 2.45** | **UNIVERSITY OF OTTAWA OTTAWA ON** | **WWIS**

Well ID: 7267436
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Monitoring and Test Hole
Water Type:

Data Entry Status:
Data Src:
Date Received: 7/21/2016
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241

Casing Material:		**Form Version:**	7
Audit No:	Z226223	**Owner:**	
Tag:	A184833	**Street Name:**	UNIVERSITY OF OTTAWA
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006167012	**Elevation:**	68.84069
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446714
Code OB Desc:		**North83:**	5029880
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	6/2/2016	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006173765
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	20
Formation End Depth:	32.5
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006173764
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT

Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 5
Formation End Depth: 20
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006173763
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 5
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006173774
Layer: 2
Plug From: 1
Plug To: 21.5
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006173775
Layer: 3
Plug From: 21.5
Plug To: 32.5
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006173773
Layer: 1
Plug From: 0
Plug To: 1
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006173772
Method Construction Code: E
Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1006173762

Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006173768
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 22.5
Casing Diameter: 2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006173769
Layer: 1
Slot: 10
Screen Top Depth: 22.5
Screen End Depth: 32.5
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 2.1

Water Details

Water ID: 1006173767
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006173766
Diameter: 6
Depth From: 0
Depth To: 32.5
Hole Depth UOM: m
Hole Diameter UOM: cm

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41 | ***1 of 6*** | ***NE/220.7*** | ***71.3 / 2.93*** | ***UNIVERSITY OF OTTAWA***
140 LOUIS PASTEUR, MARION HALL
OTTAWA CITY ON K1N 6N5 | ***CA***

Certificate #: 8-4034-94-
Application Year: 94
Issue Date: 5/27/1994
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: (30) FANS, STACKS, DUCTS, FUHEMOODS
Contaminants:

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

41	2 of 6	NE/220.7	71.3 / 2.93	**UNIVERSITY OF OTTAWA** **140 LOUIS PASTEUR, CHEM. DEPT.** **OTTAWA CITY ON K1N 6N5**	CA

Certificate #: 8-4022-93-
Application Year: 93
Issue Date: 3/11/1993
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: (4) EXH. FANS FOR LAB. FUMEHOODS
Contaminants: Acetone, Ammonium Hydroxide, Carbon Tetrachloride, Chloroform, Ethyl Acetate, Ethyl Alcohol,Denat,D, Hexane, Hydrogen Chloride, Methylene Chloride, Nitric Acid
Emission Control:

41	3 of 6	NE/220.7	71.3 / 2.93	**UNIVERSITY OF OTTAWA** **140 LOUIS PASTEUR, MARION HALL** **OTTAWA CITY ON K1N 6N5**	CA

Certificate #: 8-4074-93-
Application Year: 93
Issue Date: 7/14/1993
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: (3) NEW EXH.FANS/STACKS FOR CHEM. LAB.
Contaminants: Methyl Chloride
Emission Control: No Controls

41	4 of 6	NE/220.7	71.3 / 2.93	**UNIVERSITY OF OTTAWA** **140 LOUIS PASTEUR, MARION HALL** **OTTAWA CITY ON K1N 6N5**	CA

Certificate #: 8-4098-93-
Application Year: 93
Issue Date: 10/26/1993
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: INSTALL (4) FUMEHOODS FOR CHEMISTRY LAB.
Contaminants:
Emission Control: No Controls

41	5 of 6	NE/220.7	71.3 / 2.93	**UNIVERSITY OF OTTAWA / UNIVERSITE D'OTTAWA**	EASR

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				140 LOUIS-PASTEUR PVT OTTAWA ON K1N 6N5	

Approval No: R-010-9110229170
Status: REGISTERED
Date: 2017-09-08
Record Type: EASR
Link Source: MOFA
Project Type: Air Emissions
Full Address:
Approval Type: EASR-Air Emissions
Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2042708

SWP Area Name: Rideau Valley
MOE District: Ottawa
Municipality: OTTAWA
Latitude: 45.42166667
Longitude: -75.68111111
Geometry X:
Geometry Y:

41	6 of 6	NE/220.7	71.3 / 2.93	PIPELINE HIT 1" 140 LOUIS-PASTEUR PVT (365 NICHOLAS ST),, OTTAWA,ON,K1N,CA ON	PINC

Incident ID:
Incident No: 2100896
Incident Reported Dt: 6/21/2017
Type: FS-Pipeline Incident
Status Code:
Customer Acct Name: PIPELINE HIT 1"
Incident Address: 140 LOUIS-PASTEUR PVT (365 NICHOLAS ST),,OTTAWA,ON,K1N,CA
Tank Status: Non Mandated
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interupt:
Enforce Policy:
Public Relation:
Pipeline System:
Depth:
Pipe Material:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

42	1 of 3	NNE/222.7	71.2 / 2.75	UNIVERSITY OF OTTAWA - SCIENCE RES. LAB. 10 MARIE CURIE OTTAWA CITY ON	CA

Certificate #: 8-4042-91-
Application Year: 91
Issue Date: 9/26/1991
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: INSTALL VENT SYSTEM FOR LABORATORY
Contaminants: Acetic Acid, Acetone, Benzene (Carcinogen Requires Bact), Carbon Tetrachloride, Chloroform, Ethyl Ether, Formic Acid, Hydrogen Chloride, Nitric Acid, Phenol
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	2 of 3	NNE/222.7	71.2 / 2.75	UNIVERSITY OF OTTAWA - SCIENCE BUILDING 10 MARIE CURIE OTTAWA CITY ON	CA

Certificate #: 8-4076-91-
Application Year: 91
Issue Date: 10/3/1991
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: INSTALL EMERGENCY DIESEL GENERATOR
Contaminants: Nitrogen Oxides, Sulphur Dioxide
Emission Control: No Controls

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	3 of 3	NNE/222.7	71.2 / 2.75	10 MARIE CURIE PRIVATE, OTTAWA ON	INC

Incident No: 1715094
Incident ID:
Instance No:
Status Code:
Attribute Category: FS-Perform L1 Incident Insp
Context:
Date of Occurrence: 2015/09/03 00:00:00
Time of Occurrence: NULL
Incident Created On:
Instance Creation Dt:
Instance Install Dt:
Occur Insp Start Date: 2015/09/16 00:00:00
Approx Quant Rel:
Tank Capacity:
Fuels Occur Type: Liquid Petroleum Spill
Fuel Type Involved: Fuel Oil
Enforcement Policy: NULL
Prc Escalation Req: NULL
Tank Material Type:
Tank Storage Type:
Tank Location Type:
Pump Flow Rate Cap:
Task No: 5855498
Notes:
Drainage System:
Sub Surface Contam.:
Aff Prop Use Water:
Contam. Migrated:
Contact Natural Env:
Incident Location: 10 MARIE CURIE PRIVATE, OTTAWA - LEAK
Occurence Narrative: SPILL THROUGH DAY TANK VENT TO ROOF
Operation Type Involved: Institution (incl.hospital,school,government etc.)
Item:
Item Description:
Device Installed Location:

Any Health Impact: No
Any Enviro Impact: No
Service Interrupted: No
Was Prop Damaged: No
Reside App. Type:
Commer App. Type:
Indus App. Type:
Institut App. Type:
Venting Type:
Vent Conn Mater:
Vent Chimney Mater:
Pipeline Type:
Pipeline Involved:
Pipe Material:
Depth Ground Cover:
Regulator Location:
Regulator Type:
Operation Pressure:
Liquid Prop Make:
Liquid Prop Model:
Liquid Prop Serial No:
Liquid Prop Notes:
Equipment Type:
Equipment Model:
Serial No:
Cylinder Capacity:
Cylinder Cap Units:
Cylinder Mat Type:
Near Body of Water:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	1 of 1	NE/229.0	70.9 / 2.47	ON	BORE

Borehole ID: 613378
Inclin FLG: No

OGF ID:	215514675	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:		***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.420343
Total Depth m:	-999	***Longitude DD:***	-75.680745
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	446741
Drill Method:		***Northing:***	5029872
Orig Ground Elev m:	68.6	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	68.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218394876	***Mat Consistency:***	Stiff
Top Depth:	3.7	***Material Moisture:***	
Bottom Depth:	4.6	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY. GREY,STIFF,FISSILE.		

Geology Stratum ID:	218394877	***Mat Consistency:***	Stiff
Top Depth:	4.6	***Material Moisture:***	
Bottom Depth:	6.1	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY. GREY,STIFF,FISSILE.		

Geology Stratum ID:	218394875	***Mat Consistency:***	Compact
Top Depth:	.9	***Material Moisture:***	
Bottom Depth:	3.7	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY. BROWN,COMPACT,FISSILE.		

Geology Stratum ID:	218394874	***Mat Consistency:***	Compact
Top Depth:	.6	***Material Moisture:***	
Bottom Depth:	.9	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND. COMPACT.		

Geology Stratum ID: 218394879
Top Depth: 7.3
Bottom Depth: 10.4
Material Color:
Material 1: Till
Material 2: Boulders
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: TILL. LOOSE.

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

Geology Stratum ID: 218394873
Top Depth: 0
Bottom Depth: .6
Material Color:
Material 1: Fill
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: FILL.

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

Geology Stratum ID: 218394878
Top Depth: 6.1
Bottom Depth: 7.3
Material Color: Grey
Material 1: Silt
Material 2: Clay
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SILT. GREY,LOOSE,BEDDED.

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

Geology Stratum ID: 218394880
Top Depth: 10.4
Bottom Depth:
Material Color:
Material 1: Till
Material 2: Sand
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: TILL. COMPACT. 0 010 0000000700050016000750190010007 3 010 00175 008 00200 011 **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: M
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 058860 NTS_Sheet: 31G05G
Confiden 1: Reliable information but incomplete.

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

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)

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

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

Source Originators: Geological Survey of Canada

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44 **1 of 7** **NE/235.5** **70.9 / 2.47** **150 Louis Pasteur OTTAWA ON K1N 6N5** **CA**

Certificate #: 8572-4HMS5K
Application Year: 00
Issue Date: 3/28/00
Approval Type: Industrial air
Status: Approved
Application Type: New Certificate of Approval
Client Name: University of Ottawa
Client Address: 100 Thomas More, P.O. Box 450, Station 'A'
Client City: OTTAWA
Client Postal Code: K1N 6N5
Project Description: The installation of two exhaust systems equipped with two fume hoods, two flexible exhaust arms, two storage cabinets, two fans, two stacks and associated stainless steel duct work.
Contaminants:
Emission Control: No Controls

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44 **2 of 7** **NE/235.5** **70.9 / 2.47** **University of Ottawa 150 Louis Pasteur Ottawa ON** **ECA**

Approval No: 0653-8YAPLC
Approval Date: 10/10/2012
Status: Approved
Record Type:
Link Source:
SWP Area Name:
Approval Type:
Project Type: Air/Noise
Business Name:
Address:
Full Address:
Full PDF Link:
MOE District:
City: Ottawa
Longitude:
Latitude:
Geometry X:
Geometry Y:

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44 **3 of 7** **NE/235.5** **70.9 / 2.47** **PCL CONSTRUCTORS CANADA INC 150 LOUIS-PASTEUR PVT OTTAWA ON K1N 6N5** **EASR**

Approval No: R-009-3683746872
Status: REMOVED
Date: 2016-12-05
Record Type: EASR
Link Source: MOFA
Project Type: Water Taking - Construction Dewatering
Full Address:
Approval Type: EASR-Water Taking - Construction Dewatering
Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2027700
SWP Area Name: Rideau Valley
MOE District: Ottawa
Municipality: OTTAWA
Latitude: 45.42055556
Longitude: -75.68027778
Geometry X:
Geometry Y:

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44 **4 of 7** **NE/235.5** **70.9 / 2.47** **University of Ottawa 150 Louis Pasteur Pvt Ottawa ON K1N 1E3** **ECA**

Approval No: 8572-4HMS5K
Approval Date: 2000-03-28
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
MOE District:
City:
Longitude:
Latitude:
Geometry X:

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

SWP Area Name: **Geometry Y:**
Approval Type: ECA-AIR
Project Type: AIR
Business Name: University of Ottawa
Address: 150 Louis Pasteur Pvt
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2643-4EJRGA-14.pdf

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44 **5 of 7** **NE/235.5** **70.9 / 2.47** **University of Ottawa**
150 Louis Pasteur
Ottawa ON K1N 6N5 **ECA**

Approval No: 0653-8YAPLC **MOE District:**
Approval Date: 2012-10-10 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-AIR
Project Type: AIR
Business Name: University of Ottawa
Address: 150 Louis Pasteur
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6997-85BKUF-14.pdf

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44 **6 of 7** **NE/235.5** **70.9 / 2.47** **University of Ottawa**
150 Louis Pasteur Pvt
Ottawa ON K1N 7B7 **ECA**

Approval No: 0625-B9KQJV **MOE District:**
Approval Date: 2019-03-05 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: University of Ottawa
Address: 150 Louis Pasteur Pvt
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4435-B24P4M-13.pdf

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44 **7 of 7** **NE/235.5** **70.9 / 2.47** **UNIVERSITY OF OTTAWA / UNIVERSITE D'OTTAWA**
150 Louis-Pasteur
Ottawa ON K1N 6N5 **EASR**

Approval No: R-010-2111717883 **SWP Area Name:** Rideau Valley
Status: REGISTERED **MOE District:** Ottawa
Date: 2019-11-11 **Municipality:** Ottawa
Record Type: EASR **Latitude:** 45.42444444
Link Source: MOFA **Longitude:** -75.68333333
Project Type: Air Emissions **Geometry X:**
Full Address: **Geometry Y:**
Approval Type: EASR-Air Emissions
Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2192119

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45 **1 of 2** **NNE/243.0** **70.9 / 2.47** **Biology Building**
20 Marie Curie Street **CA**

Ottawa ON

Certificate #:	3392-57RLG6
Application Year:	02
Issue Date:	5/8/02
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	University of Ottawa
Client Address:	141 Louis Pasteur Street, P.O. Box 450, Station A
Client City:	Ottawa
Client Postal Code:	K1N 6N5
Project Description:	Rooftop Stormwater Management Facility
Contaminants:	
Emission Control:	

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45 | ***2 of 2*** | ***NNE/243.0*** | ***70.9 / 2.47*** | ***University of Ottawa 20 Marie Curie St Ottawa ON K1N 6N5*** | ***ECA***

Approval No:	3392-57RLG6	***MOE District:***	
Approval Date:	2002-05-08	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	University of Ottawa		
Address:	20 Marie Curie St		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3579-56XTN2-14.pdf		

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46 | ***1 of 1*** | ***E/244.5*** | ***68.7 / 0.26*** | ***COLONEL BY DR. Ottawa ON*** | ***WWIS***

Well ID:	7155886	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	12/8/2010
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:	Z120947	***Owner:***	
Tag:	A104506	***Street Name:***	COLONEL BY DR.
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7155886.pdf

Bore Hole Information

Bore Hole ID:	1003433880	**Elevation:**	66.075935
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446835
Code OB Desc:		**North83:**	5029696
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	10/20/2010	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003638848
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	68
Mat3 Desc:	DRY
Formation Top Depth:	0
Formation End Depth:	.91
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1003638849
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	.91
Formation End Depth:	3.1
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1003638850
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	91
Mat3 Desc:	WATER-BEARING

Formation Top Depth:	3.1
Formation End Depth:	6.1
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003638854
Layer:	3
Plug From:	2.74
Plug To:	6.1
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003638853
Layer:	2
Plug From:	0.31
Plug To:	2.74
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003638852
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1003638860
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	DIRECT PUSH

Pipe Information

Pipe ID:	1003638847
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003638856
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.1
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1003638857
Layer:	1
Slot:	10
Screen Top Depth:	3.1
Screen End Depth:	6.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1003638855
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1003638851
Diameter:	8.25
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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47 | ***1 of 3*** | ***S/249.6*** | ***62.5 / -5.89*** | ***City of Ottawa***
Delaware Avenue and Robert Street
Ottawa ON | ***CA***

Certificate #:	5544-5YHNKM
Application Year:	2004
Issue Date:	4/30/2004
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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47 | ***2 of 3*** | ***S/249.6*** | ***62.5 / -5.89*** | ***City of Ottawa***
Delaware Avenue and Robert St
Ottawa ON K2G 6J8 | ***ECA***

Approval No:	5289-5XSQN4	**MOE District:**	
Approval Date:	2004-04-13	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	
SWP Area Name:		**Geometry Y:**	
Approval Type:	ECA-Municipal Drinking Water Systems		
Project Type:	Municipal Drinking Water Systems		
Business Name:	City of Ottawa		
Address:	Delaware Avenue and Robert St		
Full Address:			
Full PDF Link:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
47	3 of 3	S/249.6	62.5 / -5.89	City of Ottawa Delaware Avenue and Robert St Ottawa ON K2G 6J8	ECA

Approval No:	5544-5YHNKM	**MOE District:**	
Approval Date:	2004-04-30	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	
SWP Area Name:		**Geometry Y:**	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Delaware Avenue and Robert St
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6506-5XLR38-14.pdf

Unplottable Summary

Total: 64 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	OTTAWA CITY	MACLAREN ST. COMBINED SEWERS	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	MACLAREN ST/BANK ST/CARTIER ST	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	MACLAREN ST./ROBERT ST./Q.E.DR	OTTAWA CITY ON	
CA		Lewis St, MacDonald St, Gilmour St & Robert St	Ottawa ON	
CA		Waverley Street	Ottawa ON	
CA		Lewis St, MacDonald St, Gilmour St, and Robert St	Ottawa ON	
CA		Waverley Street	Ottawa ON	
CA		Waverley Street	Ottawa ON	
CA	R. W. Tomlinson Limited		Ottawa ON	
CA	City of Ottawa	Bounded by Queen Elizabeth Dr. (E), Bronson Ave. (W), Gilmour St. (N) and Fifth	Ottawa ON	
CA	R. W. Tomlinson Limited		Ottawa ON	
CA	City of Ottawa	Gilmour Street (O'Connor to Metcalfe Streets)	Ottawa ON	
CA	R. W. Tomlinson Limited		Ottawa ON	
CA	R. W. Tomlinson Limited		Ottawa ON	
CA	R. W. Tomlinson Limited		Ottawa ON	
CA	OTTAWA CITY	QUEEN ELIZABETH DRIVEWAY	OTTAWA CITY ON	
CA	OTTAWA CITY	LEWIS STREET	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	GILMOUR STREET	OTTAWA CITY ON	

CA	UNIVERSITY OF OTTAWA - CAMPUS	MARIE CURRIE/GLINSKI	OTTAWA CITY ON	
CA	UNIVERSITY OF OTTAWA	MARIE CURRIE/GLINSKI - CAMPUS	OTTAWA CITY ON	
CA	R. W. Tomlinson Limited	Mobile Facility	Ottawa ON	
CA	OTTAWA CITY SOMERSET STREET W.	THE DRIVEWAY	OTTAWA CITY ON	
CONV	SHELL CANADA PRODUCTS LIMITED		DON MILLS ON	
CONV	R. W. Tomlinson Limited		Ottawa ON	
EBR	R. W. Tomlinson Limited	Ontario CITY OF OTTAWA	ON	
EBR	R. W. Tomlinson Limited	Ontario CITY OF OTTAWA	ON	
EBR	R. W. Tomlinson Limited	Mobile Facility Ottawa CITY OF OTTAWA	ON	
EBR	R. W. Tomlinson Limited	Mobile Facility Ottawa CITY OF OTTAWA	ON	
ECA	R. W. Tomlinson Limited	Mobile Facility	Ottawa ON	K1G 3N4
ECA	SNC-Lavalin Constructors (Pacific) Inc., Dragados Canada, Inc. and EllisDon	Corporation operating as OLRT Constructors Booth St	Ottawa ON	K1Z 1G3
ECA	R. W. Tomlinson Limited	Ottawa	ON	
ECA	Shell Canada Limited	Nepean	Ottawa ON	M2N 6Y2
ECA	SNC-Lavalin Constructors (Pacific) Inc., Dragados Canada, Inc., and EllisDon	Corporation	Ottawa ON	K1Z 1G3
ECA	R. W. Tomlinson Limited	Mobile	Ottawa ON	K2J 6K7
ECA	City of Ottawa	Waverly St., Elgin St., Gilmour St., And Cartier St.	Ottawa ON	K1P 1J1
ECA	R. W. Tomlinson Limited	Mobile Facility	Ottawa ON	K1G 3N4
ECA	Dragados Canada, Inc., Ellis-Don Corporation, and SNC-Lavalin Constructors	(Pacific) Inc. Bayview	Ottawa ON	K1Z 1G3
GEN	Dragados Tomlinson JV	Trans Canada Trail, Site 6	Ottawa ON	K1A 0J1
GEN	Dragados Tomlinson JV	Trans Canada Trail, Site 6	Ottawa ON	K1A 0J1
INC		NICHOLAS ST, OTTAWA	ON	

NDFT		COLONEL DR BY OTTAWA	ON
PINC	PIPELINE HIT - 1/2"	DES SOLDATES ST,,OTTAWA,ON,,CA	ON
SPL	Shell Canada Products Limited	Shell Canada	Ottawa ON
SPL	UNIVERSITY OF OTTAWA		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		Right of way on Nicholas St.	Ottawa ON
SPL	Enbridge Gas Distribution Inc.	Colonel By Drive building 10, Carleton University	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	R W Tomlinson		Ottawa ON
SPL		Colonel By Drive	Ottawa ON
SPL	SHELL CANADA PRODUCTS LTD.	SERVICE STATION	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	PCL Constructors Canada Inc.		Ottawa ON
SPL	OLRT Constructors	Road allowance between Broken Front Concessions C and D in front of Lot D geographic township of Nepean	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	CARLTON UNIVERSITY	RIDEAU RIVER, @ CARLTON UNIVERSITY COLONEL BYE DRIVE OTTAWA	OTTAWA CITY ON

SPL	UNKNOWN	AT UNIVERSITY OF OTTAWA CAMPUS	OTTAWA CITY ON
SPL		Colonel By Dr	Ottawa ON
SPL		Colonel By Street and Rideau Canal	Ottawa ON

Unplottable Report

Site: ***OTTAWA CITY***
MACLAREN ST. COMBINED SEWERS OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0270-97-
Application Year: 97
Issue Date: 5/7/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF OTTAWA-CARLETON***
MACLAREN ST/BANK ST/CARTIER ST OTTAWA CITY ON

Database: ***CA***

Certificate #: 7-0590-97-
Application Year: 97
Issue Date: 7/7/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF OTTAWA-CARLETON***
MACLAREN ST./ROBERT ST./Q.E.DR OTTAWA CITY ON

Database: ***CA***

Certificate #: 7-0341-99-
Application Year: 99
Issue Date: 5/21/1999
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:
Lewis St, MacDonald St, Gilmour St & Robert St Ottawa ON

Database: ***CA***

Certificate #: 2454-4X3N3J
Application Year: 01

Issue Date: 5/31/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 111 Sussex Drive, 7th Floor
Client City: Ottawa
Client Postal Code: K1N 5A1
Project Description: This application is for the reconstruction of combined sewers in Lewis Street, MacDonald Street, Gilmour Street and Robert Street.
Contaminants:
Emission Control:

Site:
Waverley Street Ottawa ON

Database: ***CA***

Certificate #: 2252-4L5L5A
Application Year: 00
Issue Date: 6/14/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 111 Sussex Drive, 7th Floor
Client City: Ottawa
Client Postal Code: K1N 5A1
Project Description: Combined Sewers
Contaminants:
Emission Control:

Site:
Lewis St, MacDonald St, Gilmour St, and Robert St Ottawa ON

Database: ***CA***

Certificate #: 2865-4X3HKA
Application Year: 01
Issue Date: 5/31/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 111 Sussex Drive, 7th Floor
Client City: Ottawa
Client Postal Code: K1N 5A1
Project Description: This application is for the reconstruction of watermain andappurtenances in Lewis Street, MacDonald Street, Gilmour Street, Waverley Street and Robert Street.
Contaminants:
Emission Control:

Site:
Waverley Street Ottawa ON

Database: ***CA***

Certificate #: 5545-57HJZ7
Application Year: 02
Issue Date: 2/19/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: City of Ottawa
Client Postal Code: K1P 1J1
Project Description: This application is for the replacement of combined sewers on Waverley Street from Robert Street to Queen Elizabeth Driveway, in the City of Ottawa.
Contaminants:
Emission Control:

Site:
Waverley Street Ottawa ON

Database:
CA

Certificate #:	0020-4J3R8L
Application Year:	00
Issue Date:	4/6/00
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
Contaminants:	
Emission Control:	

Site: ***R. W. Tomlinson Limited***
Ottawa ON

Database:
CA

Certificate #:	1266-7RRSDS
Application Year:	2009
Issue Date:	5/29/2009
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***City of Ottawa***
Bounded by Queen Elizabeth Dr. (E), Bronson Ave. (W), Gilmour St. (N) and Fifth Ottawa ON

Database:
CA

Certificate #:	2534-7ZMSTA
Application Year:	2010
Issue Date:	1/29/2010
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. W. Tomlinson Limited***
Ottawa ON

Database:
CA

Certificate #:	3830-82GLKG
Application Year:	2010
Issue Date:	2/24/2010
Approval Type:	Industrial Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	

Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Gilmour Street (O'Connor to Metcalfe Streets) Ottawa ON

Database: ***CA***

Certificate #: 6597-5PZN2S
Application Year: 2003
Issue Date: 8/8/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R. W. Tomlinson Limited***
Ottawa ON

Database: ***CA***

Certificate #: 6924-5YWQ3U
Application Year: 2004
Issue Date: 5/19/2004
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R. W. Tomlinson Limited***
Ottawa ON

Database: ***CA***

Certificate #: 8392-5RPJWW
Application Year: 2004
Issue Date: 5/5/2004
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R. W. Tomlinson Limited***
Ottawa ON

Database: ***CA***

Certificate #: 9313-5N5KXL
Application Year: 2005
Issue Date: 5/3/2005

Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***OTTAWA CITY***
QUEEN ELIZABETH DRIVEWAY OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1225-89-
Application Year: 89
Issue Date: 6/27/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***OTTAWA CITY***
LEWIS STREET OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0978-95-
Application Year: 95
Issue Date: 9/18/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF OTTAWA-CARLETON***
GILMOUR STREET OTTAWA CITY ON

Database: ***CA***

Certificate #: 7-0854-87-
Application Year: 87
Issue Date: 6/19/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNIVERSITY OF OTTAWA - CAMPUS***

Database: ***CA***

MARIE CURRIE/GLINSKI OTTAWA CITY ON

Certificate #: 7-0118-91-
Application Year: 91
Issue Date: 2/18/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNIVERSITY OF OTTAWA***
MARIE CURRIE/GLINSKI - CAMPUS OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0127-91-
Application Year: 91
Issue Date: 2/18/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R. W. Tomlinson Limited***
Mobile Facility Ottawa ON

Database: ***CA***

Certificate #: 9590-85TJS9
Application Year: 2010
Issue Date: 7/29/2010
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***OTTAWA CITY SOMERSET STREET W.***
THE DRIVEWAY OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0452-88-
Application Year: 88
Issue Date: 4/12/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:

Emission Control:

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: ***R. W. Tomlinson Limited***
Ottawa ON

Database: ***CONV***

File No: 082173
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: On January 13, 2011, R. W. Tomlinson Limited was convicted of establishing a new or existing sewage works and operating a sewage works without a Certificate of Approval. The Court heard that the company operates a quarry in Ottawa. A routine inspection by the ministry conducted on June 16, 2009 revealed settling ponds from an aggregate wash operation were on site and in operation. These ponds were not part of any existing sewage works approval. The company was charged following an investigation by the ministry's Investigations and Enforcement Branch. The company was convicted and fined a total of $12,000 plus a victim fine surcharge and given 30 days to pay the fine.
Background:
URL:

Location:
Region:
Ministry District:

Additional Details

Publication Date:
Count: 1
Act:

Regulation:
Section:
Act/Regulation/Section:
Date of Offence:
Date of Conviction:
Date Charged: January 13, 2011
Charge Disposition: fine, victim fine surcharge
Fine: $12,000
Synopsis:

Site: ***R. W. Tomlinson Limited***
Ontario CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: 012-3178
Ministry Ref No: 6198-9PALQX
Notice Type: Instrument Decision
Notice Stage:
Notice Date: August 01, 2018
Proposal Date: December 08, 2014
Year: 2014
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: Environmental Compliance Approval (project type: air) - EPA Part II.1-air
Off Instrument Name:
Posted By:
Company Name: R. W. Tomlinson Limited(EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Site Address:
Location Other:
Proponent Name: R. W. Tomlinson Limited
Proponent Address: 100 CitiGate Drive
Ottawa Ontario
Canada K2J 6K7
Comment Period:
URL: http://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTI0MDMz&statusId=MjA2NzEw&language=en

Site Location Details:

Ontario
CITY OF OTTAWA

Site: ***R. W. Tomlinson Limited***
Ontario CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: 012-3174
Ministry Ref No: 1482-9PALMZ
Notice Type: Instrument Decision
Notice Stage:
Notice Date: March 08, 2019
Proposal Date: December 04, 2014
Year: 2014
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: Environmental Compliance Approval (project type: air) - EPA Part II.1-air
Off Instrument Name:
Posted By:
Company Name:
Site Address:
Location Other:
Proponent Name: R. W. Tomlinson Limited
Proponent Address: 5597 Power Road
Ottawa Ontario
Canada K1G 3N4
Comment Period:
URL: http://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTI0MDI3&statusId=MjA5NDA4&language=en

Site Location Details:

Ontario
CITY OF OTTAWA

Site: ***R. W. Tomlinson Limited***
Mobile Facility Ottawa CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: 011-0219
Ministry Ref No: 5698-7Q4PZC
Notice Type: Instrument Decision
Notice Stage:
Notice Date: August 04, 2010
Proposal Date: June 07, 2010
Year: 2010
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: R. W. Tomlinson Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 5597 Power Road, Gloucester Ontario, Canada K1G 3N4
Comment Period:
URL:

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

Site Location Details:

Mobile Facility Ottawa CITY OF OTTAWA

Site: ***R. W. Tomlinson Limited***
Mobile Facility Ottawa CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: 011-3878
Ministry Ref No: 4690-8H9G82
Notice Type: Instrument Decision
Notice Stage:
Notice Date: October 31, 2016
Proposal Date: June 16, 2011
Year: 2011
Instrument Type: (EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Off Instrument Name:
Posted By:
Company Name: R. W. Tomlinson Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 5597 Power Road, Gloucester Ontario, Canada K1G 3N4
Comment Period:
URL:

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

Site Location Details:

Mobile Facility Ottawa CITY OF OTTAWA

Site: ***R. W. Tomlinson Limited***
Mobile Facility Ottawa ON K1G 3N4

Database: ***ECA***

Approval No: 9590-85TJS9
Approval Date: 2010-07-29
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-AIR
Project Type: AIR

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

Business Name: R. W. Tomlinson Limited
Address: Mobile Facility
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5698-7Q4PZC-14.pdf

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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:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: SNC-Lavalin Constructors (Pacific) Inc., Dragados Canada, Inc. and EllisDon Corporation operating as OLRT Constructors
Address: Booth St
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0563-A33SMJ-14.pdf

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Site: ***R. W. Tomlinson Limited Ottawa ON***

Database: ***ECA***

Approval No: 4956-8TRRJU
Approval Date: 5/25/2012
Status: Approved
Record Type:
Link Source:
SWP Area Name:
Approval Type:
Project Type: Air/Noise
Business Name:
Address:
Full Address:
Full PDF Link:
MOE District:
City: Ottawa
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***Shell Canada Limited Nepean Ottawa ON M2N 6Y2***

Database: ***ECA***

Approval No: 1454-96LJDX
Approval Date: 2013-04-19
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Shell Canada Limited
Address: Nepean
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6976-92AQLQ-14.pdf
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***SNC-Lavalin Constructors (Pacific) Inc., Dragados Canada, Inc., and EllisDon Corporation Ottawa ON K1Z 1G3***

Database: ***ECA***

Approval No: 3474-99NHUQ
Approval Date: 2013-08-07
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: SNC-Lavalin Constructors (Pacific) Inc., Dragados Canada, Inc., and EllisDon Corporation
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2982-99JLHL-14.pdf

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Site: ***R. W. Tomlinson Limited***
Mobile Ottawa ON K2J 6K7

Database: ***ECA***

Approval No: 8862-BXJ5XS
Approval Date: 2021-02-05
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-AIR
Project Type: AIR
Business Name: R. W. Tomlinson Limited
Address: Mobile
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9548-BMBLEZ-14.pdf

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Site: ***City of Ottawa***
Waverly St., Elgin St., Gilmour St., And Cartier St. Ottawa ON K1P 1J1

Database: ***ECA***

Approval No: 3773-A6BH8E
Approval Date: 2016-02-11
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Waverly St., Elgin St., Gilmour St., And Cartier St.
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0094-9ZXRAY-14.pdf

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Site: ***R. W. Tomlinson Limited***
Mobile Facility Ottawa ON K1G 3N4

Database: ***ECA***

Approval No: 3301-AEPJ5R
Approval Date: 2016-10-25
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-AIR
Project Type: AIR
Business Name: R. W. Tomlinson Limited
Address: Mobile Facility
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4690-8H9G82-14.pdf

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Site: ***Dragados Canada, Inc., Ellis-Don Corporation, and SNC-Lavalin Constructors (Pacific) Inc. Bayview Ottawa ON K1Z 1G3***

Database: ***ECA***

Approval No: 1859-AF6QZE
Approval Date: 2016-11-03
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name:	Dragados Canada, Inc., Ellis-Don Corporation, and SNC-Lavalin Constructors (Pacific) Inc.
Address:	Bayview
Full Address:	
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6808-AEMNM5-14.pdf

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Site: ***Dragados Tomlinson JV***
Trans Canada Trail, Site 6 Ottawa ON K1A 0J1

Database: ***GEN***

Generator No:	ON8254339	***PO Box No:***	
Status:	Registered	***Country:***	Canada
Approval Years:	As of Jul 2020	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	150 L
Waste Class Desc:	Inert organic wastes

Site: ***Dragados Tomlinson JV***
Trans Canada Trail, Site 6 Ottawa ON K1A 0J1

Database: ***GEN***

Generator No:	ON8254339	***PO Box No:***	
Status:	Registered	***Country:***	Canada
Approval Years:	As of Dec 2018	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	150 L
Waste Class Desc:	Inert organic wastes

Site:
NICHOLAS ST, OTTAWA ON

Database: ***INC***

Incident No:	1990104	***Any Health Impact:***	No
Incident ID:		***Any Enviro Impact:***	No
Instance No:		***Service Interrupted:***	Yes
Status Code:		***Was Prop Damaged:***	No
Attribute Category:	FS-Perform L1 Incident Insp	***Reside App. Type:***	
Context:		***Commer App. Type:***	
Date of Occurrence:	2016/12/08 00:00:00	***Indus App. Type:***	
Time of Occurrence:	10:30:00	***Institut App. Type:***	
Incident Created On:		***Venting Type:***	
Instance Creation Dt:		***Vent Conn Mater:***	
Instance Install Dt:		***Vent Chimney Mater:***	
Occur Insp Start Date:	2016/12/14 00:00:00	***Pipeline Type:***	
Approx Quant Rel:		***Pipeline Involved:***	
Tank Capacity:		***Pipe Material:***	
Fuels Occur Type:	Vapour Release	***Depth Ground Cover:***	
Fuel Type Involved:	Propane	***Regulator Location:***	
Enforcement Policy:	NULL	***Regulator Type:***	
Prc Escalation Req:	NULL	***Operation Pressure:***	
Tank Material Type:		***Liquid Prop Make:***	
Tank Storage Type:		***Liquid Prop Model:***	
Tank Location Type:		***Liquid Prop Serial No:***	
Pump Flow Rate Cap:		***Liquid Prop Notes:***	
Task No:	6465156	***Equipment Type:***	

Notes:
Drainage System:
Sub Surface Contam.:
Aff Prop Use Water:
Contam. Migrated:
Contact Natural Env:
Incident Location: NICHOLAS ST, OTTAWA - VAPOUR RELEASE
Occurence Narrative: The 2inch hose swivel sprong a leak 1 days after installation, test and use.
Operation Type Involved: Other - Specify
Item:
Item Description:
Device Installed Location:
Equipment Model:
Serial No:
Cylinder Capacity:
Cylinder Cap Units:
Cylinder Mat Type:
Near Body of Water:

Site: ***COLONEL DR BY OTTAWA ON***
Database: ***NDFT***

Property Id: K13545
Base Name: DG REALTY POLICY AND PLANS
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Bulk Storage
Install Year: 1999
Tank Type: Aboveground Shop-fabricated
Last Year Used: 1999
Tank Contents: Diesel
Capacity (L): 11142

Site: ***PIPELINE HIT - 1/2"*** ***DES SOLDATES ST,,OTTAWA,ON,,CA ON***
Database: ***PINC***

Incident ID:
Incident No: 1923654
Incident Reported Dt: 8/16/2016
Type: FS-Pipeline Incident
Status Code:
Customer Acct Name: PIPELINE HIT - 1/2"
Incident Address: DES SOLDATES ST,,OTTAWA,ON,,CA
Tank Status: Non Mandated
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:
Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interupt:
Enforce Policy:
Public Relation:
Pipeline System:
Depth:
Pipe Material:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

Site: ***Shell Canada Products Limited*** ***Shell Canada Ottawa ON***
Database: ***SPL***

Ref No: 6267-5M2K7H
Site No:
Incident Dt: 4/28/2003
Year:
Incident Cause:
Incident Event:
Contaminant Code: 12
Contaminant Name: GASOLINE
Discharger Report:
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
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: ***UNIVERSITY OF OTTAWA***
OTTAWA CITY ON

Database: ***SPL***

Ref No:	95052	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	12/29/1993	***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:	POSSIBLE	***Site Municipality:***	20101
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	1/4/1994	***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:	UNIVERSITY OF OTTAWA: 180L BUNKER C FUEL TO GROUNDFROM STORAGE TANK.		
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:	16382	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	3/27/1989	***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:		***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	3/27/1989	***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:	UPLANDS AIRPORT - 20 L OF JET FUEL TO GROUND.		
Contaminant Qty:			

Site: ***SHELL CANADA PRODUCTS LTD.***
TANK TRUCK (CARGO) OTTAWA CITY ON

Database: ***SPL***

Ref No:	21872	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	7/11/1989	***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:		***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:	7/11/1989	***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 REFUELING VEHICLE- 70 L AVIATION FUEL TO GROUND.		
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:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	8/7/1989	***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- 4.5 LTR SPILL OF JET FUEL AT UPLANDS AIRPORT		
Contaminant Qty:			

Site:
Right of way on Nicholas St. Ottawa ON

Database: ***SPL***

Ref No:	7164-AGFPMK	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2016/12/08	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Miscellaneous Industrial
Incident Event:	Leak/Break	***Agency Involved:***	
Contaminant Code:	36	***Nearest Watercourse:***	
Contaminant Name:	PROPANE	***Site Address:***	Right of way on Nicholas St.
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:	Air	***Northing:***	5029971
MOE Response:	No	***Easting:***	446517
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2016/12/08	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Air Spills - Gases and Vapours
Incident Reason:	Unknown / N/A	***Source Type:***	
Site Name:	Ottawa Light Rail Project<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OLRT: Propane gas lost to atmosphere - Made safe		
Contaminant Qty:	0 other - see incident description		

Site: ***Enbridge Gas Distribution Inc.***
Colonel By Drive building 10, Carleton University Ottawa ON

Database: ***SPL***

Ref No:	7565-ADJP4L	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	9/6/2016	***Health/Env Conseq:***	
Year:		***Client Type:***	

Incident Cause:		***Sector Type:***	Miscellaneous Industrial
Incident Event:	Leak/Break	***Agency Involved:***	
Contaminant Code:	35	***Nearest Watercourse:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Address:***	Colonel By Drive building 10, Carleton University
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:	Air	***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/6/2016	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	***Source Type:***	
Site Name:	commercial<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA: Carleton Unv, 1 inch, safe		
Contaminant Qty:	0 n/a		

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:	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:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/2/1990	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SHELL TANK TRUCK-50 L AVIATION FUEL TO ASPHALT		
Contaminant Qty:			

Site: ***R W Tomlinson***
Ottawa ON

Database: ***SPL***

Ref No:	0423-A2EPDC	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	9/4/2015	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Miscellaneous Industrial
Incident Event:		***Agency Involved:***	
Contaminant Code:	27	***Nearest Watercourse:***	
Contaminant Name:	CONCRETE	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/16/2015	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Land Spills
Incident Reason:	Unknown / N/A	***Source Type:***	
Site Name:	Hurdman Bus terminal Station<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	R W Tomlinson- 10L Concrete Wash-out to ground		
Contaminant Qty:	10 L		

Site:
Colonel By Drive Ottawa ON

Database: ***SPL***

Ref No:	4024-A2TQK9	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	9/29/2015	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Miscellaneous Industrial
Incident Event:		***Agency Involved:***	
Contaminant Code:	12	***Nearest Watercourse:***	Rideau Canal
Contaminant Name:	GASOLINE	***Site Address:***	Colonel By Drive
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/29/2015	***Site Map Datum:***	
Dt Document Closed:	11/23/2015	***SAC Action Class:***	Highway Spills (usually highway accidents)
Incident Reason:	Unknown / N/A	***Source Type:***	

Site Name:	On Colonel By Drive, North of Bank St. Bridge (In vicinity of Rideau Canal)<UNOFFICIAL>
Site County/District:	
Site Geo Ref Meth:	
Incident Summary:	MVA: gasoline to ground/water, Rideau Canal
Contaminant Qty:	1 L

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:	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 FUELTO GROUND DURING FUELLINGCONTAINED, CLEANED UP.		
Contaminant Qty:			

Site: ***PCL Constructors Canada Inc.***

Database: ***SPL***

Ottawa ON

Ref No:	7664-9W4K92	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	5/1/2015	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Vandalism	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:	99	***Nearest Watercourse:***	
Contaminant Name:	WATER	***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:	Surface Water	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	N	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	5/1/2015	***Site Map Datum:***	
Dt Document Closed:	5/28/2015	***SAC Action Class:***	Watercourse Spills
Incident Reason:	Operator/Human Error	***Source Type:***	
Site Name:	47 Ruskin Street<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	100L untreated groundwater to catchbasin		
Contaminant Qty:	100 L		

Site: ***OLRT Constructors***
Road allowance between Broken Front Concessions C and D in front of Lot D geographic township of Nepean
Ottawa ON

Database: ***SPL***

Ref No:	2862-9XEKED	***Discharger Report:***	
Site No:	0706-92ET4A	***Material Group:***	
Incident Dt:	6/12/2015	***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:***	Road allowance between Broken Front Concessions C and D in front of Lot D geographic township of Nepean
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	NA
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:	Land	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	5030149
MOE Response:	N	***Easting:***	446343
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	GIS Software
MOE Reported Dt:	6/12/2015	***Site Map Datum:***	NAD83
Dt Document Closed:		***SAC Action Class:***	Land Spills
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:	Ottawa Light Rail Transit - East Portal		
Site County/District:			
Site Geo Ref Meth:	1-10 metres eg. Good Quality GPS		
Incident Summary:	OLRT: hyd oil to grd, ctnd clng 2 L		
Contaminant Qty:	2 L		

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:	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: ***CARLTON UNIVERSITY***
RIDEAU RIVER, @ CARLTON UNIVERSITY COLONEL BYE DRIVE OTTAWA OTTAWA CITY ON

Database: ***SPL***

Ref No:	125916	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	5/4/1996	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:	Water course or lake	***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:	5/4/1996	***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:	CARLTON U.:INDOOR DIESEL TO SUMP & SMALL AMOUNT TO STORM SEWER: CLEANING		
Contaminant Qty:			

Site: ***UNKNOWN***
AT UNIVERSITY OF OTTAWA CAMPUS OTTAWA CITY ON

Database: ***SPL***

Ref No:	129232	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	7/15/1996	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	UNKNOWN	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20101
Nature of Impact:	Water course or lake	***Site Lot:***	
Receiving Medium:	LAND / WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	WORKS
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	7/15/1996	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SOURCE UNKNOWN: DIESEL FOUND ON STREET & SEWERS,OTTAWA WORKS CLEANED UP.		
Contaminant Qty:			

Site:
Colonel By Dr Ottawa ON

Database: ***SPL***

Ref No:	0872-7U9JD8	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Transport Accident	***Sector Type:***	Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:	Operating Fluids	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Ottawa
Nature of Impact:	Surface Water Pollution	***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:	7/24/2009	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Watercourse Spills
Incident Reason:	Unknown - Reason not determined	***Source Type:***	
Site Name:	Colonel By Drive		
Site County/District:			

Site Geo Ref Meth:
Incident Summary: MVA: op. fluids to Rideau Canal.
Contaminant Qty: 0 other - see incident description

Site:
Colonel By Street and Rideau Canal Ottawa ON

Database:
SPL

Ref No: 2247-765LKU
Site No:
Incident Dt:
Year:
Incident Cause: Other Discharges
Incident Event:
Contaminant Code: 15
Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Surface Water Pollution
Receiving Medium: Water
Receiving Env:
MOE Response: Referral to others
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/16/2007
Dt Document Closed: 9/12/2007
Incident Reason: Unknown - Reason not determined
Site Name: Rideau Canal<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Symphonie Boat taking in water- Rideau Canal
Contaminant Qty: 100 L

Discharger Report:
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type: Other Watercraft
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:
Source Type:

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Dec 31, 2020

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

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

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Apr 2021

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Nov 2020

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Apr 30, 2021

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Jul 31, 2020

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Apr 30, 2021

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Apr 30, 2021

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Apr 30, 2021

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Jan 31, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land 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, 2020

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Apr 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Jan 31, 2021

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES): Federal NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2019

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Mar 31, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Feb 28, 2021

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Apr 30, 2021

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011-Apr 30, 2021

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Oct 31, 2020

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Apr 30, 2021

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2018

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

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

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Dec 31, 2020

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Aug 2020

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2018

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Apr 30, 2021

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Apr 30, 2020

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

Mandy Witteman, B.Eng., M.A.Sc.

POSITION

Intermediate Environmental Engineer

EDUCATION

Carleton University
M.A.Sc., Environmental Engineering, 2013
B.Eng., Environmental Engineering, 2008

MEMBERSHIPS & AWARDS

Ontario Professional Engineers Association (EIT)
NSERC Industry R&D Scholarship

EXPERIENCE

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

2014 – 2015
Thurber Engineering Limited
Oil Sand Tailings Group
Tailings Engineer

2009 – 2014
Carleton University
Department of Civil & Environmental Engineering
Research Engineer, Research Assistant & Teaching Assistant

2008 – 2009
SLR Consulting Limited
Contaminated Sites
Junior Environmental Engineer

SELECTED LIST OF PROJECTS

Phase I & II Environmental Site Assessments – NRC, Kingston
Remediation – National Capital Region, Saskatchewan
Multi-lift and dry-stacking pilot programs – Northern Alberta
Polymer amended oil sand tailings – Northern Alberta
Hydraulic cut-off wall – Allen, Saskatchewan
Cemented paste backfill systems – Northern Ontario

Mark S. D'Arcy, P. Eng.

patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Services

POSITION

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

EDUCATION

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

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

EXPERIENCE

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

SELECT LIST OF PROJECTS

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