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Phase I - Environmental Site Assessment

326 & 330 Wilbrod Street
Ottawa, Ontario

Prepared For

Dolyn Construction Ltd.

March 11, 2022

Report: PE5378-1

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TABLE OF CONTENTS

PAGE

List of Figures

List of Appendices

EXECUTIVE SUMMARY

Paterson Group was retained by Dolyn Construction Ltd. to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for the properties addressed 326 & 330 Wilbrod Street, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and Study Area and to identify any environmental concerns with the potential to have impacted the subject property.

Based on a review of available historical information, the Phase I Property was first developed sometime prior to 1878 with a residential dwelling (330 Wilbrod Street). A second residential dwelling was later constructed sometime in the 1940's (326 Wilbrod Street). No environmental concerns were identified with respect to the historical use of the Phase I Property.

The neighbouring lands in the vicinity of the Phase I Property have historically been developed predominantly for residential purposes, with occasional institutional and commercial land uses. Records of an above ground fuel storage tank were identified for the adjacent property to the south (353 Friel Street), which is considered to represent an APEC on the Phase I Property.

At the time of the site inspection, conducted in July 2021, the Phase I Property was occupied with a vacant residential dwelling (326 Wilbrod Street) and a mixed-use residential and commercial restaurant building (330 Wilbrod Street). A pad-mounted transformer was identified within the backyard of 330 Wilbrod Street, which is considered to represent an APEC on the Phase I Property. It should be noted that these buildings were demolished in January 2022, and the excavations backfilled with fill material, which is considered to represent an APEC on the Phase I Property. Lastly, the historical application of road salt for de-icing purposes during snow and ice conditions on the former parking lot in the northern portion of the site is considered to represent an APEC on the Phase I Property.

The neighbouring lands within the vicinity of the Phase I Property consist mainly of residential properties, with occasional institutional and commercial land uses. No environmental concerns were identified with respect to the neighbouring lands.

Recommendations

Based on the findings of this assessment, it is our opinion that **a Phase II – Environmental Site Assessment will be required for the Phase I Property.**

1.0 INTRODUCTION

At the request of Dolyn Construction Ltd., Paterson Group (Paterson) conducted a Phase I – Environmental Site Assessment (Phase I ESA) for 326 & 330 Wilbrod Street, in the City of Ottawa, Ontario. Together these properties comprise the Phase I Property. The purpose of this Phase I ESA was to research the past and current use of the Phase I Property and Study Area as well as to identify any environmental concerns with the potential to have impacted the Phase I Property.

Paterson was engaged to conduct this Phase I ESA by Mr. Doug Burnside, of Dolyn Construction Ltd. Mr. Burnside can be contacted via telephone at 613-869-2638.

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

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

2.0 PROPERTY INFORMATION

Addresses:	326 & 330 Wilbrod Street, Ottawa, Ontario.
Legal Description:	Part of Lot C, Concession D (Rideau Front), Formerly the Township of Nepean, in the City of Ottawa, Ontario.
Location:	The Phase I Property is located on the south side of Wilbrod Street, between Friel Street and Chapel Street, in the City of Ottawa, Ontario. Refer to Figure 1 – Key Plan, appended to this report.
Latitude and Longitude:	45° 25' 40" N, 75° 40' 48" W

Site Description:

Configuration:	Rectangular
Site Area:	915 m^2 (approximate)
Zoning:	R4 – Residential Fourth Density Zone.
Current Use:	The Phase I Property is currently vacant, however, it was most recently used for a combination of residential and commercial purposes.
Services:	The Phase I Property is located within a municipally serviced area.

3.0 SCOPE OF INVESTIGATION

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

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

4.0 RECORDS REVIEW

4.1 General

Phase I ESA Study Area Determination

A radius of approximately 250 m was determined to be appropriate as a Phase I ESA Study Area for this assignment. Properties located outside of this 250 m radius are not considered to have had the potential to impact the Phase I Property, based on their significant distances.

First Developed Use Determination

Based on a review of available historical information, the Phase I Property was first developed with a residential dwelling (330 Wilbrod Street) sometime prior 1878.

City of Ottawa Street Directories

As part of this assessment, the City of Ottawa street directories for the general area of the Phase I Property were reviewed in approximate ten (10) year intervals, from 1910 to 2011.

During the time period reviewed, the Phase I Property has historically been listed as residential land. The surrounding lands have also been historically listed as residential properties, with the exception of some occasional commercial and institutional lands.

The potentially contaminating activities (PCAs) identified within the Phase I Study Area are summarized below in Table 1:

Table 1: City Directories – PCAs within Phase I Study Area

Address	Potentially Contaminating Activity (Years Listed)	Distance / Orientation from Site	Area of Potential Environmental Concern (Y / N)
Chapel Street			
236 Chapel St. *(Now 234-235 Stewart St.)*	Robillard H + Son, Lime (1910)	120 m North	N
Laurier Avenue East			
218 Laurier Ave. E. *(Now 210 Laurier Ave. E.)*	Betty Brite Dry Cleaners (1979-1990)	225 m Southeast	N

Based on their separation distances, as well as their inferred down-gradient or cross-gradient orientation with respect to anticipated groundwater flow, none of these off-site PCAs are considered to pose an environmental concern to the Phase I Property.

Fire Insurance Plans

Fire insurance plans (FIPs) dated from 1878, 1888, 1912, and 1956 were reviewed for the general area of the Phase I Property and the surrounding lands as part of this assessment.

In the 1878 FIPs, the Phase I Property is shown to be occupied with a single residential dwelling (330 Wilbrod Street). The surrounding lands appear to be developed predominantly for residential purposes, as well as occasional institutional purposes.

In the 1888 FIPs, no significant changes are apparent with respect to the Phase I Property. The surrounding lands appear to be developed with additional residential and/or institutional properties.

In the 1912 FIPs, no significant changes are apparent with respect to the Phase I Property or the surrounding lands, with the exception of an elementary school which can be seen on the adjacent property to the south of the Phase I Property, as well as a lime and cement stone cutting yard which can be seen approximately 120 m to the north.

In the 1956 FIPs, the Phase I Property is now shown to be occupied with a second residential dwelling (326 Wilbrod Street). No significant changes are apparent with respect to the surrounding lands.

The potentially contaminating activities (PCAs) identified within the Phase I Study Area are summarized below in Table 2:

Table 2: Fire Insurance Plans – PCAs within Phase I Study Area

Address	Potentially Contaminating Activity	Distance / Orientation from Site	Area of Potential Environmental Concern (Y / N)
1912 FIPs			
236 Chapel Street *(Now 234-235 Stewart Street)*	Former Lime & Cement Stone Cutting Yard	120 m North	N

Based on its separation distance, as well as its inferred down-gradient orientation with respect to anticipated groundwater flow, the former lime and cement stone cutting yard identified at 236 Chapel Street (now 234-235 Stewart Street) is not considered to pose an environmental concern to the Phase I Property.

4.2 Environmental Source Information

National Pollutant Release Inventory

A search of the National Pollutant Release Inventory (NPRI) was conducted as part of this assessment. The search identified one pollutant release record for 271 Laurier Avenue East, located approximately 135 m to the southeast of the Phase I Property. According to the record, several gaseous substances, likely attributed to a refrigerant leak, were reported to have been released into the air from this property in 2004.

Based on its separation distance, as well as its discharge into the air, this pollutant release is not considered to pose an environmental concern to the Phase I Property.

PCB Waste Storage Site Inventory

A search of the Ontario PCB waste storage site inventory was conducted as part of this assessment. No former PCB waste storage sites were identified on the Phase I Property or within the Phase I Study Area.

MECP Incident Reports

A request was submitted to the MECP Freedom of Information office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants, or inspections maintained by the MECP for the Phase I Property or neighbouring properties. A response from the MECP had not been received prior to the issuance of this report.

MECP Submissions

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions for the Phase I Property. A response from the MECP had not been received prior to the issuance of this report.

MECP Waste Management Records

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records for the Phase I Property. A response from the MECP had not been received prior to the issuance of this report.

MECP Instruments

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

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, *"Municipal Coal Gasification Plant Site Inventory, 1991"* was reviewed as part of this assessment. This document provides a reference to the locations of former plants with respect to the Phase I Property. A review of this document did not identify any former coal gasification plants located on the Phase I Property or within the Phase I Study Area.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, *"Waste Disposal Site Inventory in Ontario, 1991"* was reviewed as part of this assessment. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants, and coal tar distillation plants situated in the Province of Ontario. A review of this document did not identify any relevant records pertaining to the Phase I Property or for properties 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. No Records of Site Condition (RSCs) were identified in the database as having been filed for the Phase I Property or for any properties situated within the Phase I Study Area.

OMNRF Areas of Natural and Scientific Interest (ANSI)

A search for areas of natural and scientific interest (ANSI) situated within the Phase I Study Area was conducted electronically vis the Ontario Ministry of Natural Resources and Forestry (OMNRF) website. No ANSI sites were identified on the Phase I Property or within the Phase I Study Area.

Technical Standards and Safety Authority (TSSA)

The TSSA Fuels Safety Branch in Toronto was contacted electronically, as part of this assessment, to inquire about current and former underground fuel storage tanks, spills, and historical incidents for the Phase I Property and neighbouring properties. The response from the TSSA indicated that no records were identified pertaining to the Phase I Property.

One record of an above ground fuel storage tank was identified for the adjacent property to the south at 353 Friel Street. Based on a review of this record, as well as its close proximity, the presence of this fuel tank is considered to represent an APEC with respect to the Phase I Property.

A copy of the correspondence with the TSSA is included in Appendix 2.

ERIS Database Report

A database report, prepared by ERIS (Environmental Risk Information Services) Ltd., dated July 16, 2021, was acquired and reviewed as part of this assessment. The complete ERIS report has been included in Appendix 2.

- *On-Site Records:*

The ERIS report did not identify any records pertaining to the Phase I Property.

- *Off-Site Records:*

The ERIS report identified 114 records pertaining to properties located within a 250 m radius of the Phase I Property.

The majority of the off-site records identified within a close proximity to the Phase I Property generally pertain to historical ERIS database searches, and thus are not considered to pose an environmental concern to the Phase I Property.

The remaining off-site records identified are listed for properties which are situated at a significant distance away, or are situated in an inferred down-gradient or cross-gradient orientation with respect to anticipated groundwater flow. As a result, these remaining off-site properties are not considered to pose an environmental concern to the Phase I Property.

City of Ottawa Old Landfill Sites

The document prepared by Golder Associates entitled, *"Old Landfill Management Strategy, Phase I - Identification of Sites, City of Ottawa"*, was reviewed as part of this assessment. No former landfill sites were identified on the Phase I Property or within the Phase I Study Area.

City of Ottawa Historical Land Use Inventory (HLUI) Database

As part of this assessment, a requisition form was submitted to the City of Ottawa to request information from the City's Historical Land Use Inventory database for any environmental records pertaining to the Phase I Property as well as any properties situated within the Phase I Study Area.

According to the response from the City, no records were identified for the Phase I Property.

A copy of the search results are included in Appendix 2.

City of Ottawa Former Industrial Sites

The document prepared by Intera Technologies Limited entitled, *"Mapping and Assessment of Former Industrial Sites, City of Ottawa"*, was reviewed as part of this assessment. No former industrial sites were identified on the Phase I Property or within the Phase I Study Area.

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:

1933 *(City of Ottawa)* The Phase I Property appears to be occupied with a single residential dwelling (330 Wilbrod Street) at this time. The surrounding properties appear to be used mainly for residential purposes.

1944 *(City of Ottawa)* A second residential dwelling can be seen on the Phase I Property (326 Wilbrod Street). No significant changes are apparent with respect to the surrounding properties.

1951 *(Poor Scale)* No significant changes are apparent with respect to the Phase I Property or the surrounding properties.

1965 *(City of Ottawa)* No significant changes are apparent with respect to the Phase I Property or the surrounding properties.

1976 *(City of Ottawa) (Poor Scale)* No significant changes are apparent with respect to the Phase I Property or the surrounding properties.

1991 *(City of Ottawa)* An addition appears to have been constructed on to the building at 330 Wilbrod Street. No significant changes are apparent with respect to the surrounding properties.

2002 *(City of Ottawa)* No significant changes are apparent with respect to the Phase I Property or the surrounding properties.

2011 *(City of Ottawa)* No significant changes are apparent with respect to the Phase I Property or the neighbouring properties.

2019 *(City of Ottawa)* No significant changes are apparent with respect to the Phase I Property or the surrounding properties. The Phase I Property appears as it does today.

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

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was reviewed as part of this assessment. Based on the available information, the bedrock in the area of the Phase I Property consists of interbedded limestone and shale of the Verulam Formation. The surficial geology consists of fluvial terraces (sand and silt alluvial sediments), with an overburden thickness ranging from approximately 10 m to 15 m.

Topographic Maps

A topographic map was reviewed from the Natural Resources Canada – The Atlas of Canada website as part of this assessment. The topographic map indicates that the general elevation of the Phase I Property is approximately 70 m above sea level. The regional topography in the general area of the Phase I Property slopes down towards the northwest, in the direction of the Ottawa River. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

A physiographic map was reviewed from the Natural Resources Canada – The Atlas of Canada website, as a part of this assessment. According to the publication and mapping information, the Phase I Property is situated within the St. Lawrence Lowlands. According to the description provided: *"The lowlands are plain-like areas that were affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets."* The Phase I Property is specifically located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

Water Bodies

No water bodies are present on the Phase I Property. The nearest named water body with respect to the Phase I Property is the Rideau River, located approximately 600 m to the east.

MECP Water Well Records

A search of the MECPs website for all drilled well records within a 250 m radius of the Phase I Property was conducted as part of this assessment. The search identified twelve well records within the Phase I Study Area. These records pertain to wells installed between 2008 and 2019 and used for groundwater observation purposes. Based on the availability of municipal services, no drinking water wells are expected to be in use within the Phase I Study Area.

According to the well records, the overburden stratigraphy in the vicinity of the Phase I Property generally consists of topsoil, underlain by brown sand over top of grey silty clay. Bedrock was not encountered at any of the borehole locations during the installation of the aforementioned groundwater monitoring wells.

A select number of the aforementioned well records have been included in Appendix 2.

5.0 PERSONAL INTERVIEWS

Ms. Yuwei Du, the current property manager, was available at the time of the site inspection to respond to questioning about the environmental history of the Phase I Property.

Ms. Du was unaware of any environmental concerns pertaining to the Phase I Property.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

A site inspection was conducted for the Phase I Property on July 21, 2021, between 9:00 AM and 10:00 AM. At that time, the site was occupied by two structures. Weather conditions were sunny, with a temperature of approximately 27°C. Mr. Nick Sullivan, from the Environmental Department of Paterson Group, conducted the inspection.

In addition to the Phase I Property, the uses of neighbouring properties within the Phase I Study Area were also assessed at the time of the site inspection.

6.2 Site Inspection Observations

Site Description

The Phase I Property is currently vacant, however, was most recently occupied with a residential dwelling (326 Wilbrod Street) and a mixed-use commercial and residential building (330 Wilbrod Street). The subject buildings occupied the majority of the Phase I Property area, while the remainder of the site consists of landscaped areas or an asphaltic concrete parking lot. It is suspected that salt would have been used on the parking lot surfaces during conditions of snow or ice. It should be noted that these buildings were demolished in January 2022.

The site topography is relatively flat, whereas the regional topography appears to slope down to the north, in the general direction of the Ottawa River. The Phase I Property is considered to be at grade with respect to the adjacent streets and the neighbouring properties.

Water drainage on the Phase I Property occurs primarily via infiltration within the landscaped areas, as well as via sheet flow towards catch basins located on the adjacent streets. No ponded water, stressed vegetation, surficial staining, or any other indications of potential sub-surface contamination were observed on the Phase I Property at time of the site inspection.

A depiction of the Phase I Property is illustrated on Drawing PE5378-1 – Site Plan, in the Figures section of this report.

Buildings and Structures

At the time of the July 2021 site inspection, the Phase I Property was occupied with two buildings. These were recently demolished in January 2022, however a description of the buildings, as observed during the site inspection, is provided below:

- *326 Wilbrod Street*

  This property was formerly occupied with a three-storey residential dwelling, with one basement level. Built sometime in the 1940's, the subject building was constructed with a poured concrete foundation and was finished on the exterior with brick and concrete siding, in addition to a sloped-shingled roof. The subject building was formerly heated via a natural gas-fired furnace, located in the basement.

- *330 Wilbrod Street*

  This property was formerly occupied with a three-storey, mixed-use residential and commercial building, with one basement level. Built sometime prior to the 1930's, the subject building was constructed with a stone foundation, and was finished on the exterior with brick and vinyl siding, in addition to a sloped-shingled roof. The subject building was formerly heated via a natural gas-fired furnace, located in the basement.

Potential Environmental Concerns

- **Fuels and Chemical Storage**

  No chemical storage areas, above ground storage tanks (ASTs), or signs of underground storage tanks (USTs) were observed on the exterior of the Phase I Property at the time of the site inspection.

- **Hazardous Materials and Unidentified Substances**

  No hazardous materials, unidentified substances, spills, surficial staining, abnormal odours, stressed vegetation, or any other indications of potential sub-surface contamination were observed on the exterior of the Phase I Property at the time of the site inspection.

- **Waste Management**

  At the time of the site inspection, solid, non-hazardous domestic waste and recyclable products were stored in plastic and metal bins adjacent to the exterior of the subject buildings and were collected by either the municipality and/or a licensed contractor on a regular basis. No environmental concerns were identified with respect to waste management practices on the Phase I Property.

- **Polychlorinated Biphenyls (PCBs) and Transformer Oil**

  A pad-mounted transformer was identified within the northern portion of the Phase I Property. At the time of the site inspection, no signs of any transformer oil spills or leaks were observed, however, no other information pertaining to this transformer was available for review. The presence of this transformer is considered to represent an APEC with respect to the Phase I Property.

Interior Assessment

A general description of the interior of the subject buildings is as follows:

- The floors consist of hardwood, ceramic tiles, vinyl floor tiles, carpet, and poured concrete;
- The walls consist of plaster-over-parging, drywall, and concrete block;
- The ceilings consist of drywall, stipple plaster, and plaster-over-parging;
- Lighting throughout the building is provided by incandescent and fluorescent light fixtures.

Potentially Hazardous Building Products

- **Asbestos-Containing Materials (ACMs) and Lead-Based Paints**

  Based on the age of the subject buildings, asbestos containing building materials and lead-based paints were suspected to be potentially present within the structures.

  It should be noted that Paterson conducted a designated substance survey (DSS) for the subject buildings in August 2021. Refer to this report, issued under a separate cover, for more information.

❑ Polychlorinated Biphenyls (PCBs) and Transformer Oil

No potential sources of PCBs were identified inside any of the subject buildings at the time of the site inspection.

❑ Urea Formaldehyde Foam Insulation (UFFI)

UFFI was not observed at the time of the site inspection, however, wall cavities were not inspected for insulation type.

Other Potential Environmental Concerns

❑ Interior Fuel and Chemical Storage

No aboveground fuel storage tanks or signs of underground fuel storage tanks were observed within the subject buildings at the time of the site inspection.

Chemical products identified in the subject buildings were observed to be predominantly limited to domestically available cleaning products, stored properly in their original containers.

No concerns regarding fuel or chemical storage were noted following demolition activities.

❑ Wastewater Discharges

No sump pits or floor drains were observed in the subject buildings at the time of the site inspection.

Wastewater from the subject buildings (wash water and sewage) was discharged into the City of Ottawa sanitary sewer system. Roof drainage was discharged via surface run-off towards catch basins located on the adjacent streets, which drain into the City of Ottawa storm water sewer system. No concerns were identified with respect to wastewater discharge on the Phase I Property.

❑ Ozone Depleting Substances (ODSs)

Potential sources of ODSs observed on-site include refrigerators, freezers, fire extinguishers, and air conditioner units. These appliances appeared to be in good condition at the time of the site inspection and should be regularly serviced by a licensed contractor.

No concerns regarding ODSs were noted following demolition activities.

Neighbouring Properties

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

North: Wilbrod Street, followed by residential dwellings;

South: A low-rise residential apartment building, followed by residential dwellings;

East: Residential dwellings;

West: Friel Street, followed by a commercial retail building and residential dwellings.

No environmental concerns were identified with respect to the current uses of the neighbouring properties. The neighbouring land use within the Phase I Study Area is shown on Drawing PE5378-2 – Surrounding Land Use Plan, in the Figures section of this report.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

Based on a review of available historical information, the Phase I Property was first developed with a residential dwelling sometime prior 1878.

Potentially Contaminating Activities (PCAs)

Based on the findings of this Phase I ESA, four potentially contaminating activities (PCAs), resulting in areas of potential environmental concern (APECs), were identified on the Phase I Property. These APECs include:

- A former pad-mounted electrical transformer, located in the northern portion of the Phase I Property;
- Fill material of unknown quality generated and/or imported on-site following the demolition of two former on-site buildings, located throughout the Phase I Property.
- The application of road salt during snow and/or ice conditions, located in the northern portion of the Phase I Property;
- An aboveground fuel storage tank, located on the adjacent property to the south (353 Friel Street).

Other off-site PCAs were identified within the Phase I Study Area but were deemed not to be of any environmental concern to the Phase II Property based on their separation distances as well as their inferred down-gradient or cross-gradient orientation with respect to anticipated groundwater flow.

Areas of Potential Environmental Concern (APECs)

The areas of potential environmental concern identified in this Phase I ESA are summarized below in Table 3:

Table 3
Areas of Potential Environmental Concern

Area of potential environmental concern	Location of area of potential environmental concern on phase one property	Potentially contaminating activity	Location of PCA (on-site or off-site)	Contaminants of potential concern	Media potentially Impacted (Ground water, soil and/or sediment)
APEC #1 Former Pad-Mounted Transformer	Northern Portion of Phase I Property	*"Item 55: Transformer Manufacturing, Processing and Use"*	On-Site	BTEX PHCs (F_1-F_4) PCBs	Soil and Groundwater
APEC #2 Possible Poor Quality Fill Material	Entirety of Phase I Property	*"Item 30: Importation of Fill Material of Unknown Quality"*	On-Site	PHCs (F_1-F_4) PAHs Metals	Soil
APEC #3 Application of road salt during snow/ice conditions	Northern Portion of Phase I Property	*"No Item Number: Application of Road Salt During Snow and Ice Conditions"*	On-Site	EC SAR	Soil
APEC #4 Existing Aboveground Fuel Storage Tank	Southern Portion of Phase I Property	*"Item 28: Gasoline and Associated Products Storage in Fixed Tanks"*	Off-site	BTEX PHCs (F_1-F_4)	Groundwater

Contaminants of Potential Concern (CPCs)

The contaminants of potential concern (CPCs) associated with the aforementioned APECs are considered to be:

- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX);
- Petroleum Hydrocarbons, fractions 1 – 4 (PHCs F_1-F_4);
- Polycyclic Aromatic Hydrocarbons (PAHs);
- Metals (including Mercury and Hexavalent Chromium);
- Polychlorinated Biphenyls (PCBs);
- Electrical Conductivity (EC);
- Sodium Adsorption Ratio (SAR).

These CPCs have the potential to be present in the soil matrix and/or the groundwater situated beneath the Phase I Property.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on the available information, the bedrock in the area of the Phase I Property consists of interbedded limestone and shale of the Verulam Formation. The surficial geology consists of fluvial terraces (sand and silt alluvial sediments), with an overburden thickness ranging from approximately 10 m to 15 m.

Groundwater is anticipated to be encountered within the overburden and flow in a northwesterly direction towards the Ottawa River.

Water Bodies and Areas of Natural and Scientific Interest

No water bodies or areas of natural and scientific interest were identified within the Phase I Study Area. The nearest named water body with respect to the Phase I Property is the Rideau River, located approximately 600 m to the east.

Existing Buildings and Structures

The Phase I Property is currently vacant as of January 2022. No buildings or structures are present on-site.

Drinking Water Wells

Based on the availability of municipal services, no drinking water wells are expected to be present within the Phase I Study Area.

Neighbouring Land Use

The surrounding lands within the Phase I Study Area consist predominantly of residential properties, as well as occasional commercial and institutional properties. Current land use is shown on Drawing PE5378-2 – Surrounding Land Use Plan, in the Figures section of this report.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of the Phase I ESA report, four potentially contaminating activities (PCAs), resulting in areas of potential environmental concern (APECs), were identified on the Phase I Property. These APECs include:

- A former pad-mounted electrical transformer, located in the northern portion of the Phase I Property;
- Fill material of unknown quality generated and/or imported on-site following the demolition of two former on-site buildings, located throughout the Phase I Property.
- The application of road salt during snow and/or ice conditions, located in the northern portion of the Phase I Property;
- An aboveground fuel storage tank, located on the adjacent property to the south (353 Friel Street).

Other off-site PCAs were identified within the Phase I Study Area but were deemed not to be of any environmental concern to the Phase II Property based on their separation distances as well as their inferred down-gradient or cross-gradient orientation with respect to anticipated groundwater flow.

Contaminants of Potential Concern

The contaminants of potential concern (CPCs) associated with the aforementioned APECs are considered to be:

- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX);
- Petroleum Hydrocarbons, fractions 1 – 4 (PHCs F_1-F_4);
- Polycyclic Aromatic Hydrocarbons (PAHs);
- Metals (including Mercury and Hexavalent Chromium);
- Polychlorinated Biphenyls (PCBs);
- Electrical Conductivity (EC);
- Sodium Adsorption Ratio (SAR).

These CPCs have the potential to be present in the soil matrix and/or the groundwater situated beneath the Phase I Property.

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 PCAs and APECs associated with the Phase I Property.

The presence of any PCAs was confirmed by a variety of independent sources, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSIONS

Assessment

Paterson Group was retained by Dolyn Construction Ltd. to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for the properties addressed 326 & 330 Wilbrod Street, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and Study Area and to identify any environmental concerns with the potential to have impacted the subject property.

Based on a review of available historical information, the Phase I Property was first developed sometime prior to 1878 with a residential dwelling (330 Wilbrod Street). A second residential dwelling was later constructed sometime in the 1940's (326 Wilbrod Street). No environmental concerns were identified with respect to the historical use of the Phase I Property.

The neighbouring lands in the vicinity of the Phase I Property have historically been developed predominantly for residential purposes, with occasional institutional and commercial land uses. Records of an above ground fuel storage tank were identified for the adjacent property to the south (353 Friel Street), which is considered to represent an APEC on the Phase I Property.

At the time of the site inspection, conducted in July 2021, the Phase I Property was occupied with a vacant residential dwelling (326 Wilbrod Street) and a mixed-use residential and commercial restaurant building (330 Wilbrod Street). A pad-mounted transformer was identified within the backyard of 330 Wilbrod Street, which is considered to represent an APEC on the Phase I Property. It should be noted that these buildings were demolished in January 2022, and the excavations backfilled with fill material, which is considered to represent an APEC on the Phase I Property. Lastly, the historical application of road salt for de-icing purposes during snow and ice conditions on the former parking lot in the northern portion of the site is considered to represent an APEC on the Phase I Property.

The neighbouring lands within the vicinity of the Phase I Property consist mainly of residential properties, with occasional institutional and commercial land uses. No environmental concerns were identified with respect to the neighbouring lands.

Recommendations

Based on the findings of this assessment, it is our opinion that **a Phase II – Environmental Site Assessment will be required for the Phase I Property.**

9.0 STATEMENT OF LIMITATIONS

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

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

This report was prepared for the sole use of Dolyn Construction Ltd. Permission and notification from Dolyn Construction Ltd. and Paterson Group will be required prior to the release of this report to any other party.

Paterson Group Inc.

Nick Sullivan, B.Sc.

Adrian Menyhart, P.Eng., QP_{ESA}

Report Distribution:

- Dolyn Construction Ltd.
- Paterson Group Inc.

10.0 REFERENCES

Federal Records

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

Provincial Records

- MECP: Freedom of Information and Privacy Office.
- MECP: Municipal Coal Gasification Plant Site Inventory, 1991.
- MECP: Waste Disposal Site Inventory, 1991.
- MECP: Brownfields Environmental Site Registry.
- MECP: Water Well Inventory.
- Office of Technical Standards and Safety Authority, Fuels Safety Branch.
- Ministry of Natural Resources and Forestry Areas of Natural Significance.
- Chapman, L.J., and Putnam, D.F., 1984: 'The Physiography of Southern Ontario, Third Edition', Ontario Geological Survey Special Volume 2.

Municipal Records

- City of Ottawa: GeoOttawa
- City of Ottawa: Historical Land Use Inventory Database
- City of Ottawa: document entitled, "Old Landfill Management Strategy, Phase I – Identification of Sites", prepared by Golder Associates, 2004.

Local Information Sources

- Personal Interviews.

Public Information Sources

- ERIS Database Report.
- Google Earth.
- Google Maps/Street View.

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5378-1 – SITE PLAN

DRAWING PE5378-2 – SURROUNDING LAND USE PLAN

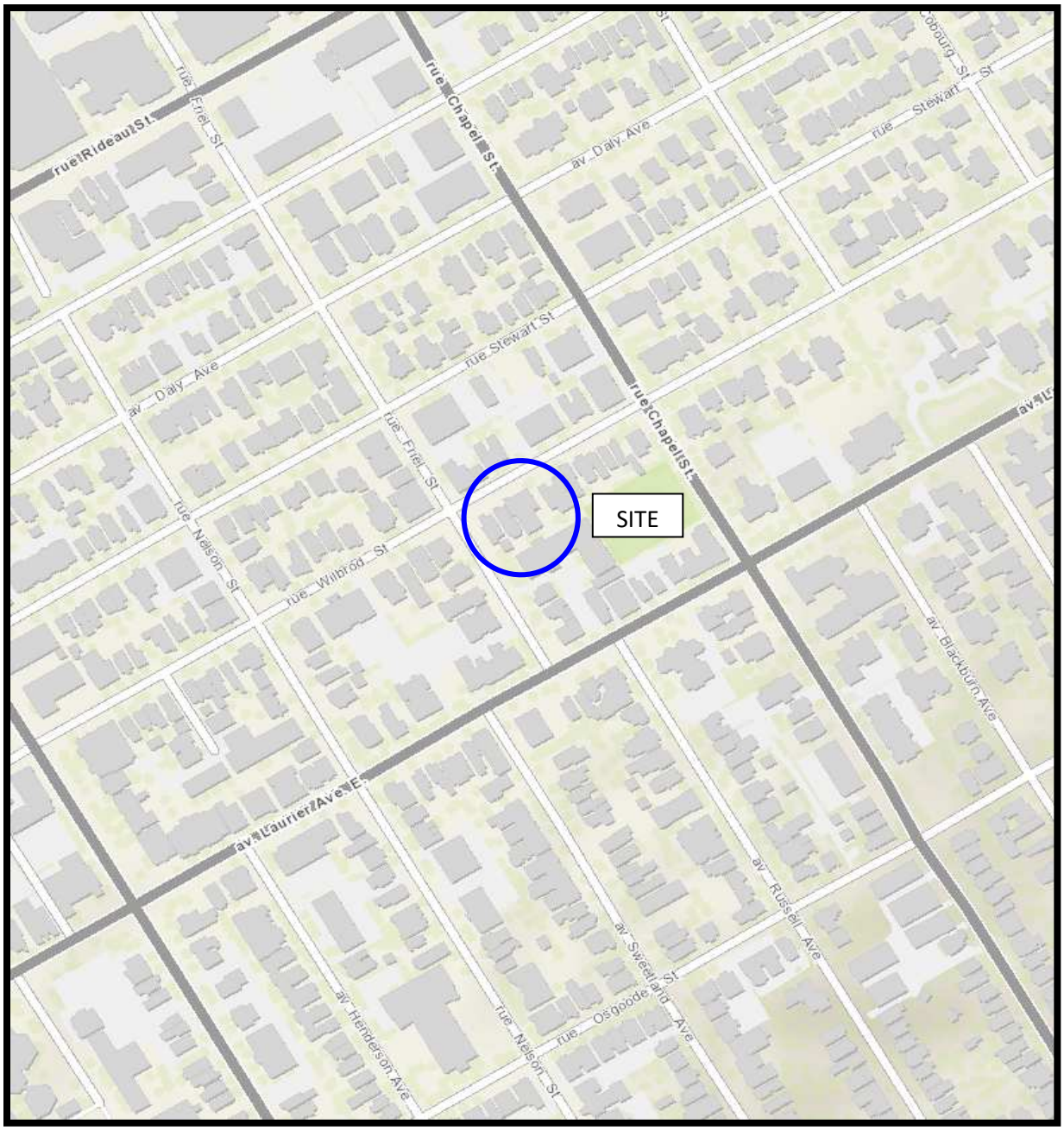


FIGURE 1

KEY PLAN

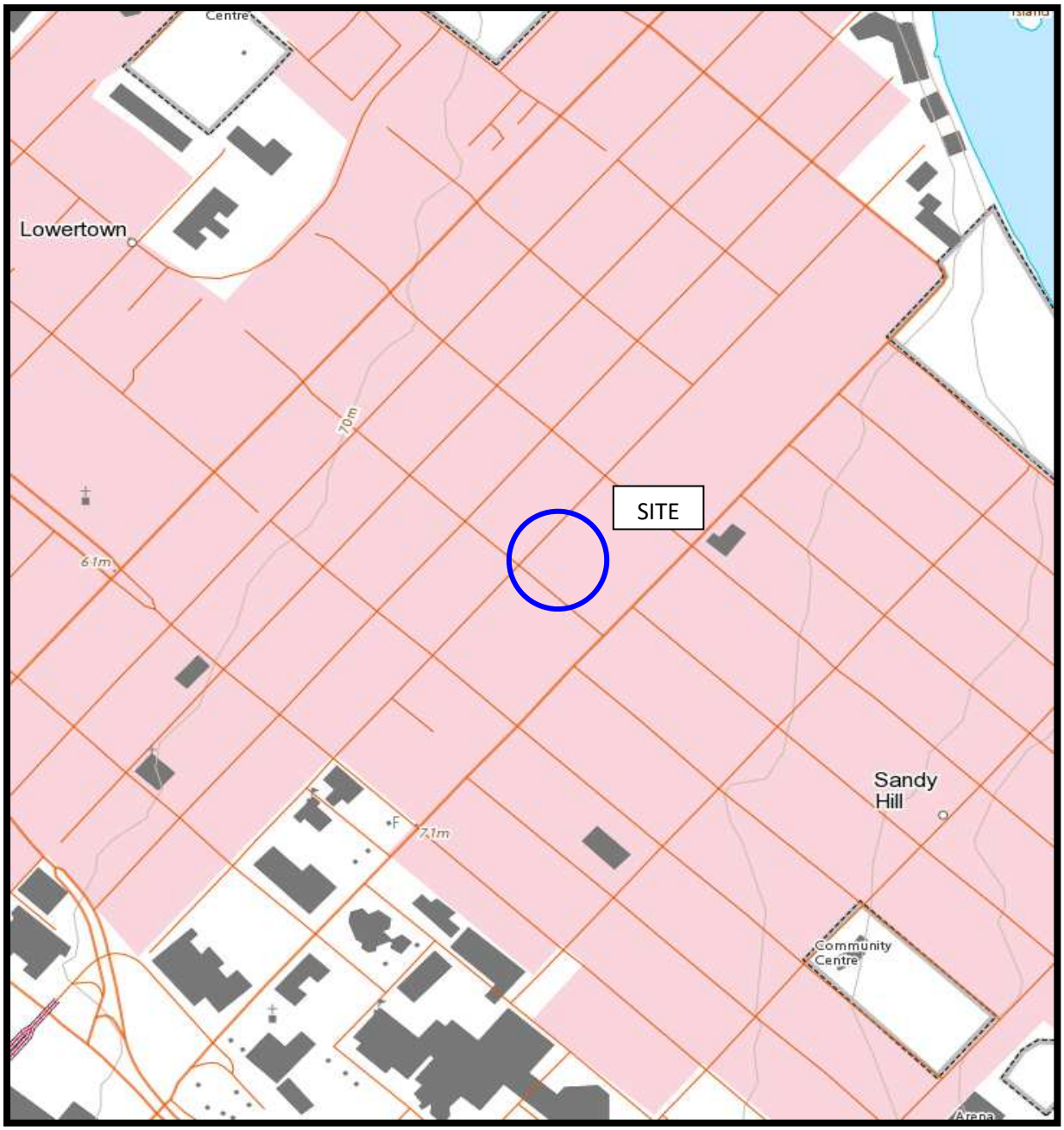


FIGURE 2

TOPOGRAPHIC MAP

WILBROD STREET

FRIEL STREET

SIDEWALK

SIDEWALK

APEC 3

APEC 2

APEC 1

APEC 4

326 WILBROD STREET
(DEMOLISHED)

330 WILBROD STREET
(DEMOLISHED)

351 FRIEL STREET
RESIDENTIAL

338-342 WILBROD STREET
RESIDENTIAL

FORMER PAD-MOUNTED
TRANSFORMER

353 FRIEL STREET
RESIDENTIAL

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN:

1)	PCA 55	FORMER PAD-MOUNTED TRANSFORMER
2)	PCA 30	FILL MATERIAL OF UNKNOWN QUALITY
3)	PCA N/A	APPLICATION OF ROAD SALT DURING SNOW AND ICE CONDITIONS
4)	PCA 28	EXISTING ABOVEGROUND FUEL STORAGE TANK

SCALE: 1:200

0 1 2 3 4 5 10m

patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

DOLYN CONSTRUCTION LTD.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
330 & 326 WILBROD STREET

OTTAWA, ONTARIO

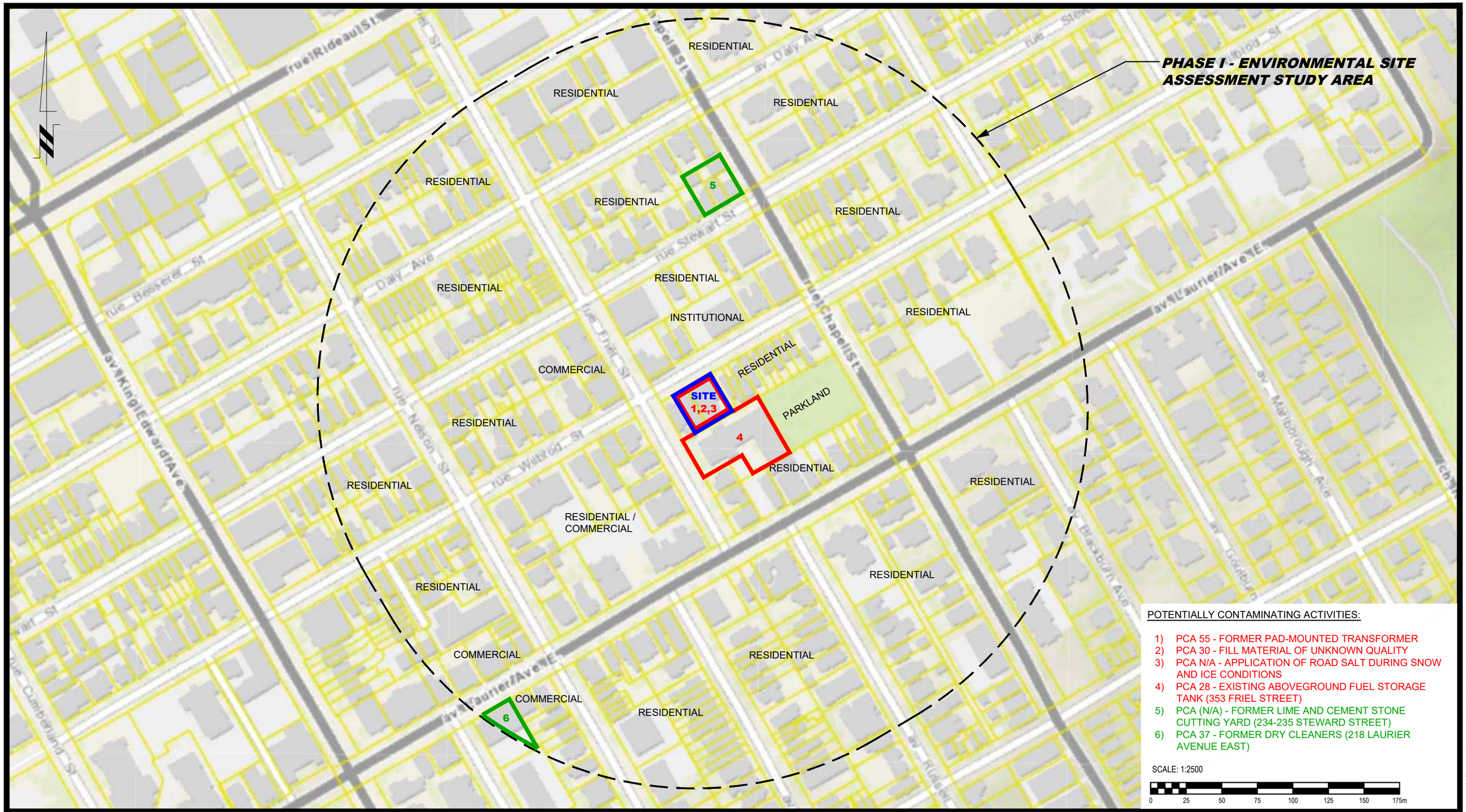
Title:

SITE PLAN

Scale: 1:200	Date: 03/2022
Drawn by: JM	Report No.: PE5378-1
Checked by: NS	Dwg. No.: PE5378-1
Approved by: AM	Revision No.:

p:\autocad drawings\environmental\pe53xx\pe5378\pe5378-1 site plan.dwg

11x17



POTENTIALLY CONTAMINATING ACTIVITIES:

1) PCA 55 - FORMER PAD-MOUNTED TRANSFORMER
2) PCA 30 - FILL MATERIAL OF UNKNOWN QUALITY
3) PCA N/A - APPLICATION OF ROAD SALT DURING SNOW AND ICE CONDITIONS
4) PCA 28 - EXISTING ABOVEGROUND FUEL STORAGE TANK (353 FRIEL STREET)
5) PCA (N/A) - FORMER LIME AND CEMENT STONE CUTTING YARD (234-235 STEWARD STREET)
6) PCA 37 - FORMER DRY CLEANERS (218 LAURIER AVENUE EAST)

SCALE: 1:2500

0 25 50 75 100 125 150 175m

patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

DOLYN CONSTRUCTION LTD.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
330 & 326 WILBROD STREET

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale: 1:2500	Date: 03/2022
Drawn by: JM	Report No.: PE5378-1
Checked by: NS	Dwg. No.: PE5378-2
Approved by: AM	Revision No.:

p:\autocad drawings\environmental\pe5xx\pe5378\pe5378-2 surrounding land use plan.dwg

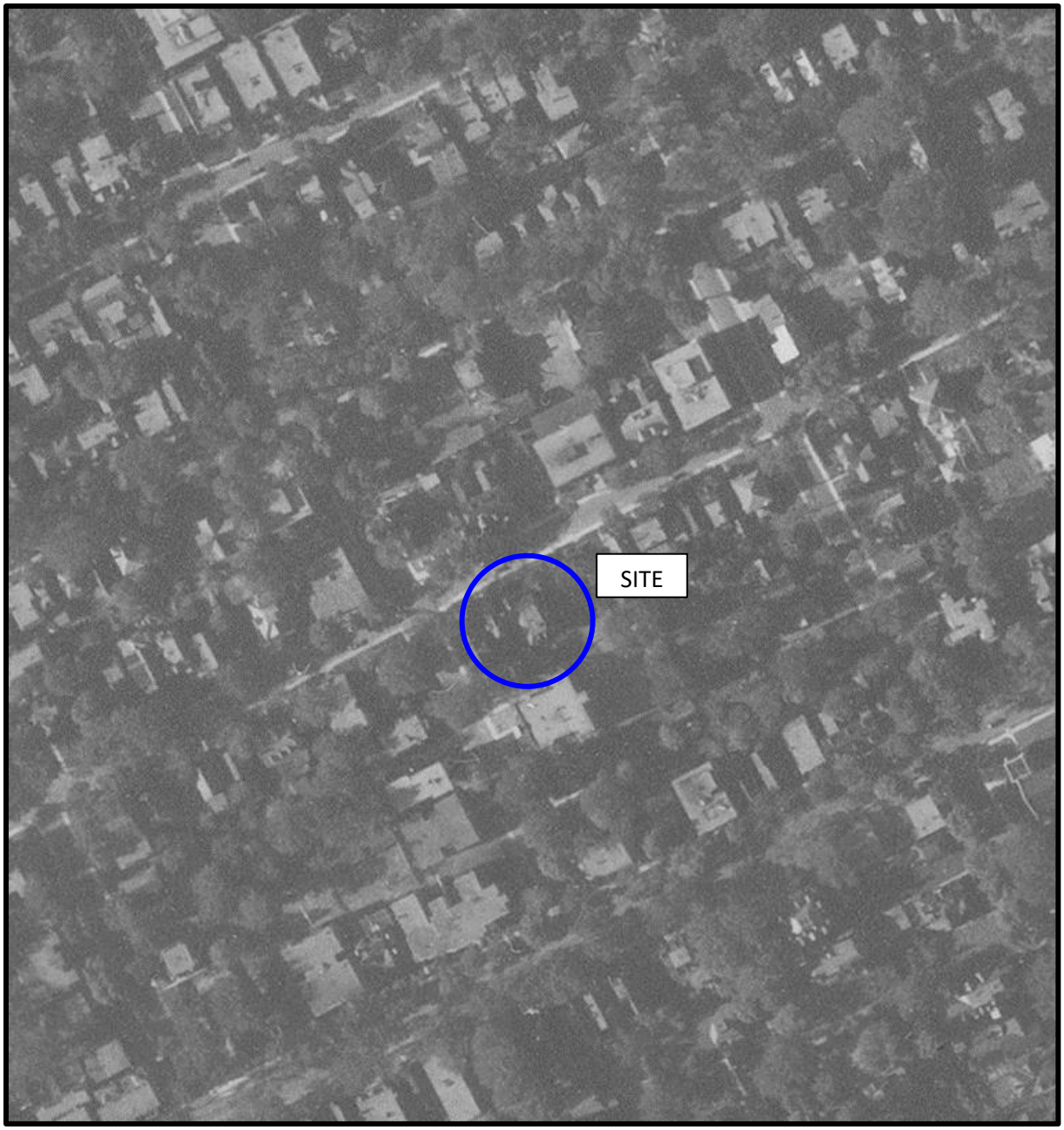
11x17

APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS

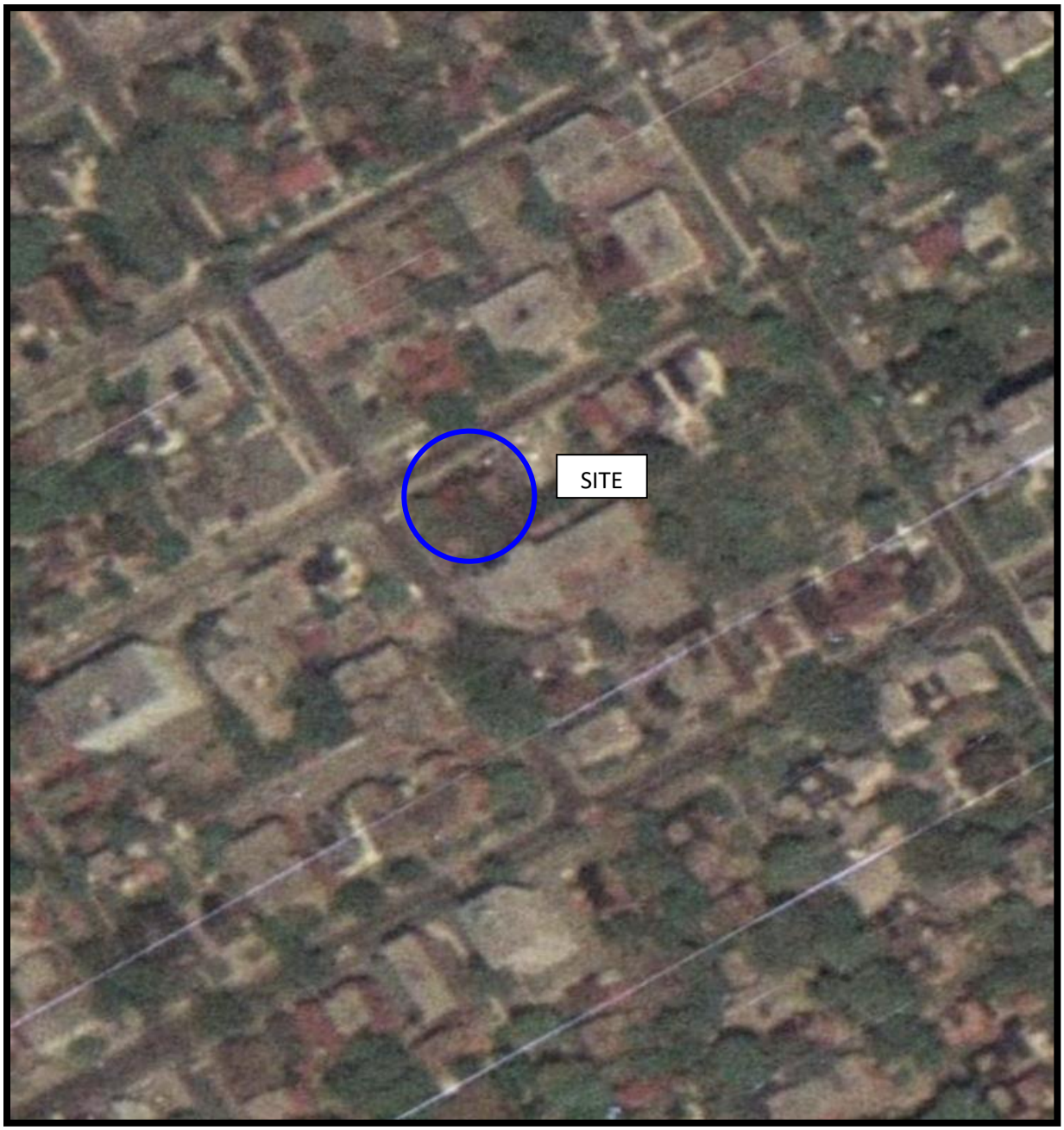
AERIAL PHOTOGRAPH
1933



AERIAL PHOTOGRAPH
1944

AERIAL PHOTOGRAPH
1951

AERIAL PHOTOGRAPH
1965



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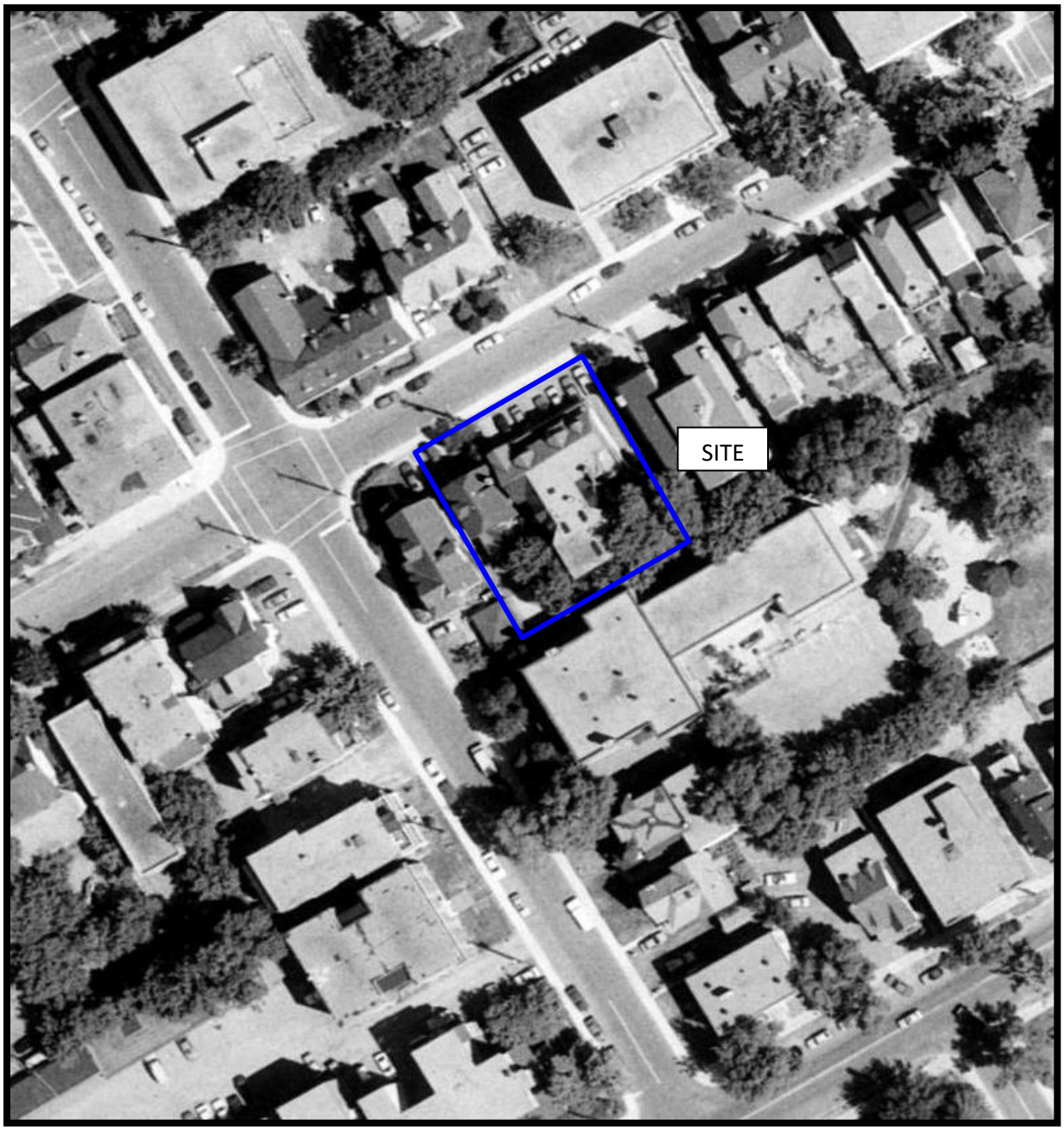
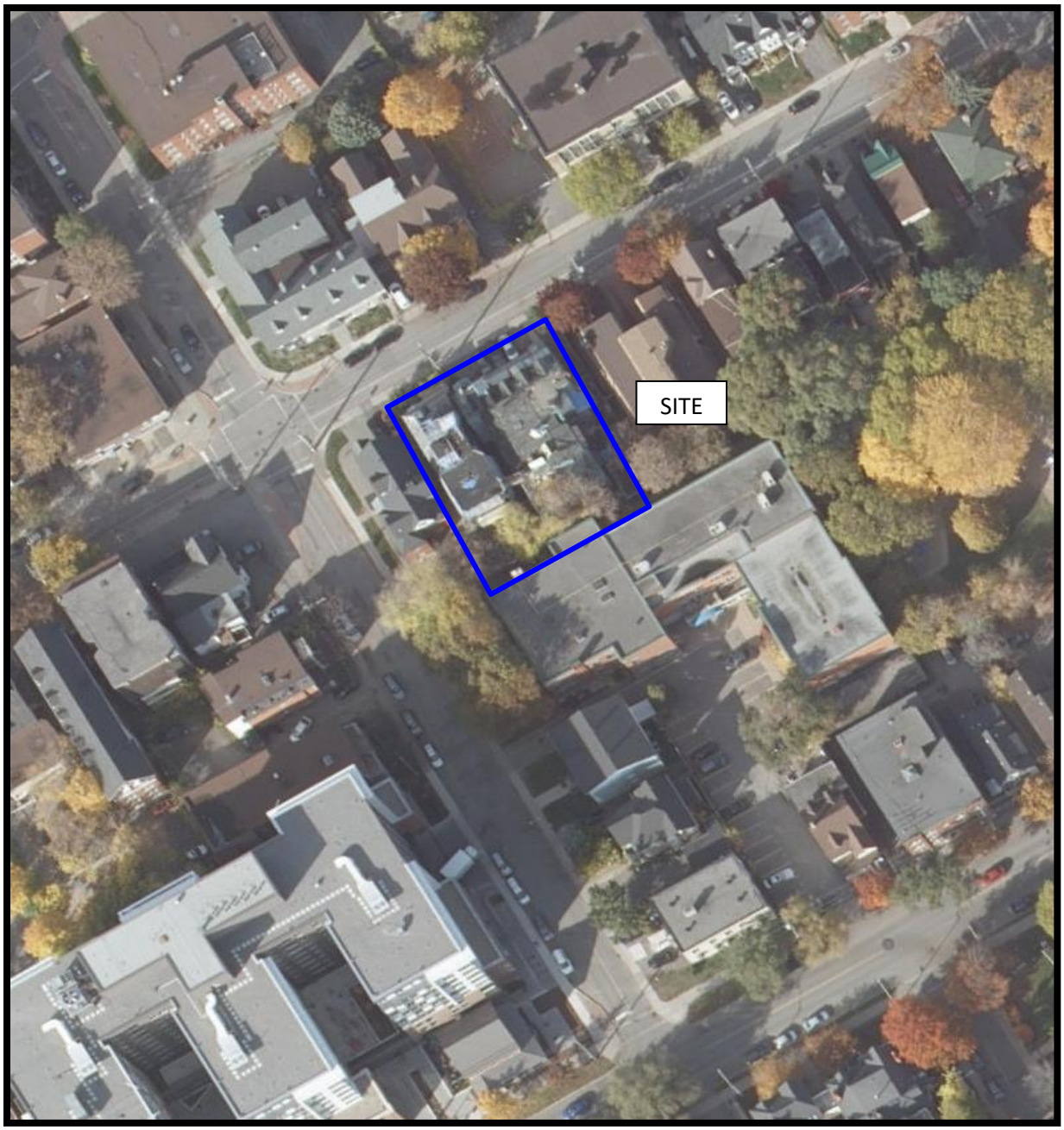
1976



AERIAL PHOTOGRAPH
1991

AERIAL PHOTOGRAPH
2002

AERIAL PHOTOGRAPH
2011



AERIAL PHOTOGRAPH
2019

Site Photographs

PE5378 326 & 330 Wilbrod Street, Ottawa, Ontario July 21, 2021

Photograph 1: View of the northeastern portion of the subject site, facing south from Wilbrod Street.

Photograph 2: View of the northwestern portion of the subject site, facing south from Wilbrod Street

APPENDIX 2

MECP FREEDOM OF INFORMATION SEARCH REQUEST

MECP WATER WELL RECORDS

TSSA CORRESPONDENCE

CITY OF OTTAWA HLUI SEARCH RESULTS

ERIS DATABASE REPORT

Ontario

Ministry of Environment and Energy

Freedom of Information Request

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

Requester Data

Name, Company Name, Mailing Address and Email Address of Requester

Nick Sullivan
Paterson Group Inc.
154 Colonnade Road
Ottawa, ON K2E 7J5
Email address: nsullivan@patersongroup.ca

Telephone/Fax Nos.
Tel. 613-226-7381
Fax 613-226-6344

Your Project/Reference No.
PE5378

Signature/Print /Name of Requester
Nick Sullivan

For Ministry Use Only

FOI Request No.

Date Request Received

Fee Paid

☐ ACCT ☐ CHQ ☐ VISA/MC ☐ CASH

☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR
☐ SAC ☐ IEB ☐ EAA ☐ EMR ☐ SWA

Request Parameters

Municipal Address / Lot, Concession, Geographic Township **(Municipal address essential for cities, towns or regions)**

330 Wilbrod Street, Ottawa, Ontario; Part of Lot C, Concession D (Rideau Front), Formerly the Township of Nepean, in the City of Ottawa.

Present Property Owner(s) and Date(s) of Ownership

Konson Homes

Previous Property Owner(s) and Date(s) of Ownership

Present/Previous Tenant(s),(if applicable)

Search Parameters

Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.

	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	all
Orders	all
Spills	all
Investigations/prosecutions ➤ Owner **AND** tenant information must be provided	all
Waste Generator number/classes	all

Certificates of Approval ➤ Proponent information must be provided

1985 and prior records are searched manually. **Search fees in excess of $300.00** could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number(s) (if known). **If supporting documents are also required, mark SD box** and specify type e.g. maps, plans, reports, etc.

	SD	Specify Year(s) Requested
air - *emissions*		1986-present
water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*		1986-present
sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*		1986-present
waste water - *industrial discharges*		1986-present
waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator*sites		1986-present
waste systems - *PCB destruction, mobile waste processing units, haulers: sewage, non-hazardous & hazardous waste*		1986-present
pesticides - *licenses*		1986-present

A $5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is $30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of $30.00.

Ontario Ministry of the Environment

Well Tag No. (Number below) A051274

A051274

Well Record

Regulation 903 Ontario Water Resources Act

page 1 of 2

Instructions for Completing Form

- For use in the **Province of Ontario** only. This document is a permanent **legal** document. Please retain for future reference.
- All Sections **must** be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.
- Questions regarding completing this application can be directed to the Water Well Help Desk (Toll Free) at 1-888-396-9355.
- **All metre measurements shall be reported to 1/10th of a metre.**
- Please print clearly in blue or black ink only.

Ministry Use Only

MUN | CON | LOT

[redacted]

Address of Well Location (County/District/Municipality) | Township | Lot | Concession

RR#/Street Number/Name: 324 Chapel Street | City/Town/Village: Ottawa | Site/Compartment/Block/Tract etc.

GPS Reading: NAD 83 | Zone 18 | Easting 446980 | Northing 5030562 | Unit Make/Model: Magellan | Mode of Operation: ☐ Undifferentiated ☑ Averaged ☐ Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth From	Depth To (Metres)
	Asphalt surface				
Brown	Sand + gravel	trace cobbles	med to fine grained	0	1.7
Grey	Clay - silty,	blocky	moist to wet	1.7	4.88
	1 Monitoring well installation as per O. MOE Reg 903				

Hole Diameter

Depth From	Depth To (Metres)	Diameter (Centimetres)
0	4.88	10

Water Record

Water found at ___ Metres / Kind of Water

- ___ m: ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:
- ___ m: ☑ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:
- ___ m: ☐ Fresh ☐ Sulphur ☐ Gas ☑ Salty ☐ Minerals ☐ Other:

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

Chlorinated ☐ Yes ☑ No

Construction Record

Inside diam (centimetres)	Material	Wall thickness (centimetres)	Depth From	Depth To (Metres)
Casing				
51 mm	☐ Steel ☐ Fibreglass ☑ Plastic ☐ Concrete ☐ Galvanized	40	0	1.3
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
Screen				
Outside diam		Slot No.		
58 mm	☐ Steel ☐ Fibreglass ☑ Plastic ☐ Concrete ☐ Galvanized	10	1.5	4.88
No Casing or Screen				
	☐ Open hole			

Test of Well Yield

Pumping test method	Draw Down Time min	Draw Down Water Level Metres	Recovery Time min	Recovery Water Level Metres
Pump intake set at - (metres)	Static Level			
Pumping rate - (litres/min)	1		1	
Duration of pumping ___hrs + ___min	2		2	
Final water level end of pumping ___metres	3		3	
Recommended pump type. ☐ Shallow ☐ Deep	4		4	
Recommended pump depth. ___metres	5		5	
Recommended pump rate. (litres/min)	10		10	
	15		15	
If flowing give rate - (litres/min)	20		20	
	25		25	
If pumping discontinued, give reason.	30		30	
	40		40	
	50		50	
	60		60	

Plugging and Sealing Record

☑ Annular space ☐ Abandonment

Depth set at - Metres From	To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
0.3	1	Bentonite	20 kg

Method of Construction

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

Water Use

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

Final Status of Well

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

Location of Well

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

Please see attached site plan

Audit No. Z 58316

Date Well Completed: YYYY 2006 MM 12 DD 18

Was the well owner's information package delivered? ☐ Yes ☑ No

Date Delivered: YYYY MM DD

Well Contractor/Technician Information

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

Business Address (street name, number, city etc.): 410 Main Street Grenville Sur La Rouge Qc J0V 1B0

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

Signature of Technician/Contractor: X [signature] | Date Submitted: YYYY 2007 MM 04 DD 18

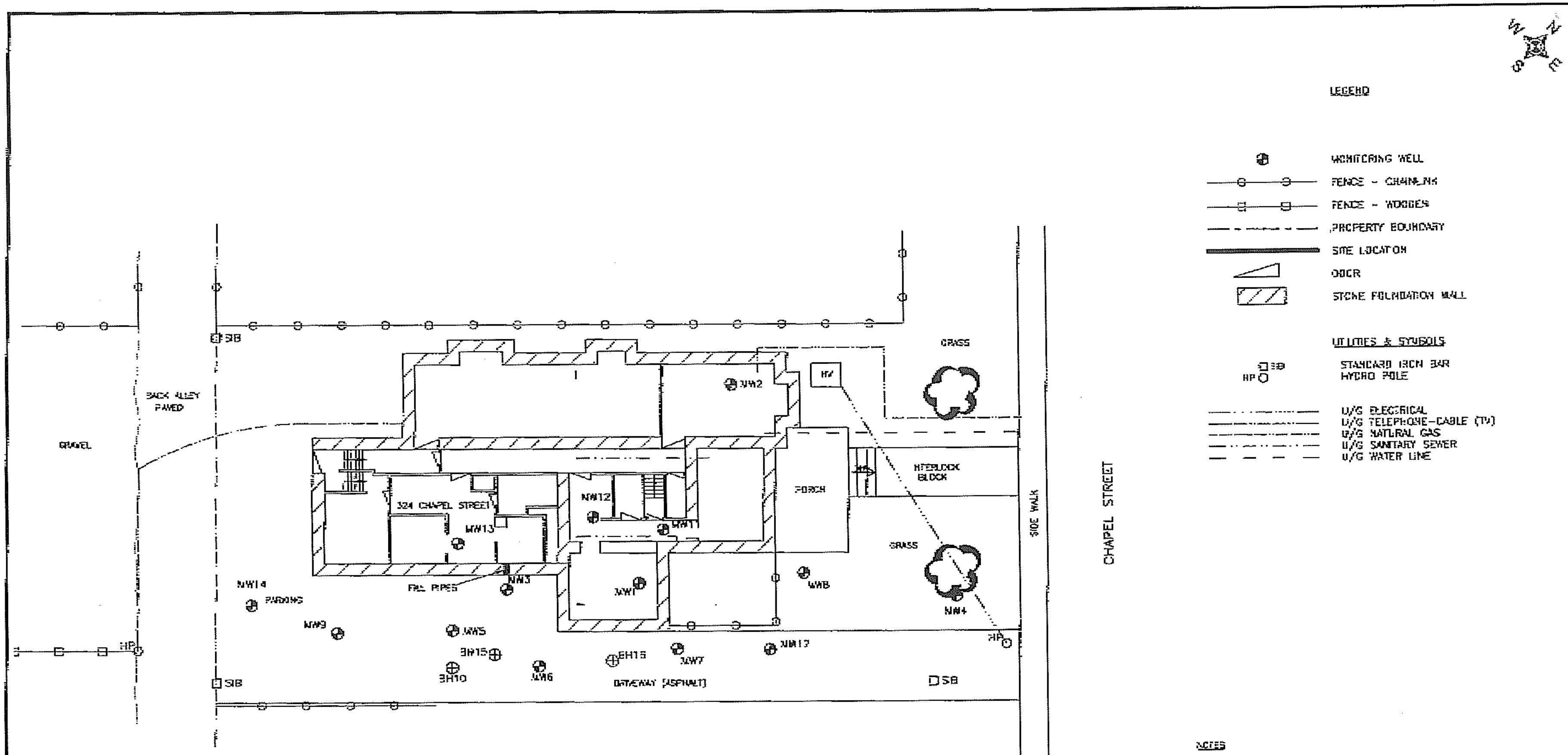
Ministry Use Only

Data Source	Contractor 1844
Date Received YYYY MM DD	Date of Inspection YYYY MM DD
Remarks	Well Record Number

0506E (08/2006)

Ministry's Copy

Cette formule est disponible en français



NOTES

1. DRAWING COMPILED FROM FIELD NOTES FROM KARL BILYJ

SEACOR ENVIRONMENTAL INC.

THE ECONOMICAL INSURANCE GROUP
324 CHAPEL STREET
OTTAWA, ONTARIO

PHASE II ENVIRONMENTAL SITE ASSESSMENT

SITE PLAN

SCALE	DATE	FILE NAME	DWG NO.	CHKD	MADE	FIG
AS SHOWN	3314-06	215-07371-20-432	215.37371.00	KB	UK	2

METRES (APPROX.)
0 2.5 5 10 15 m

THIS DRAWING IS FOR CONCEPTUAL PURPOSES ONLY. ACTUAL LOCATIONS MAY VARY AND NOT ALL STRUCTURES ARE SHOWN.

Z58316

1844

JUN 04 2007

Ontario Ministry of the Environment

Well Tag Number (place sticker and print number below): A 050212

A 050212

Well Record

Regulation 903 Ontario Water Resources Act

page ___ of ___

Instructions for Completing Form

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- **All metre measurements shall be reported to 1/10th of a metre.**
- Please print clearly in blue or black ink only.

Ministry Use Only

MUN	CON	LOT

[redacted]

Address of Well Location (County/District/Municipality)	Township	Lot	Concession
145 STEWART ST., CARLETON	OTTAWA.		

RR#/Street Number/Name	City/Town/Village	Site/Compartment/Block/Tract etc.
145 STEWART ST.	OTTAWA.	

GPS Reading	NAD	Zone	Easting	Northing	Unit Make/Model	Mode of Operation
	83	18	446583 UTM	5030654	GARMIN	Etrex; ☐ Undifferentiated ☑ Averaged ☐ Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth Metres From	Depth Metres To
BRN	FILL	SAND	LOOSE.	0	0.61
BRN	CLAY	SILT	SOFT	0.61	3.66
GRY	CLAY	SILT	SATURATED	3.66	7.32

Hole Diameter

Depth Metres From	Depth Metres To	Diameter Centimetres
0	7.32	8.89

Water Record

Water found at ___ Metres	Kind of Water
___ m	☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:
___ m	☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:
___ m	☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:

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

Chlorinated ☐ Yes ☐ No

Construction Record

Inside diam centimetres	Material	Wall thickness centimetres	Depth Metres From	Depth Metres To
Casing				
3.81	☐ Steel ☐ Fibreglass ☑ Plastic ☐ Concrete ☐ Galvanized	0.25	0	4.27
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
Screen				
Outside diam 3.67	☐ Steel ☐ Fibreglass ☑ Plastic ☐ Concrete ☐ Galvanized	Slot No. 10	4.27	7.32
No Casing or Screen				
	☐ Open hole			

Test of Well Yield

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

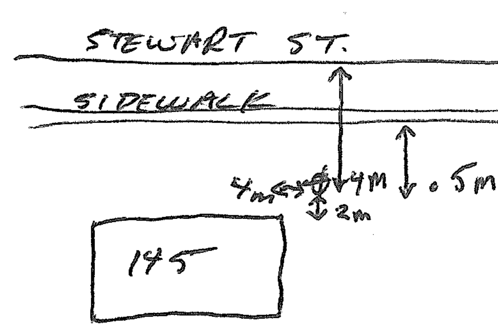
Plugging and Sealing Record

☑ Annular space ☐ Abandonment

Depth set at - Metres From	To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
0	0.3	CONCRETE.	
0.3	3.66	BENTONITE.	
3.66	7.32	SAND	

Location of Well

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



Method of Construction

☐ Cable Tool ☐ Rotary (air) ☐ Diamond ☐ Digging
☐ Rotary (conventional) ☐ Air percussion ☐ Jetting ☑ Other
☐ Rotary (reverse) ☐ Boring ☐ Driving GEOPROBE.

Water Use

☐ Domestic ☐ Industrial ☐ Public Supply ☑ Other
☐ Stock ☐ Commercial ☐ Not used MONITORING
☐ Irrigation ☐ Municipal ☐ Cooling & air conditioning WELL

Final Status of Well

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

Audit No.	Date Well Completed (YYYY MM DD)
Z 66263	07 05 22

Was the well owner's information package delivered?	Date Delivered (YYYY MM DD)
☐ Yes ☒ No	

Well Contractor/Technician Information

Name of Well Contractor	Well Contractor's Licence No.
STRATA SOIL SAMPLING	7241

Business Address (street name, number, city etc.): 147 WEST BEAVER CREEK RD RICHMOND HILL

Name of Well Technician (last name, first name)	Well Technician's Licence No.
FENELIUS JOHN	T-309 ~~175-0~~

Signature of Technician/Contractor	Date Submitted (YYYY MM DD)
X [signature]	07 05 22

Ministry Use Only

Data Source	Contractor: 7241
Date Received: JUN 14 2007	Date of Inspection (YYYY MM DD)
Remarks	Well Record Number

Ontario Ministry of the Environment

Well Tag (see below) A 056025

A 056025

Well Record

Regulation 903 Ontario Water Resources Act

page ___ of ___

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- **All metre measurements shall be reported to 1/10th of a metre.**
- Please print clearly in blue or black ink only.

Ministry Use Only

MUN ___ CON ___ LOT ___

[redacted]

Address of Well Location (County/District/Municipality): Carleton | Township | Lot | Concession

RR#/Street Number/Name: 145 STEWART ST. | City/Town/Village: OTTAWA | Site/Compartment/Block/Tract etc.

GPS Reading: NAD 83 | Zone 18 | Easting 446589 | Northing 5030674 | Unit Make/Model: Garmin | Mode of Operation: ☐ Undifferentiated ☒ Averaged ☐ Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth From	Depth To (Metres)
BRN	GRAVEL	SAND	FILL	0	0.6
BRN	SILT	CLAY	VERY DENSE	0.6	3
GRY	FINE SAND	SILT	MOIST TO WET	3	6

Hole Diameter

Depth From	Depth To (Metres)	Diameter (Centimetres)
0	6	10

Water Record

Water found at ___ Metres / Kind of Water

- ___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other: ___
- ___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other: ___
- ___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other: ___

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

Chlorinated ☐ Yes ☐ No

Construction Record

Casing

Inside diam centimetres	Material	Wall thickness centimetres	Depth From	Depth To (Metres)
3.8	☐ Steel ☐ Fibreglass ☑ Plastic ☐ Concrete ☐ Galvanized	0.95	0	3
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			

Screen

Outside diam	Material	Slot No.	Depth From	Depth To (Metres)
4.3	☐ Steel ☐ Fibreglass ☑ Plastic ☐ Concrete ☐ Galvanized	10	3	6

No Casing or Screen

☐ Open hole

Test of Well Yield

Pumping test method	Draw Down Time min	Draw Down Water Level Metres	Recovery Time min	Recovery Water Level Metres
Pump intake set at - (metres)	Static Level			
Pumping rate - (litres/min)	1		1	
Duration of pumping ___hrs +___ min	2		2	
Final water level end of pumping ___metres	3		3	
Recommended pump type. ☐ Shallow ☐ Deep	4		4	
Recommended pump depth. ___metres	5		5	
Recommended pump rate. (litres/min)	10		10	
If flowing give rate - (litres/min)	15		15	
If pumping discontinued, give reason.	20		20	
	25		25	
	30		30	
	40		40	
	50		50	
	60		60	

Plugging and Sealing Record

☒ Annular space ☐ Abandonment

Depth set at - Metres From	Depth set at - Metres To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
0	0.3	CONCRETE	
0.3	2.4	BENTONITE	
2.4	6	SILICA SAND	

Method of Construction

☐ Cable Tool ☐ Rotary (air) ☐ Diamond ☐ Digging
☐ Rotary (conventional) ☐ Air percussion ☐ Jetting ☑ Other DIRECT PUSH
☐ Rotary (reverse) ☐ Boring ☐ Driving

Water Use

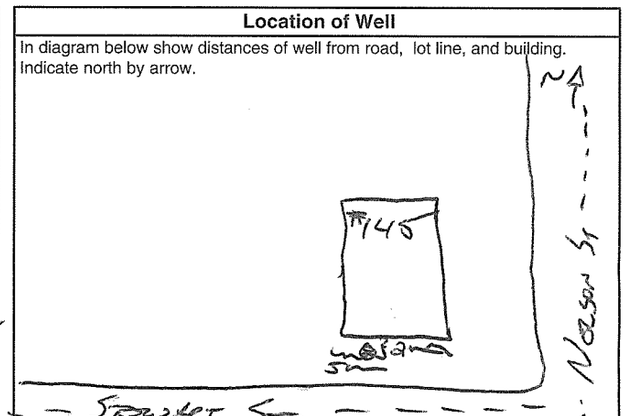
☐ Domestic ☐ Industrial ☐ Public Supply ☐ Other
☐ Stock ☐ Commercial ☒ Not used
☐ Irrigation ☐ Municipal ☐ Cooling & air conditioning

Final Status of Well

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

Location of Well

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



Audit No. Z 66219 | Date Well Completed YYYY 2007 MM 05 DD 24

Was the well owner's information package delivered? ☐ Yes ☒ No | Date Delivered YYYY MM DD

Well Contractor/Technician Information

Name of Well Contractor: STRATA SOIL SAMPLING | Well Contractor's Licence No.: 7214

Business Address (street name, number, city etc.): 147 WEST BEAVER CREEK, RICHMOND HILL

Name of Well Technician (last name, first name): DRAKE, TREVOR | Well Technician's Licence No.: 1-3316

Signature of Technician/Contractor: X [signature] | Date Submitted YYYY 2007 MM 05 DD 24

Ministry Use Only

Data Source | Contractor 7241

Date Received JUN 14 2007 | Date of Inspection YYYY MM DD

Remarks | Well Record Number

0506E (08/2006) Ministry's Copy

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Ontario Ministry of the Environment

Well (number below) A 051812

A 051812

Well Record

Regulation 903 Ontario Water Resources Act

page ___ of ___

Instructions for Completing Form

- For use in the **Province of Ontario** only. This document is a permanent **legal** document. Please retain for future reference.
- All Sections **must** be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.
- Questions regarding completing this application can be directed to the Water Well Help Desk (Toll Free) at 1-888-396-9355.
- **All metre measurements shall be reported to 1/10th of a metre.**
- Please print clearly in blue or black ink only.

Ministry Use Only

MUN | CON | LOT

Well Owner's Information and Location of Well Information

First Name	Last Name	Mailing Address (Street Number/Name, RR,Lot,Concession)
Timber creek	Ass. management	146 STEWART St.

County/District/Municipality	Township/City/Town/Village	Province	Postal Code	Telephone Number (include area code)
CARLETON	OTTAWA	Ontario		

Address of Well Location (County/District/Municipality)	Township	Lot	Concession
146 stewart st. CARLETON			

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

GPS Reading	NAD	Zone	Easting	Northing	Unit Make/Model	Mode of Operation
	83	18	446113	5031056	Garmin Etrex	ETREX ☐ Undifferentiated ☑ Averaged ☐ Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth From	Depth To (Metres)
Brn	fill	Gravel	Soft, course gravel	0	.91
Brn	Sand	silt	Soft, moist, fine sand	.91	3.35
Grey	Clay		Wet, sticky, soft,	3.35	8.89

Hole Diameter

Depth From	Depth To (Metres)	Diameter (Centimetres)
0	8.53	8.89

Water Record

Water found at ___ Metres / Kind of Water

- ___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other: _____
- ___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other: _____
- ___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other: _____

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

Chlorinated ☐ Yes ☐ No

Construction Record

Casing

Inside diam centimetres	Material	Wall thickness centimetres	Depth From	Depth To (Metres)
3.81	☐ Steel ☐ Fibreglass ☑ Plastic ☐ Concrete ☐ Galvanized	0.25	0	3.96
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			

Screen

Outside diam	Material	Slot No.	Depth From	Depth To (Metres)
	☐ Steel ☐ Fibreglass ☑ Plastic ☐ Concrete ☐ Galvanized	10	3.96	8.53

No Casing or Screen

☐ Open hole

Test of Well Yield

Pumping test method	Draw Down Time min	Draw Down Water Level Metres	Recovery Time min	Recovery Water Level Metres
Pump intake set at - (metres)	Static Level			
Pumping rate - (litres/min)	1		1	
Duration of pumping ____hrs +____ min	2		2	
Final water level end of pumping ____metres	3		3	
Recommended pump type. ☐ Shallow ☐ Deep	4		4	
Recommended pump depth. ____metres	5		5	
Recommended pump rate. (litres/min)	10		10	
If flowing give rate - (litres/min)	15		15	
If pumping discontinued, give reason.	20		20	
	25		25	
	30		30	
	40		40	
	50		50	
	60		60	

Plugging and Sealing Record

☑ Annular space ☐ Abandonment

Depth set at - Metres From	Depth set at - Metres To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
0	.31	flushmount / concrete	
.31	3.35	Benseal	
3.35	8.53	Sand	

Method of Construction

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

Water Use

☐ Domestic ☐ Industrial ☐ Public Supply ☑ Other Monitoring well
☐ Stock ☐ Commercial ☐ Not used
☐ Irrigation ☐ Municipal ☐ Cooling & air conditioning

Final Status of Well

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

Well Contractor/Technician Information

Name of Well Contractor	Well Contractor's Licence No.
STRATA SOIL SAMPLING	7241

Business Address (street name, number, city etc.): 147 WEST BEAVER CREEK, RICHMOND

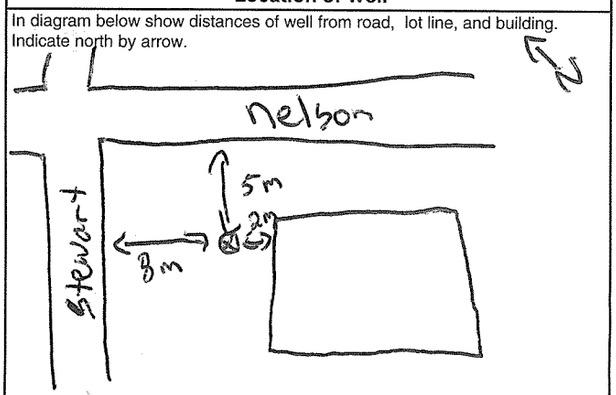
Name of Well Technician (last name, first name)	Well Technician's Licence No.
FENELLUS JOHN	T3069

Signature of Technician/Contractor: X

Date Submitted: 2007 06 21

Location of Well

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



Audit No. Z 66296

Date Well Completed: 2007 06 21

Was the well owner's information package delivered? ☐ Yes ☑ No

Date Delivered

Ministry Use Only

Data Source

Contractor 7241

Date Received JUL 17 2007

Date of Inspection

Remarks

Well Record Number

0506E (08/2006) Beatty Brian 1796 Ministry's Copy

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Ontario Ministry of the Environment

Well Tag Number (Plate number below): A032149 / A032149

Well Record

Regulation 903 Ontario Water Resources Act

page ___ of ___

Instructions for Completing Form

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

Ministry Use Only

[redacted]

Address of Well Location (County/District/Municipality): 258 Stewart Street | Township: Ottawa - Carleton | Lot | Concession

RR#/Street Number/Name: City of Ottawa | City/Town/Village: Ottawa | Site/Compartment/Block/Tract etc.

GPS Reading: NAD 83 | Zone 18 | Easting 446816 | Northing 5030819 | Unit Make/Model: Magellan | Mode of Operation: ☐ Undifferentiated ☐ Averaged ☐ Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth From	Depth To (Metres)
			Concrete floor slab	0	0.05
			sand, cobbles, bricks	0.05	0.15
grey	silt	clay	clayey silt.	0.15	2.0
grey	clay	silt	clay some silt	2.0	4.6

Hole Diameter

Depth From	Depth To (Metres)	Diameter (Centimetres)
0	0.15	20.3
0.15	4.6	15.0

Water Record

Water found at ___ Metres / Kind of Water

- ___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:
- ___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:
- ___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:

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

Chlorinated ☐ Yes ☐ No

Construction Record

Inside diam centimetres	Material	Wall thickness centimetres	Depth From (Metres)	Depth To (Metres)
Casing				
2.5	☑ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized		0.05	1.4
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
Screen				
Outside diam		Slot No.		
3.0	☑ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	10	1.4	4.6
No Casing or Screen				
	☐ Open hole			

Test of Well Yield

Pumping test method	Draw Down Time min	Draw Down Water Level Metres	Recovery Time min	Recovery Water Level Metres
Pump intake set at - (metres)	Static Level			
Pumping rate - (litres/min)	1		1	
Duration of pumping ___hrs +___ min	2		2	
Final water level end of pumping ___metres	3		3	
Recommended pump type. ☐ Shallow ☐ Deep	4		4	
Recommended pump depth. ___metres	5		5	
Recommended pump rate. (litres/min)	10		10	
	15		15	
If flowing give rate - (litres/min)	20		20	
	25		25	
If pumping discontinued, give reason.	30		30	
	40		40	
	50		50	
	60		60	

Plugging and Sealing Record ☐ Annular space ☐ Abandonment

Depth set at - Metres From	Depth set at - Metres To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
0	0.2	manhole and concrete	
0.2	1.0	bentonite pellets	
1.0	4.6	filter sand	

Method of Construction

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

Water Use

☐ Domestic ☐ Industrial ☐ Public Supply ☐ Other (Sampling)
☐ Stock ☐ Commercial ☐ Not used
☐ Irrigation ☐ Municipal ☐ Cooling & air conditioning

Final Status of Well

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

Well Contractor/Technician Information

Name of Well Contractor: OGS Inc | Well Contractor's Licence No.: 6964

Business Address (street name, number, city etc.): 5578 Appleton Side Road Almonte Ont K0A1A0

Name of Well Technician (last name, first name): Ohlmann Wilf | Well Technician's Licence No.: T2594

Signature of Technician/Contractor: [signature] | Date Submitted: 2007 / 7 / 31

Location of Well

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

GPS reading taken on MW07-01

Site plan and area map enclosed

Audit No. Z 34856 | Date Well Completed: 2007 / 5 / 29

Was the well owner's information package delivered? ☐ Yes ☐ No | Date Delivered: 2007 / 7 / 31

Ministry Use Only

Data Source | Contractor: 6964

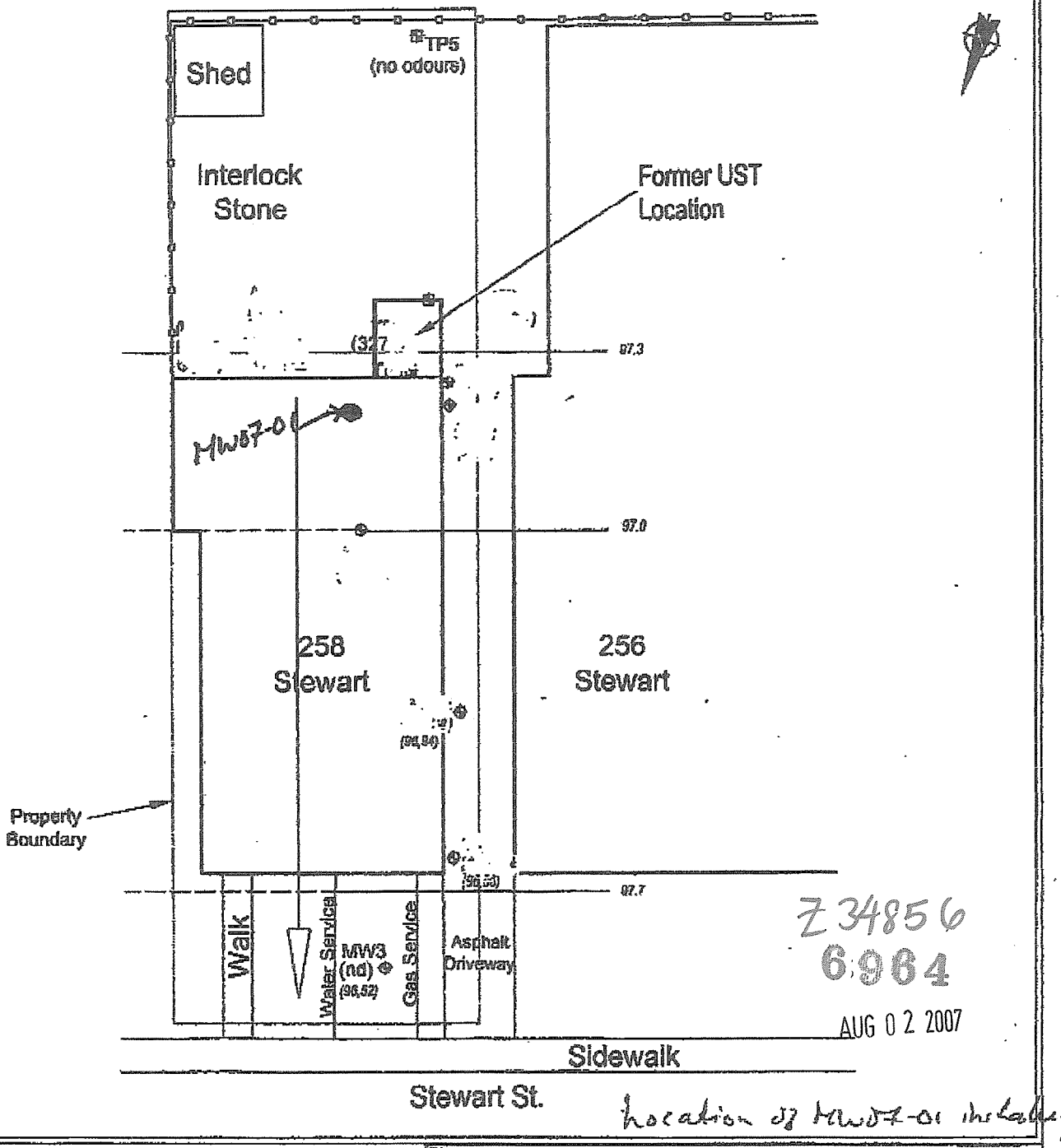
Date Received: AUG 02 2007 | Date of Inspection

Remarks | Well Record Number

0506E (09/03)

Contractor's Copy ☐ Ministry's Copy ☑ Well Owner's Copy ☐

Cette formule est disponible en français



Z34856
6964
AUG 0 2 2007

location of MW07-01 installed on May 29, 07 by GS

LEGEND

- TP7 Test Pit
- BH1 Bore Hole
- MW2 Monitoring Well
- (1440) Soil TPH gas/diesel concentration in mg/kg (MOE Table B criteria 1000 mg/kg)
- Fence
- House Perimeter
- 97.0 Water-level (Masl)
- Conceptual GW Flow Direction

Title: TPH SOIL CONCENTRATIONS AND GROUNDWATER FLOW DIRECTION

FRANZ ENVIRONMENTAL INC.
CONSULTING ENGINEERING TECHNOLOGIES

Project: C OF A
258 STEWART STREET

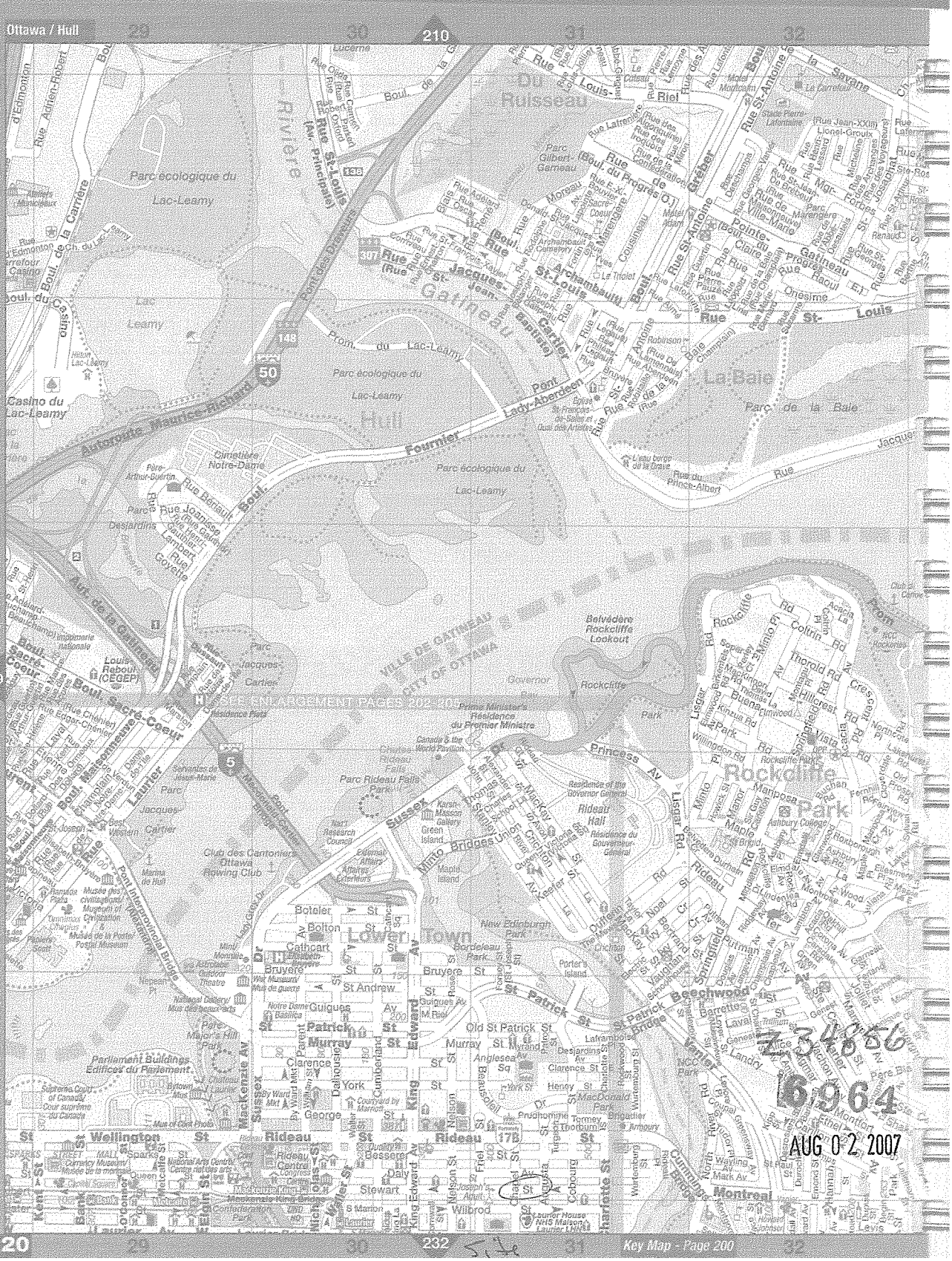
Date: DEC 2004

Client: GISÈLE FORTIER

SCALE 1:200

FIGURE 2

Projects/2003/620 Stewart St/October 2003/Figure 2.dwg


Ottawa / Hull
29
30
210
31
32
F
G
H
219
J
K
220
232
Key Map - Page 200
Parc écologique du Lac-Leamy
Hull
Gatineau
Du Ruisseau
La Baie
Parc de la Baie
Rockcliffe Park
Lower Town
Parliament Buildings
Edifices du Parlement
Belvédère Rockcliffe Lookout
Prime Minister's Residence
Résidence du Premier Ministre
Rideau Hall
Residence of the Governor General
Résidence du Gouverneur général
Canada & the World Pavilion
Parc Rideau Falls Park
Club des Cantonniers Ottawa Rowing Club
Casino du Lac-Leamy
Hilton Lac-Leamy
Cimetière Notre-Dame
Louis Rebour (CEGEP)
Musée des civilisations Museum of Civilization
Musée de la Poste Postal Museum
Supreme Court of Canada
Cour suprême du Canada
Rideau Centre
Chateau Laurier
Fairmont Château Laurier
Westin Ottawa
Delta Ottawa
Best Western
Courtyard by Marriott
Lord Elgin
Lisgar Collegiate
Ashbury College
Autoroute Maurice-Richard
Pont des Draveurs
Pont Interprovincial Bridge
Pont Lady-Aberdeen
Pont Alexandra Bridge
Pont Macdonald-Cartier Bridge
Pont Mackenzie King Bridge
Pont Confederation Bridge
Pont Chaudière Bridge
Pont Portage Bridge
Pont Victoria Bridge
Pont Union Bridge
Pont Sussex
Pont Princess
Pont Patrick
Pont Laurier
Pont Nicholas
Pont Waller
Pont Cumberland
Pont Dalhousie
Pont Mackenzie
Pont Metcalfe
Pont Elgin
Pont Bay
Pont Kent
Pont Bronson
Pont Percy
Pont Bank
Pont Lyon
Pont Bronson
Pont Booth
Pont Parent
Pont Bruyère
Pont Guigues
Pont Murray
Pont Clarence
Pont York
Pont George
Pont Rideau
Pont Wellington
Pont Sparks
Pont Queen
Pont Albert
Pont Slater
Pont Gloucester
Pont Somerset
Pont Laurier
Pont Wilbrod
Pont Stewart
Pont Besserer
Pont Daly
Pont Cobourg
Pont Augusta
Pont Charlotte
Pont Nelson
Pont Sydney
Pont Empress
Pont Arthur
Pont Wurtemburg
Pont Brigadier
Pont Tormey
Pont Prudhomme
Pont Desjardins
Pont Anglesea
Pont Old St Patrick
Pont Lafontaine
Pont Beechwood
Pont Springfield
Pont Rockcliffe
Pont Acacia
Pont Coltrin
Pont Thorold
Pont Cimwood
Pont Buena
Pont Kinzua
Pont Hillcrest
Pont Willingdon
Pont Mimico
Pont Mattposa
Pont Manor
Pont Maple
Pont Lisgar
Pont Mimico
Pont Rideau
Pont Wood
Pont Nicol
Pont Putman
Pont Vanier
Pont Montfort
Pont Montreal
Pont Cummings
Pont Mark
Pont Emond
Pont Durocher
Pont Hannah
Pont Levis
Pont Lisgar
Pont Bronson
Pont Booth
Pont Parent
Pont Bruyère
Pont Guigues
Pont Murray
Pont Clarence
Pont York
Pont George
Pont Rideau
Pont Wellington
Pont Sparks
Pont Queen
Pont Albert
Pont Slater
Pont Gloucester
Pont Somerset
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Pont Charlotte
Pont Nelson
Pont Sydney
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Pont Arthur
Pont Wurtemburg
Pont Brigadier
Pont Tormey
Pont Prudhomme
Pont Desjardins
Pont Anglesea
Pont Old St Patrick
Pont Lafontaine
Pont Beechwood
Pont Springfield
Pont Rockcliffe
Pont Acacia
Pont Coltrin
Pont Thorold
Pont Cimwood
Pont Buena
Pont Kinzua
Pont Hillcrest
Pont Willingdon
Pont Mimico
Pont Mattposa
Pont Manor
Pont Maple
Pont Lisgar
Pont Mimico
Pont Rideau
Pont Wood
Pont Nicol
Pont Putman
Pont Vanier
Pont Montfort
Pont Montreal
Pont Cummings
Pont Mark
Pont Emond
Pont Durocher
Pont Hannah
Pont Levis
SEE ENLARGEMENT PAGES 202-205
VILLE DE GATINEAU
CITY OF OTTAWA
Z34856
6964
AUG 02 2007

Ontario Ministry of the Environment

Well Tag No. (Place Sticker and/or Print Below) A 063670

A 063670

Master Well Record for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Page 1 of 2

Master Well Owner's and Land Owner's Information

[redacted]

339 Wilbrod St.

County/District/Municipality: CARLETON

City/Town/Village: Ottawa

Province: Ontario

Postal Code:

UTM Coordinates NAD 83: Zone 18 Easting 446855 Northing 5030755

GPS Unit Make: Garmin

Model: E-trek

Mode of Operation: ☐ Undifferentiated ☑ Averaged ☐ Differentiated, specify

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

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres) From	Depth (Metres) To
Blk	Top soil		soft	0	.31
Brn	Sand		soft	.31	1.5
Gry	Clay		Soft, moist	1.5	4.27
Gry	clay		wet, soft	4.27	6.1

Hole Details

Depth (Metres) From	Depth (Metres) To	Diameter (Centimetres)
0	6.1	8.89

Water Use

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

Method of Construction

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

Status of Well

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

Construction Details

Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres) From	Depth (Metres) To
	Plastic (riser)	0.25	0	3.1
	Plastic (Screen)	.25	3.1	6.1

No Casing and Screen Used

Open Hole ☐ Yes ☐ No

Static Water Level Test

Metres

Screen

☐ Galvanized ☐ Steel ☐ Fibreglass ☐ Concrete ☑ Plastic

Outside Diameter (Centimetres): 3.81

Slot No.: 10

Water Details

Water found at Depth	Kind of Water
Metres ☐ Gas	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals
Metres ☐ Gas	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals
Metres ☐ Gas	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals

Disinfected ☐ Yes ☐ No If no, provide reason:

Date Master Well Completed (yyyy/mm/dd)

Annular Space/Abandonment Sealing Record

Depth Set at (Metres) From	To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
0	.31	flushmount / concrete	
.31	2.44	Benseal	
2.44	6.1	Sand	

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

Total Wells in Cluster

Total Wells on this Property

Please indicate Number of Cluster Well Information Log Sheets Submitted

Location of Well Cluster

Detailed Map must be provided as an attachment no larger than legal size (8.5" x 14"). Sketches are not allowed.

☐ Check box to confirm detailed map is provided as per Section 11.1 (3)

Consent to release additional information concerning the cluster to the Director upon request

Sig [redacted]

Ma

Sig

Well Contractor and Well Technician Information

Business Name of Well Contractor: STRATA SOIL SAMPLING

Well Contractor's Licence No.: 7241

Business Address (Street No./Name, number, RR): 47 WEST BEAVER CREEK

Municipality: RICHMOND HILL

Province: ON

Postal Code: L4B1G6

Business E-mail Address: jamdeamestratasoil.com

Bus. Telephone No. (inc. area code): 1 905 764 9804

Name of Well Technician (Last Name, First Name): MINS BROWN

Well Technician's Licence No.: 7+29771.

Signature of Technician

Date Submitted (yyyy/mm/dd): 2007/09/27

Beatty Brian, 1796

Ministry Use Only

Audit No.: M 00164

Well Contractor No.:

Date Received (yyyy/mm/dd): OCT 22 2007

Date of Inspection (yyyy/mm/dd):

Remarks:

992 (11/2006)

Ministry's Copy

Ontario

Ministry of the Environment

Well Tag No. for Master Well *(Print Well Tag No.)*
A 063670
A 063670

Cluster Well Information for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Page 2 of 2

[redacted]

Address of Well Location (Street Number/Name, RR)	Lot	Concession	Township	County/District/Municipality
339 wilbrod st				CARLETON

City/Town/Village	Province	Postal Code	GPS Unit Make	Model	Unit Mode of Operation
Ottawa	Ontario		Garmin	E trex	☐ Undifferentiated ☑ Averaged ☐ Differentiated, specify:

upon request

Signature of Technician/Contractor	Date *(yyyy/mm/dd)*

Well # on Sketch	UTM Coordinates Zone	Easting	Northing	Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Interval (metres) From	Screen Interval (metres) To	Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion *(yyyy/mm/dd)*
1	18	446855	5030755	6.1	8.89	Direct push	PVC	3.1	3.1	6.1	Benseal				2007/09/21
2	18	446818	5030733	6.1	"	"	PVC	3.14	3.14	6.1	"				"
3	18	446814	5030736	5.49	"	"	PVC	2.44	2.44	5.49	"				"
4	18	446815	5030757	6.1	"	"	PVC	3.1	3.1	6.1	"				"

Well Contractor and Well Technician Information

Business Name of Well Contractor	Business Address (Street Number/Name, RR)	Municipality	Province
STRATA SOIL SAMPLING	147 WEST BEAVER CREEK	RICHMOND HILL	ON

Postal Code	Business Telephone No. *(inc. area code)*	Well Contractor's Licence No.	Business E-mail Address
L4B1C6	9057649300	7211	jandean@stratasoil.com

Name of Well Technician (First Name, Last Name)	Well Technician's Licence No.	Date Submitted *(yyyy/mm/dd)*	Signature of Technician
MIKE BROWN	T-29977	2007/09/27	

Beatty Brian, 1796

Date 1st Well in Cluster Constructed *(yyyy/mm/dd)*	Date Last Well in Cluster Constructed *(yyyy/mm/dd)*

Ministry Use Only

Date Received *(yyyy/mm/dd)*	Date Inspected *(yyyy/mm/dd)*
OCT 22 2007	
Audit No. C 00226	Remarks

1991 (11/2006)

Ministry's Copy

Ontario Ministry of the Environment

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

A032149 Abandonment

Master Well Record for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Page 1 of 1

[redacted]

Address of Well Location (Street Number/Name, RR): 258 Stuart Street

Township: Ottawa-Carleton

Lot: | Concession:

County/District/Municipality: Ottawa-Carleton

City/Town/Village: Ottawa

Province: Ontario

Postal Code:

UTM Coordinates: NAD 83 | Zone 18 | Easting 446916 | Northing 5030818

GPS Unit Make: Magellan | Model:

Mode of Operation: ☑ Undifferentiated ☐ Averaged ☐ Differentiated, specify

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

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres) From	To
	7 monitoring wells decommissioned				
	MW07-1	446916E	5030818N	tagged	
	MW 1	446923E	5030825N		
	MW 2	446905E	5030822N		
	MW 3	446897E	5030845N		
	MW 5	446928E	5030827N		
	MW 6	446915E	5030817N		
	MW 7	446900E	5030845N		

Hole Details

Depth (Metres) From	To	Diameter (Centimetres)

Water Use

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

Method of Construction

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

Status of Well

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

Construction Details

Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres) From	To

Annular Space/Abandonment Sealing Record Abandonment

Depth Set at (Metres) From	To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
0	0.15	topsoil or cold patch	
0.15	0.60	holeplug	1/4 bag
0.60	4.60	cement bentonite grout	15 litres

No Casing and Screen Used

Open Hole ☐ Yes ☐ No

Static Water Level Test

Metres

Screen

☐ Galvanized ☐ Steel ☐ Fibreglass ☐ Concrete ☐ Plastic

Outside Diameter (Centimetres): | Slot No.:

Water Details

Water found at Depth: Metres ☐ Gas — Kind of Water: ☐ Fresh ☐ Salty ☐ Sulphur ☐ Mineral
Water found at Depth: Metres ☐ Gas — Kind of Water: ☐ Fresh ☐ Salty ☐ Sulphur ☐ Mineral
Water found at Depth: Metres ☐ Gas — Kind of Water: ☐ Fresh ☐ Salty ☐ Sulphur ☐ Mineral

Disinfected ☑ Yes ☐ No If no, provide reason: Abandoned

Date Master Well Complete (yyyy/mm/dd): 2008/06/11

Cluster Information *(Please also fill out the additional Cluster Well Information for Well Construction for each parcel of land and cluste*

Total Wells in Cluster: 7

Please indicate Number of Cluster W Information Log Sheets Submitted: 1

Total Wells on this Property:

Location of Well Cluster

Detailed Map must be provided as an attachment no larger than legal siz (8.5" x 14"). Sketches are not allowed.

☑ Check box to confirm detailed map is provided as per Section 11.1 (3

[redacted]

Well Contractor and Well Technician Information

Business Name of Well Contractor: OGS INC.

Well Contractor's Licence: 6 9 6 4

Business Address (Street No./Name, number, RR): 5518 Appleton Side Road

Municipality: Almonte

Province: Ontario

Postal Code: K0A 1A0

Business E-mail Address: ogsinc@bellnet.ca

Bus. Telephone No. (inc. area code): 6132567666

Name of Well Technician (Last Name, First Name): Ohlmann, Brian

Well Technician's Licence No.: 2593

Signature of Technician:

Date Submitted (yyyy/mm/dd):

Ministry Use Only

Audit No.: M 00595

Well Contractor No.:

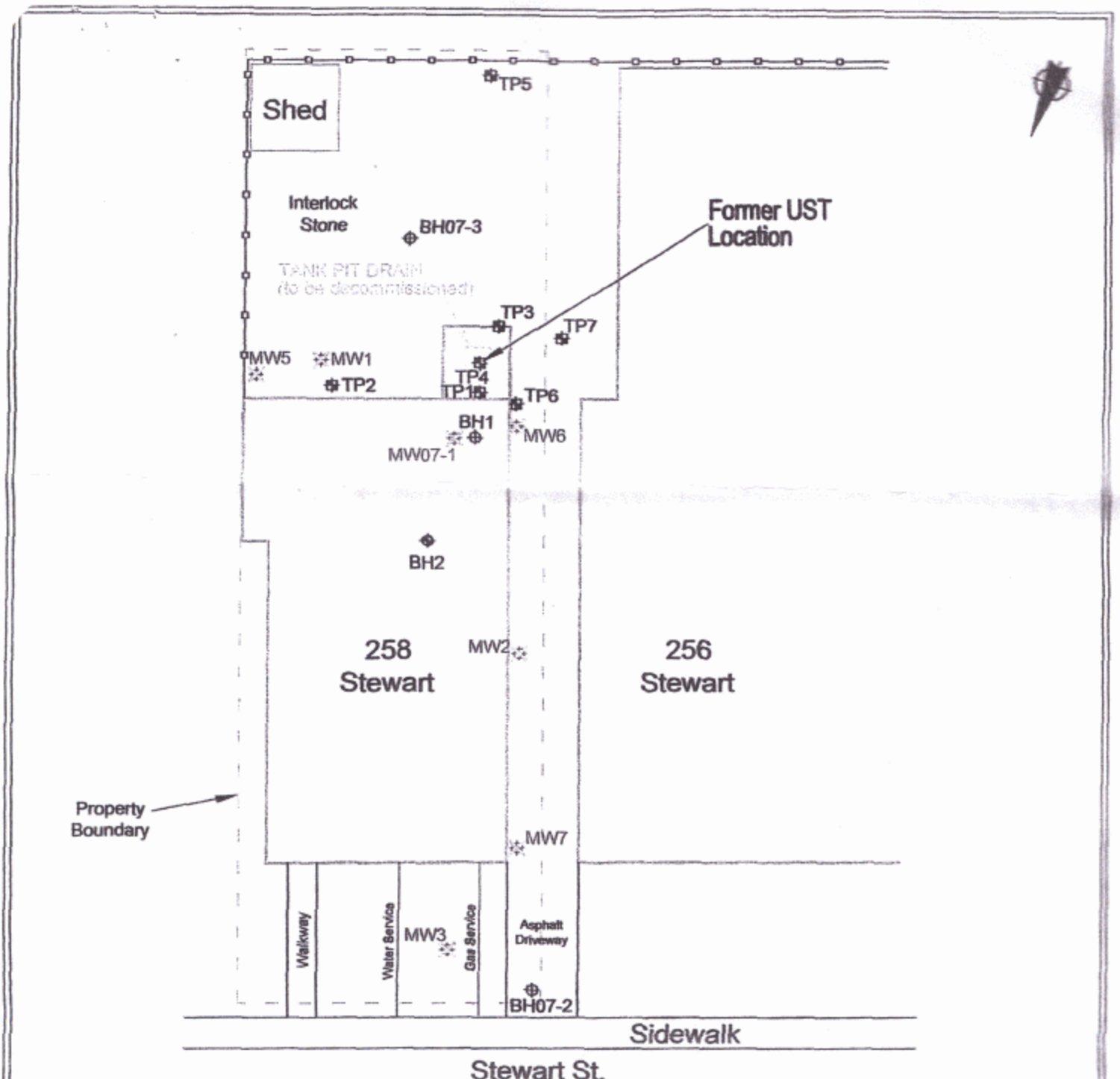
Date Received (yyyy/mm/dd): JUN 18 2008

Date of Inspection (yyyy/mm/dd):

Remarks: (A) MAPS

1992 (11/2006)

Ministry's Copy



LEGEND

- TP7 — Test Pit
- BH1 — Bore Hole
- MW2 — Monitoring Well
- MW2 — Monitoring well to be decommissioned
- Fence
- Building Perimeter

Title: PROPOSED MONITORING WELL DECOMMISSIONING

FRANZ ENVIRONMENTAL INC.
CONSULTING ENGINEERING TECHNOLOGIES

Project: C OF A 258 STEWART STREET

Date: APRIL 2008

Client: GISÈLE FORTIER

SCALE 1:200

5 4 3 2 1 0 metres 5 10

FIGURE 1

Proposal\2008\P-2562 Stewart Street MW Decommissioning\StewartSt-decommissioning.dwg

C-6964 JUN 18 2008 M00595

Ontario Ministry of the Environment

Well Tag No. for Master Well *(Place Sticker and/or Print Below)*
A 064922
A064922

Master Well Record for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Master Well Owner's and Land Owner's Information

First Name	Last Name	E-mail Address
RIDEAU	REGIONAL CENTRE	

Mailing Address (Street Number/Name, RR)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
P.O. BOX 2000	SMITHS FALLS	ONTARIO	K7A4T9	6138548401123

Location and Construction of the Master Well in the Cluster

Address of Well Location (Street Number/Name, RR)	Township	Lot	Concession
3312 CR # 43	NORTH ELMSLEY		

County/District/Municipality	City/Town/Village	Province	Postal Code
LANARK	SMITHS FALLS	Ontario	

UTM Coordinates	Zone	Easting	Northing	GPS Unit Make	Model	Mode of Operation
NAD 83	18	446896	5030854	Magellan		☑ Undifferentiated ☐ Averaged ☐ Differentiated, specify

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

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres) From	To
brown	topsoil		topsoil	0	0.7
grey	cobbles			0.7	1.8
brown	sand		sand fill	1.8	2.7
white/grey		sand stone	bedrock	2.7	6.3

MW9 was tagged, MW8 has the same soil conditions and installation.

Hole Details

Depth (Metres) From	To	Diameter (Centimetres)
0	2.7	7.6
2.7	6.3	5.7

Water Use

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

Method of Construction

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

Status of Well

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

Construction Details

Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres) From	To
3.5	plastic riser	0.3	0	3.3
3.5	plastic screen	0.3	3.3	6.3

No Casing and Screen Used

Open Hole ☐ Yes ☐ No

Static Water Level Test

3.5 Metres

Screen

☐ Galvanized ☐ Steel ☐ Fibreglass ☐ Concrete ☑ Plastic

Outside Diameter (Centimetres)	Slot No.
4.1	10

Annular Space/Abandonment Sealing Record

Depth Set at (Metres) From	To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
0	3.1	bentonite pellets	½ pail
3.1	6.3	filter sand	½ bag

Water Details

Water found at Depth		Kind of Water
	Metres ☐ Gas	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals
	Metres ☐ Gas	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals
	Metres ☐ Gas	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals

Disinfected ☐ Yes ☐ No If no, provide reason:

Date Master Well Completed (yyyy/mm/dd): 2008/06/05

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

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

Location of Well Cluster

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

Consent to release additional information concerning the cluster to the Director upon request

[redacted]

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
OGS INC.	6964

Business Address (Street No./Name, number, RR)	Municipality
5518 Appleton Side Road	Almonte

Province	Postal Code	Business E-mail Address
Ontario	K0A1A0	ogsinc@bellnet.ca

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
6132567666	Edgin, Chad

Well Technician's Licence No.	Signature of Technician	Date Submitted (yyyy/mm/dd)
3299		2008/07/04

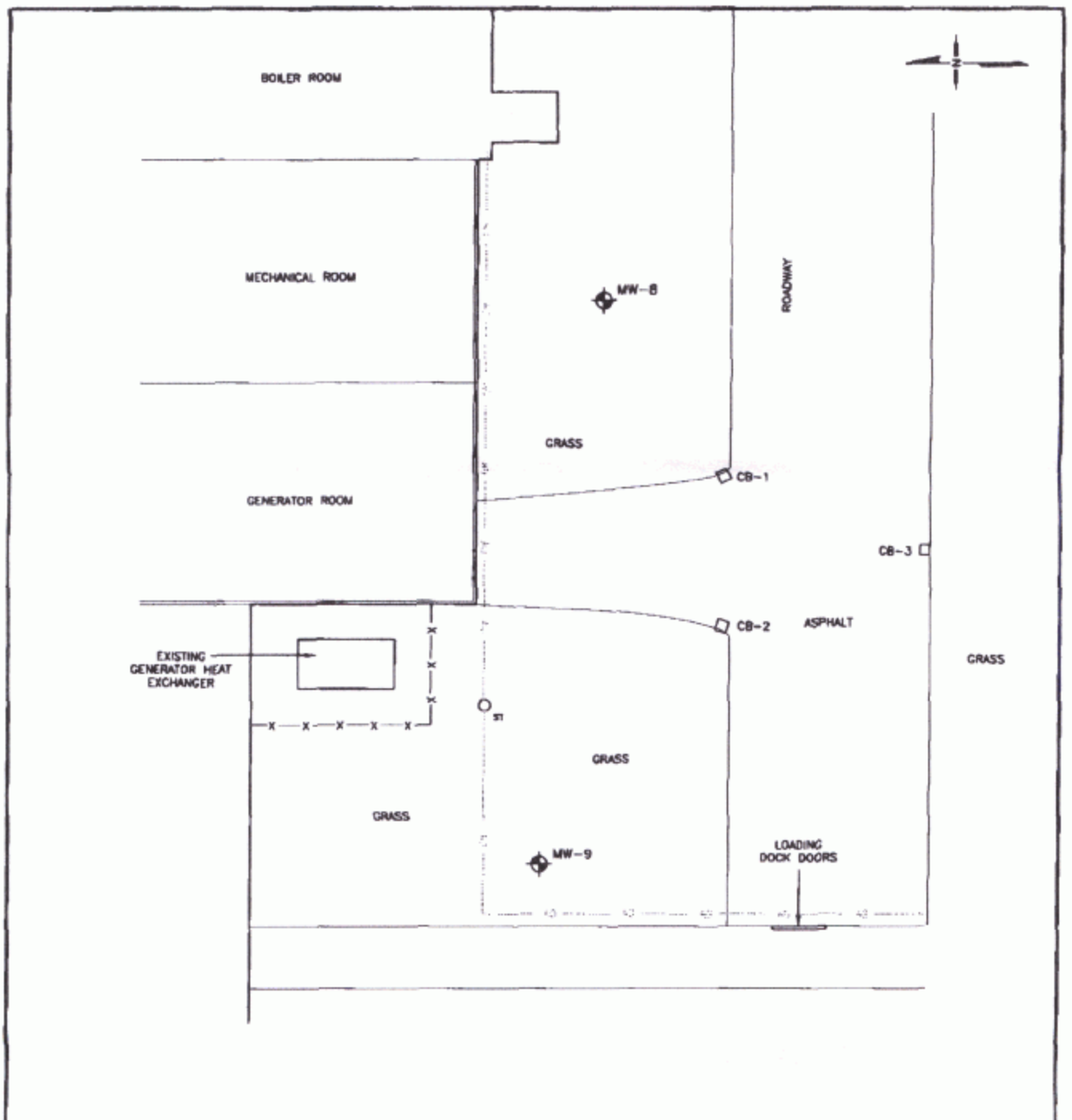
Ministry Use Only

Audit No.	Well Contractor No.
M 03128	
Date Received (yyyy/mm/dd)	**Date of Inspection (yyyy/mm/dd)**
JUL 07 2008	

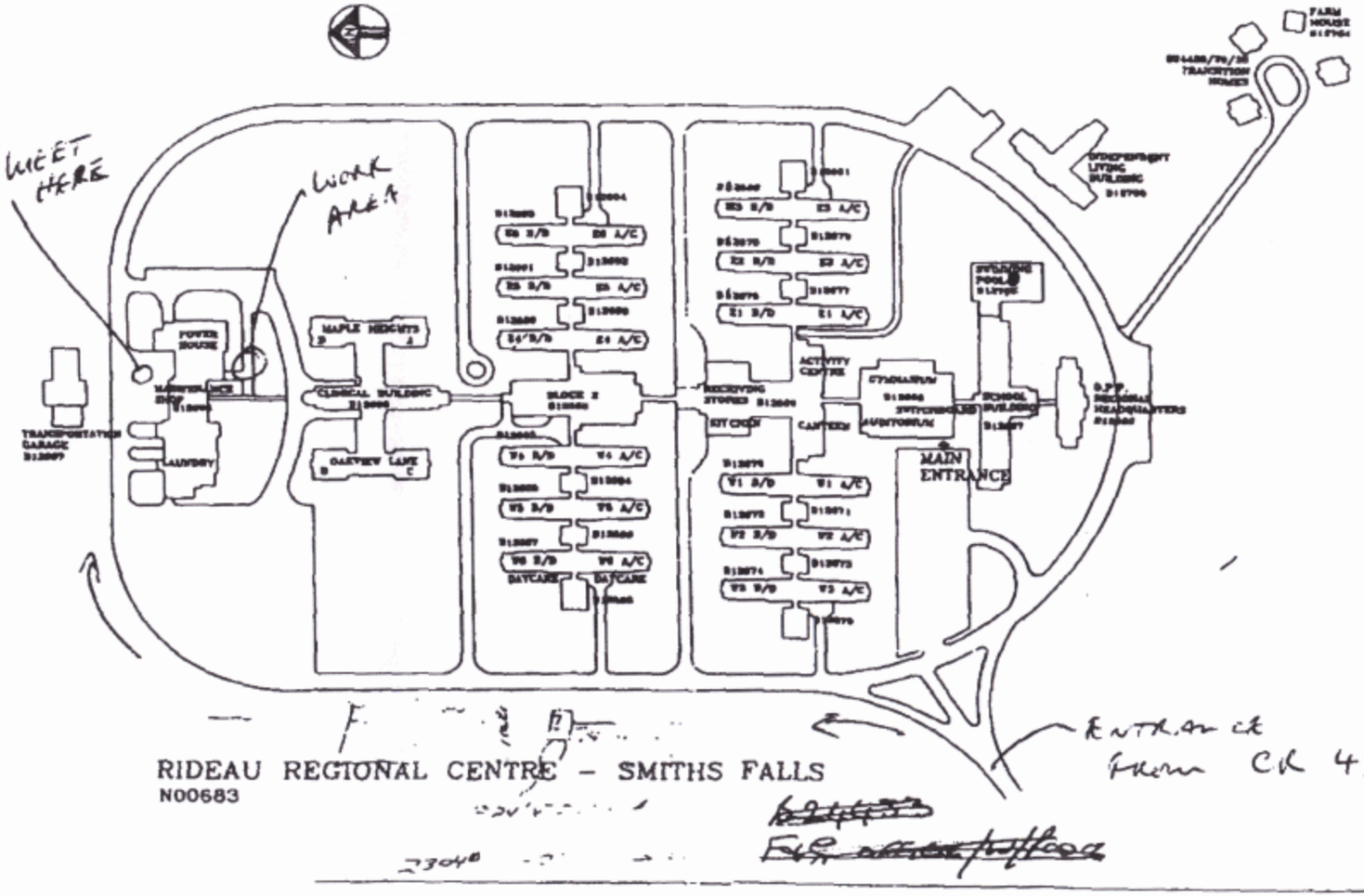
Remarks: (A) MAPS

1992 (11/2006)

Ministry's Copy



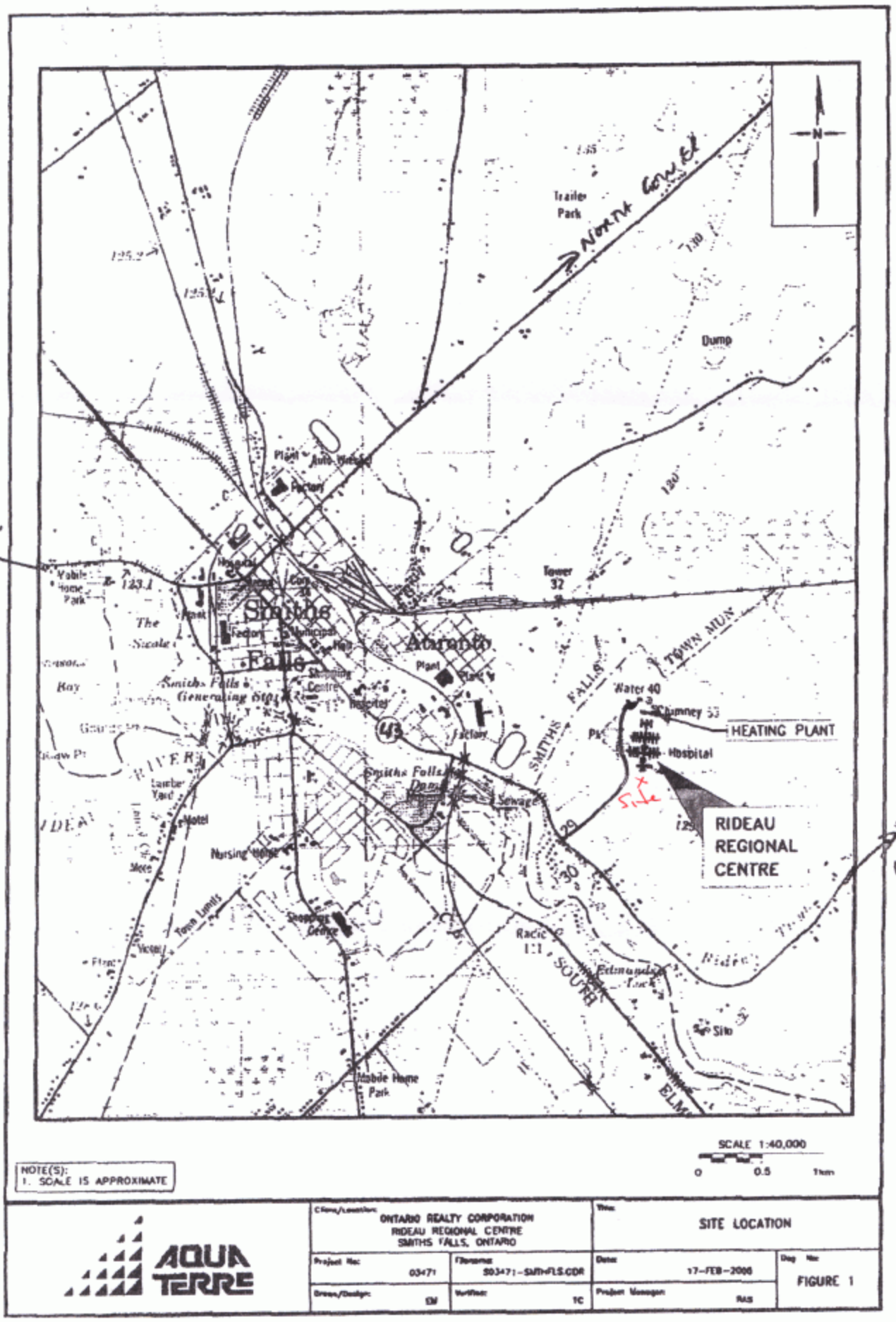
M 03128 JUL 07 2008 C-6964



RIDEAU REGIONAL CENTRE – SMITHS FALLS
N00683

FIGURE 2

M03128 C-6964



SCALE 1:40,000
0 0.5 1km

NOTE(S):
1. SCALE IS APPROXIMATE

AQUA TERRE

Client/Location: ONTARIO REALTY CORPORATION RIDEAU REGIONAL CENTRE SMITHS FALLS, ONTARIO		Title: SITE LOCATION	
Project No: 03471	Filename: 03471-SMTHFLS.CDR	Date: 17-FEB-2006	Dwg No: FIGURE 1
Drawn/Design: SM	Verified: TC	Project Manager: RAS	

M03128 JUL 07 2008 C-6964

Ontario — Ministry of the Environment

Well Tag No. (Place Sticker and/or Print Below)
Tag#: A141839 A141839

S-13505

Well Record

Regulation 903 Ontario Water Resources Act

Measurements recorded in: [X] Metric [ ] Imperial

Page ____ of ____

[redacted]

Address of Well Location (Street Number/Name)	Township	Lot	Concession
301 Laurier Ave E.			
County/District/Municipality	**City/Town/Village**	**Province**	**Postal Code**
	Ottawa	Ontario	
UTM Coordinates NAD 83 — Zone	Easting	Northing	**Municipal Plan and Sublot Number** / **Other**
18	446861	5030618	

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
Dk/Brn	Concrete / Fill			0	.31
Brn	Silt	Clay		.31	.61
Gry	Clay			.61	1.83
Gry	Clay			1.83	3.35

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m^3/ft^3)
0	.31	Concrete / Flush	
.31	.91	Bentonite	
.91	3.35	Sand	

Method of Construction

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

Well Use

[ ] Public [ ] Commercial [ ] Not used
[ ] Domestic [ ] Municipal [ ] Dewatering
[ ] Livestock [X] 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	Depth (m/ft) To
3.45	PVC	.356	0	.91

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
4.21	PVC	10	.91	3.35

Status of Well

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

Water Details

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

Hole Diameter

Depth (m/ft) From	Depth (m/ft) To	Diameter (cm/in)
0	3.35	5.71

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata Soil Sampling Inc	7214
Business Address (Street Number/Name)	**Municipality**
2-147 West Beaver Creek Rd	Richmond Hill
Province	**Postal Code**	**Business E-mail Address**
ON	L4B1C6	Wrecords@Stratasoil.ca
Bus. Telephone No. (inc. area code)	**Name of Well Technician (Last Name, First Name)**
9057649304	Beath, Brian
Well Technician's Licence No.	**Signature of Technician and/or Contractor**	**Date Submitted**
3616		2013/01/04

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)

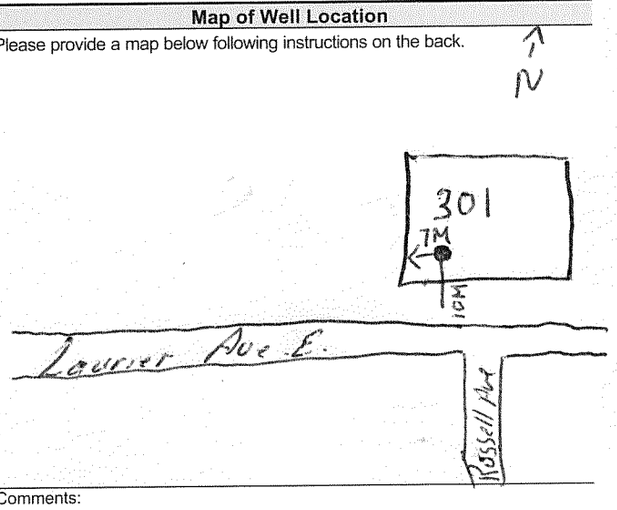
Well production (l/min / GPM)

Disinfected? [ ] Yes [ ] No

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

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

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

Date Package Delivered: Y Y Y Y M M D D

Date Work Completed: 2013/01/03

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Audit No. Z153020

Received JAN 28 2013

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Ontario — Ministry of the Environment

Measurements recorded in: ☑ Metric ☐ Imperial

Well Tag No. *(Place Sticker and/or Print Below)* A110631

Well Record

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
	Grimes Realty		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
2460 Lancaster Rd, suite 201	Ottawa	ON	K1B4S5	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
265 Daly avenue			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 8 3	18	446750	5030896		

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
Grey	Crushed Stone	—	Fill	0	0.46
Brown	Silty sand	clay, gravel & trace concrete	Fill	0.46	2.90
Grey	Concrete slab	—	—	2.90	3.07
Brown to grey	Silty clay	—	—	3.07	6.10

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m^3/ft^3)
0	2.8	bentonite	

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
3.1	PVC	Schedule 40	0	3.1

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
3.8	PVC	10	3.1	6.1

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
☐ Other, specify

Water Details

Water found at Depth	Kind of Water	
5.6 (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)
0	6.10	8.89

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)

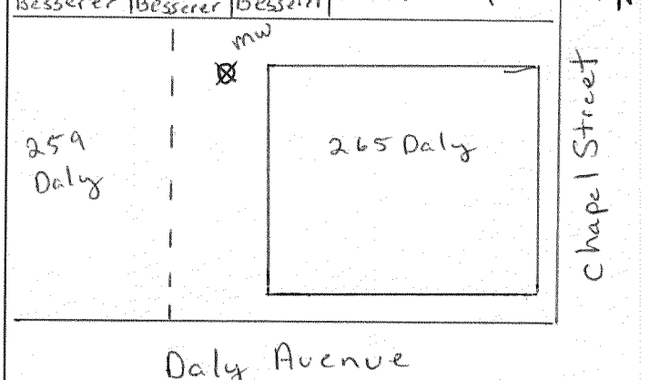
Well production (l/min / GPM)

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Eastern Ontario Diamond Drilling Ltd	7328

Business Address (Street Number/Name)	Municipality
3780 County Rd 17, P.O. Box 33	Hawkesbury

Province	Postal Code	Business E-mail Address
ON	K6A2R4	ontariodiamond@hawk.igs.net

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
6136327769	Stephen

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3326		2014/04/25

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☐ No	Y Y Y Y M M D D	2012/12/05

Ministry Use Only

Audit No. Z171268

Received MAY 27 2014

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Ministry's Copy

A182833

Ontario — Ministry of the Environment and Climate Change

Well Tag No. (Place Sticker and/or Print Below): A182833

Tag#: A182833

Well Record

...tion 903 Ontario Water Resources Act

Measurements recorded in: ☑ Metric ☐ Imperial

5-20796

Page _____ of _____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
	Smart Living Canada		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
100 Argyle Avenue, suite 200	Ottawa	ON	K2P 1B6	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
825 Friel St.			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	446702	5030715		

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
BRN	top soil		soft	0	.31
GRY	clay	silt	soft	.31	5.49
GRY	clay	silt	dense	5.49	7.62

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	.31	concrete / flushmount	
.31	4.27	bentonite	
4.27	7.62	filter sand	

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
4.03	PVC	.368	0	4.57

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
4.82	PVC	10	4.57	7.62

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
☐ Other, specify

Water Details

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

Hole Diameter

Depth (m/ft) From	Depth (m/ft) To	Diameter (cm/in)
0	7.62	8.25

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)

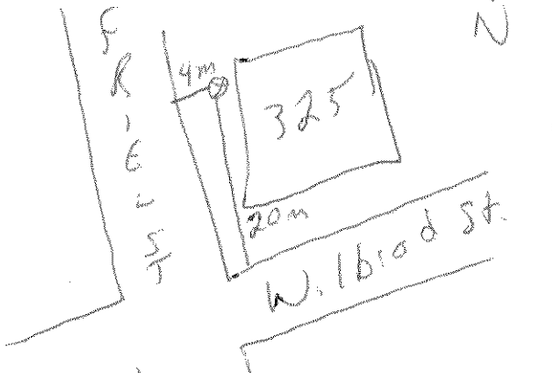
Well production (l/min / GPM)

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata Drilling Group	7214

Business Address (Street Number/Name)	Municipality
165 Shields Court	Markham

Province	Postal Code	Business E-mail Address
ON	L3R 8V2	wrecords@stratasoil.com

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
905 940 7979	McCoy, James

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3165		2017/09/10

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☐ No		2017/09/07

Ministry Use Only

Audit No Z 206451

OCT 05 2017

Received

0506E (2014/11)

Ministry's Copy

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: 7350809
Well Audit Number: *Z324365*
Well Tag Number: *A282393*
This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	380 CUMBERLAND ST
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: 446775.00 Northing: 5030795.00
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	----		HARD	0 ft	.5 ft
GREY	GRVL	HARD	PCKD	.5 ft	2 ft
BRWN	CSND	GRVL	FILL	2 ft	6 ft
GREY	TILL	HARD	DNSE	6 ft	11 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	1 ft	CONCRETE FLUSHMOUNT	
1 ft	5 ft	BENSEAL	
5 ft	11 ft	FILTER SAND	

Method of Construction & Well Use

Method of Construction	Well Use
Other Method	
DIRECT PUSH	Monitoring and Test Hole

Status of Well

Monitoring and Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.049 Inch	PLASTIC	0 ft	6 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.315 inch	PLASTIC	6 ft	11 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at

Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

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

50	50
60	60

Water Details

Water Found at Depth	Kind

Hole Diameter

Depth From	Depth To	Diameter
0 ft	11 ft	2.25 Inch

Audit Number: Z324365

Date Well Completed: November 05, 2019

Date Well Record Received by MOE: January 06, 2020

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)

Nick Sullivan

From: Public Information Services <publicinformationservices@tssa.org>
Sent: July 14, 2021 2:29 PM
To: Nick Sullivan
Subject: RE: Records Search Request (PE5378)

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

RECORD FOUND

Hello Nick,

Thank you for your request for confirmation of public information.

- We confirm that there are records in our database of fuel storage tanks at the subject address(es).

INSTANCE	ADDRESS	CITY	PROVINCE	POSTAL CODE	STATUS	FACILITY/DEVICE
64660074	353 FRIEL ST	OTTAWA	ON	K1N 7W7	ACTIVE	FS NON LICENSED FACILITY

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,

Connie Hill | Public Information Agent
Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3383 | Fax: +1-416-231-6183 | E-Mail: chill@tssa.org
www.tssa.org

From: Nick Sullivan <nsullivan@Patersongroup.ca>
Sent: July 14, 2021 9:46 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Records Search Request (PE5378)

Good day,

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

Wilbrod Street: 315, 326, 330, 338, 339;
Friel Street: 333, 351, 353, 367;
Stewart Street: 210.

Thank you,

Nick Sullivan, B.Sc.

patersongroup
solution oriented engineering
over 60 years serving our clients

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel: (613) 226-7381 Ext. 208
Cell: (613) 913-3608

File Number: D06-03-21-0149

November 8, 2021

Nick Sullivan
Paterson Group Inc.
154 Colonnade Road South, Ottawa

*Sent via email [*nsullivan@patersongroup.ca*]*

Dear Mr. Sullivan,

Re: Information Request
326 & 330 Wilbrod**, Ottawa, Ontario ("Subject Property")**

Internal Department Circulation

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

- No information was returned on the Subject Property from Departmental circulation.

Documents Provided:

Excel

The Excel Spread Sheet identifies HLUI area, point and line features within 250 metres of the Subject Property, as shown on the provided Map. Within 500 metres of the Subject Property, landfills and Environmental Risk Management Area (ERMA) are also identified if applicable.

Additional information may be obtained by contacting:

Ontario's Environmental Registry

The Environmental Registry found at http://www.ebr.gov.on.ca/ERS-WEB-External/ contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using keys words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

The Ontario Land Registry Office

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House
161 Elgin Street 4th Floor
Ottawa ON K2P 2K1
Tel: (613) 239-1230
Fax: (613) 239-1422

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.

If you have any further questions or comments, please contact Jonathan Katsouleas at 613-580-2424 ext. 23601 or HLUI@ottawa.ca

Sincerely,

Jonathan Katsouleas

Per:

Michael Boughton, MCIP, RPP
Senior Planner
Development Review East
Planning Services
Planning, Infrastructure and Economic Development Department

MB / JK

Enclosures.

1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-21-0149

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	ST_DIR	MUNICIPALITY	ST_NUM2017	ST_NAME2017	ST_SUFFIX2017	ST_DIR2017	POSTAL_CODE2017	PIN2017	MUNICIPALITY2017	NAICS	SIC	COMMENTS	STORAGE_TANK	Shape_Length	Shape_Area
482	SIRSI CORP	Electrical and Electronic M	2005-SelectPhone	1	2005	c. 2005	400	LAURIER	AVE	EAST		400	LAURIER	AVE	E	K1N8Y2	1.5E+08	OLD OTTAWA	417310; 443120		#200		124.960593	975.3602157
3034	PARKER CLEAN	Laundries and Cleaners	1970-M	2	1960-198(	c. 1970	332	FRIEL	ST		OTTAWA	330	FRIEL	ST		K1N7W4	4.2E+07	OLD OTTAWA	561740; 81231(	972			60.65773689	204.6173963
3050	VICTORIAN ORDER OF I	Medical and Other Health	2001-ES	1	2001	c. 2001	5	BLACKBURN	AVE			384	LAURIER	AVE	E	K1N6P9	4.2E+07	OLD OTTAWA	621990				141.7134384	1230.609303
3060	NATIONAL DAIRY COUN	Other services (except pul	2001-ES	1	2001	ES 2001	221	LAURIER	AVE			221	LAURIER	AVE	E	K1N6P1	4.2E+07	OLD OTTAWA	813920				101.2620687	614.0544835
3062	R E HEIN CONSTRUCTI(	Residential Building and D	2003-PID	1	2003	c. 2003	301	LAURIER	AVE	WEST	OTTAWA	301	LAURIER	AVE	E	K1N6P8	4.2E+07	OLD OTTAWA	236110				101.1534866	613.5218217
3065	WILBROAD COIN LAUN(	Coin Laundry	1990-CD	1	1990	CD 1990	315	WILBROD	ST			315	WILBROD	ST		K1N6M3	4.2E+07	OLD OTTAWA					80.62061002	406.2258912
3075	WINCON CONSTRUCTION	1986 LTD	2016-PID	1	2016	PID2016	265	LAURIER	AVE	EAST	OTTAWA	261	LAURIER	AVE	E	K1N6P7	4.2E+07	OLD OTTAWA	<Null>				267.0251523	3586.767331
4531	H ROBILLARD AND SON	Lime Industry	1910-M	2	1910	c. 1910	236	CHAPEL	ST		OTTAWA	234	CHAPEL	ST		K1N7Y7	4.2E+07	OLD OTTAWA	327410	358			60.95676218	208.4527349
4532	OTTAWA MOTOR TRAN:	Public Passenger Transit :	1920-M	2	1920	c. 1920	236	CHAPEL	ST		OTTAWA	234	CHAPEL	ST		K1N7Y7	4.2E+07	OLD OTTAWA	485110; 48521(	457			60.95676218	208.4527349
4533	PHOTOGO-BLACKBURN	Platemaking, Typesetting ,	1994-PID; 2000-PID	1	1994-200(	c. 1994; c	225	LAURIER	AVE		OTTAWA	223	LAURIER	AVE	E	K1N6P1	4.2E+07	OLD OTTAWA	323120; 81292	282			101.2693584	614.0391683
4534	UCI LAUNDRY MAT	Laundries and Cleaners	2001-ES	1	2001	c. 2001	225	LAURIER	AVE		OTTAWA	223	LAURIER	AVE	E	K1N6P1	4.2E+07	OLD OTTAWA	812310				101.2693584	614.0391683
4536	BETTY BRITE CLEANER	Laundries and Cleaners	1970-M; 1980-M; 1990-CD; 199	1	1960-201;	c. 1970-19	218	LAURIER	AVE	EAST	OTTAWA	210	LAURIER	AVE	E	K1N6P2	4.2E+07	OLD OTTAWA	561722; 56174(	972	845550 ONTARIO LIMITE		138.5077472	1184.09566
4537	LAURIER OFFICE MART	Printers (Mfrs)	2017-SalesGenie	1	2017	SalesGenie 2017					OTTAWA	210	LAURIER	AVE	E	K1N6P2	4.2E+07	OLD OTTAWA	32311109	Feb-52			138.5077472	1184.09566
4542	TEB-MAR PRODUCTS IN	Tools (Construction)	2004-GWStudy	1	1994	GW Study 2004	Scotts				OTTAWA	313	LAURIER	AVE	E	K1N6P8	4.2E+07	OLD OTTAWA	332210		313 Laurier Ave E		80.87509565	306.3606997
4549	MERRIAM PRINT & COP	Retail	2006-ES: 2012-ES: 2017-SalesG	1	2006-201;	ES 2006; I	252	LAURIER	AVE			252	LAURIER	AVE	E	K1N6P4	4.2E+07	OLD OTTAWA	323115; 453210				82.75299709	299.2549464

HLUI SUMMARY REPORT
POINT FEATURES

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	TANK_LOCATION	TANK_CONTENT	TANK_SIZE	TANK_TYPE	TANK_STATUS	SOURCE	INSTALLED_ST_NUM	INSTALLED_ST_NAME	INSTALLED_ST_ABR	INSTALLED_ST_DIR	COMMENT	MTM_X	MTM_Y	IMAGE_MAP	IMAGE_CERTAINTY	IMAGE_MAP_2	TANK_MATERIAL	TANK_ID	TANK_LEAKING	TANK_REMOVED	REMOVED_DATE	DATE_INSTALLED	NATURE_OF_BUSINESS	SCANNED_DRAWING	TEMPREcordID	CAPACITY_UOM	MUNICIPALITY	POSTCODE
3158	EIFFEL CONSTRUCTION LTD		UST	fuel oil	9080	Permit		Bylaw No. 304-60	345	LAURIER	AVE	E	address verified from dwg & geoc	369147.8558	5032329.499	FR300-VAH610	1			ST3872				16/01/1967		Yes					
4270	CHURCHILL COURT APTS - L PETEGORSKY - F		AST	fuel oil	9080	Permit		Bylaw No. 8022 -	275	FRIEL	ST			368847.0508	5032491.126		1			ST0360				15/08/1960		Yes					
4271	37 SUITE APT BLDG		UST	oil	22700	Permit		Bylaw No. 304-60	368	BESSERER	ST			368872.924	5032506.968					ST4674				06/12/1960		Yes					
4272	BEVERLY APTS - L PETEGORSKY - PARFIELD		UST	fuel oil	9080	Permit		Bylaw No. 8022 -	265	DALY	AVE			368931.6873	5032507.651		1			ST0361				02/08/1960	1 - 2000 gal	Yes					
4274	J HENEY & SON		AST	oil	4540	Permit		Bylaw No. 8022 -	240	STEWART	ST		tank located in fire resistant room	369006.4495	5032404.291					ST1728				04/11/1957	1 - 1000 gal	oil storage tank					
4275	APT BLDG		UST	oil	9080	Permit		Bylaw No. 304-60	286	WILBROD	ST			368877.0095	5032222.495	FR300-VAH600	1			ST4675				16/11/1962		Yes					
4276	ST PIERRE SCHOOL - RCSSB		not specified	fuel oil	9080	Permit		Bylaw No. 8022 -	353	FRIEL	ST			369003.0838	5032270.036					ST0363				16/08/1954	1 - 2000 gal	tank					

HLUI SUMMARY REPORT
LINEAR FEATURES

OBJECTID	SOURCE	FEATURE	YEAR	COMMENT	NAME	Shape_Length
116	1909-City Map	Electric Railway	1895, 1929, 1950, 1954	Ottawa Electric Railv		2165.713
1583	Enbridge	Gas Pipeline				202.5917
1674	Enbridge	Gas Pipeline				5.818625
1820	Enbridge	Gas Pipeline				421.165

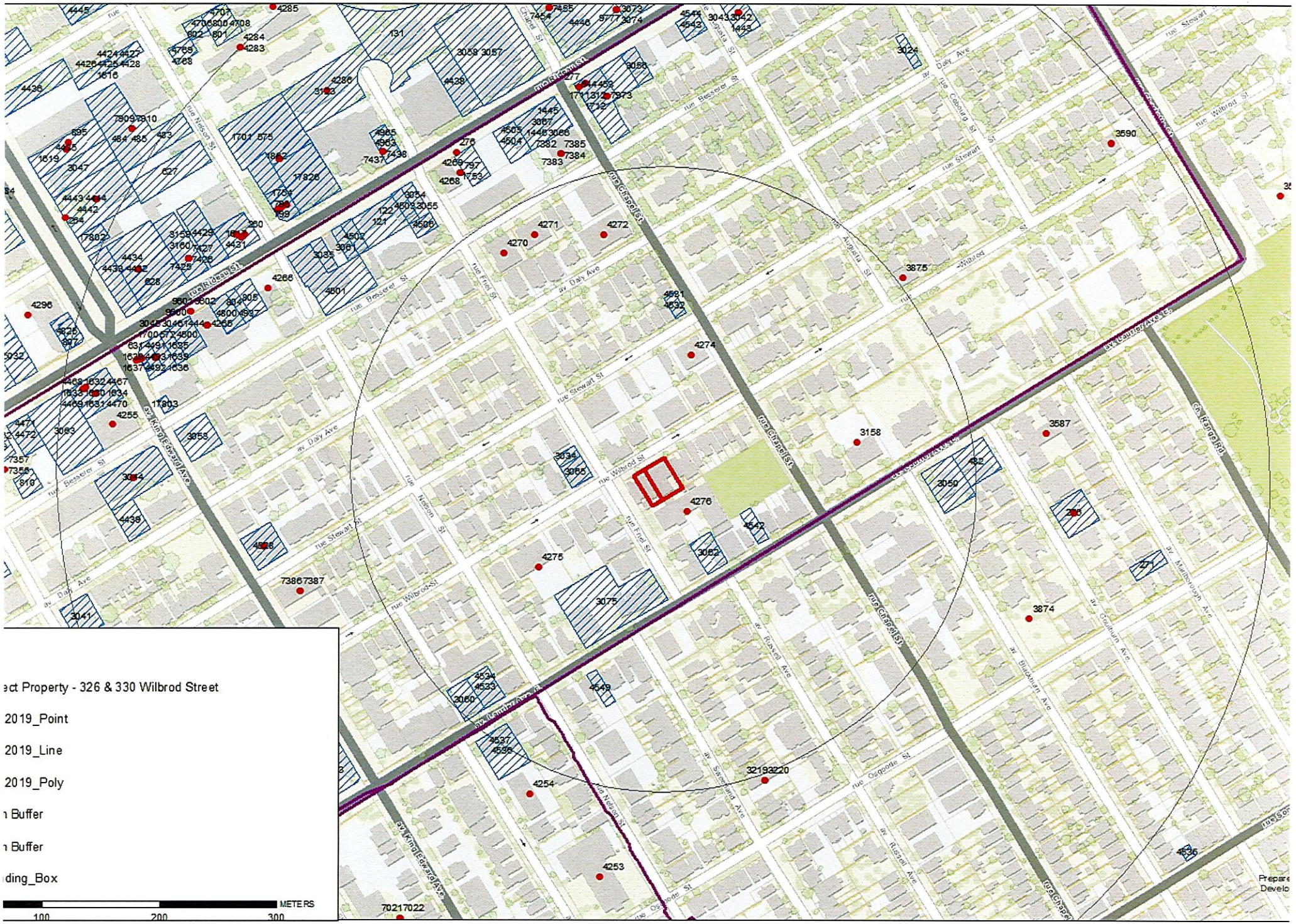
Prepared By: *D.Kiar*
City of Ottawa
Environmental Remediation Unit
2022-03-14

HLUI SUMMARY REPORT
AREA FEATURES

HISTORIC LANDFILL FEATURE	The historic landfills identified within the HLUI are referenced from the City's Old Landfill Management Strategy report (OLMS, 2004). Contact the City's Environmental Remediation Unit (ERU-UAE@ottawa.ca) if you would like more information about the old landfill sites identified in the OLMS report.
WATER_SUPPLY	
WASTETYPE	
WASTEDEPTH	
UTM_NAD27_NORTHING	
UTM_NAD27_N_NOTE	
UTM_NAD27_EASTING	
UTM_NAD27_E_NOTE	
Unique ID	
TOPOGRAPHY	
SOIL_COVER	
SIZE_HA	
SITE_STATUS	
SITE_NAME	
SITE_IDENTIFICATION	
SITE_COORD	
SITE_ALIAS	
SITE_ACCES	
Site ID French	
Sie Name French	
SHAPE.LEN	
SHAPE.AREA	
SHAPE	
SERVICE_AREA	
ROAD_TYPE	
ROAD_NAME	
PHYSICAL	
PARENT_ID	
PARAMETERS	
OWNERCATEGORY	
OWNER	
OVERBURDEN	
OTHERREF	
OTHER_INFO	
OPERATOR	
OPERATIONAL_PERIOD	
OBJECTID	
MOE_ID	
METHANE	
MAGNITUDE	
LOCTN_REF	
LOCATION	
LANDFILL_1998_ID	
INFORMATION_SOURCE	
GROUNDWATER_FLOW_DIRECTION	
GLOBALID	
G_VERSION	
G_NEXT_VERSION	
G_GENERATION	
FORMER_MUN	
ECOLOGICAL	
DISTANCE_TO_SURFACE_WATER	
DEPTH_TO_GROUNDWATER	
DEPTH_TO_BEDROCK	
CONCENTRTN	
Common Name French	
Common Name	
ANDERSONSWASTEDISPOSALSITES_ID	
ADJACENT_OWNER	
ADJACENT_LANDUSE	
ADJACENT_INDUSTRY	
ACTIVITYID	
ACTIVITY2	

Prepared By: *D.Kiar*
City of Ottawa
Environmental Remediation Unit
2022-03-14

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



DATABASE REPORT

Project Property:	*Phase I ESA* *326 Wilbrod Street* *Ottawa ON K1N 6M5*
Project No:	*PE5378*
Report Type:	*Standard Report*
Order No:	*21071300545*
Requested by:	*Paterson Group Inc.*
Date Completed:	*July 16, 2021*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Phase I ESA* *326 Wilbrod Street Ottawa ON K1N 6M5*
Project No:	*PE5378*

Coordinates:

Latitude:	*45.4275683*
Longitude:	*-75.6799022*
UTM Northing:	*5,030,674.41*
UTM Easting:	*446,813.37*
UTM Zone:	*18T*

Elevation: *239 FT*
72.88 M

Order Information:

Order No:	*21071300545*
Date Requested:	*July 13, 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	0	2	2
CA	Certificates of Approval	Y	0	9	9
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	0	0
EBR	Environmental Registry	Y	0	1	1
ECA	Environmental Compliance Approval	Y	0	8	8
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	45	45
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	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	14	14
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
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	2	2
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	1	1
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	5	5
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	0	3	3
SPL	Ontario Spills	Y	0	12	12
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	12	12
	Total:		0	114	114

Executive Summary: Site Report Summary - Project Property

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

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	EHS		351 Friel St Ottawa ON K1N 7W7	W/12.0	0.00	31
2	EHS		330 Wilbrod Street Ottawa ON K1N 6M5	NNW/27.7	0.00	31
2	EHS		330 Wilbrod Street Ottawa ON K1N 6M5	NNW/27.7	0.00	31
3	SPL		338 Wilbrod St Ottawa ON	NE/29.4	0.00	31
3	PINC	PIPELINE HIT 1 1/4"	338 WILBROD ST,,OTTAWA,ON,K1N 6M5,CA ON	NE/29.4	0.00	32
4	EHS		353 Friel Street Ottawa ON	SSW/38.0	0.00	32
5	EHS		319 Wilbrod St Ottawa On Ottawa ON K1N6M4	NW/38.9	0.00	32
6	EHS		301 Laurier Ave E Ottawa ON K1N 6P8	ESE/47.1	0.00	33
6	EHS		301 Laurier Ave E Ottawa ON K1N 6P8	ESE/47.1	0.00	33
6	EHS		301 Laurier Ave E Ottawa ON K1N 6P8	ESE/47.1	0.00	33
6	EHS		301 Laurier Ave E Ottawa ON K1N 6P8	ESE/47.1	0.00	33
7	CA	A. POTVIN CONSTRUCTION LTD.	353 FRIEL STREET (SWM) OTTAWA ON K1N 7W7	ESE/48.5	0.00	33

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
7	EHS		353 Friel St Ottawa ON K1N7W7	ESE/48.5	0.00	34
8	EHS		360 Friel Street Ottawa ON K1N 7W7	WSW/49.1	0.00	34
8	EHS		360 Friel Street Ottawa ON K1N 7W7	WSW/49.1	0.00	34
8	EHS		360 Friel Street Ottawa ON K1N 7W7	WSW/49.1	0.00	34
8	EHS		360 Friel Street Ottawa ON K1N 7W7	WSW/49.1	0.00	35
8	EHS		360 Friel Street Ottawa ON K1N 7W7	WSW/49.1	0.00	35
9	EHS		362 Friel Street Ottawa ON K1N 7W6	SW/51.8	0.00	35
9	EHS		362 Friel St Ottawa ON K1N7W6	SW/51.8	0.00	35
10	EHS		325 Wilbrod St Ottawa ON K1N6M4	NW/52.9	0.00	35
11	WWIS		325 FRIEL ST ON ***Well ID:*** 7296576	NW/58.0	0.00	36
12	EHS		339 Wilbrod Street Ottawa ON K1N 6M4	NNE/63.7	0.00	39
12	GEN	Conseil des ecoles publiques de l'est de l'Ontario CEPEO	339 Wilbrod Road Ottawa ON K1N 6M4	NNE/63.7	0.00	39
12	GEN	Conseil de ecoles publiques de l'Est de l'Ontario	Francojeunesse Pavillon, 339, rue Wilbrod Ottawa ON K1N 6M4	NNE/63.7	0.00	39

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	GEN	Conseil des ecoles publiques de l'Est de l'Ontario	339 rue Wilbrod st Ottawa ON K1N 6M3	NNE/63.7	0.00	39
12	GEN	Conseil des ecoles publiques de l'Est de l'Ontario	Pavillon Francojeunesse, 339, rue Wilbrod Ottawa ON K1N 6M4	NNE/63.7	0.00	40
12	GEN	Conseil des ecoles publiques de l'Est de l'Ontario	339 rue Wilbrod st Ottawa ON K1N 6M3	NNE/63.7	0.00	40
12	GEN	Conseil des ecoles publiques de l'est de l'Ontario CEPEO	339 Wilbrod Road Ottawa ON K1N 6M4	NNE/63.7	0.00	40
13	BORE		ON	NNW/69.0	0.00	41
14	EHS		300 1/2 Wilbrod St Ottawa ON K1N6M1	WSW/72.3	0.00	42
14	EHS		300 ½ Wilbrod Street Ottawa ON K1N 6M1	WSW/72.3	0.00	42
15	WWIS		301 LAURIER AVE E Ottawa ON ***Well ID:*** 7196193	SE/73.8	0.00	42
16	SPL	OTTAWA HYDRO	297 LAURIER AVE. EAST. TRANSFORMER OTTAWA CITY ON K1N 6P8	SE/77.8	0.00	45
17	EHS		288 Chapel Street Ottawa ON K1N 7Y9	E/81.7	-0.06	46
18	WWIS		339 WILBROD ST. Ottawa ON ***Well ID:*** 7101159	N/82.6	0.00	46
19	EHS		261 Laurier Avenue East and 400 Friel Street Ottawa ON	SSW/86.3	0.00	56
20	SPL	Enbridge Gas Distribution Inc.	307 Wilbrod Street Ottawa ON	W/87.1	-0.85	56

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
21	SCT	Teb-Mar Products Inc.	313 Laurier Ave E Ottawa ON K1N 6P8	ESE/91.9	0.00	57
22	EHS		261 Laurier Avenue East Ottawa ON K1N 6P7	SSW/96.3	0.00	57
23	CA	OTTAWA CITY	FRIEL ST./LAURIER AVE. OTTAWA CITY ON	SSE/98.8	0.00	57
24	SPL	Parson Refrigeration (1985) Ltd.	273 Laurier Ave Ottawa ON	SSW/99.1	0.00	58
25	GEN	Wincon Construction 1986 Ltd	265 Laurier Ave East Ottawa ON K1N 6P7	SSW/101.0	0.00	58
26	EHS		301 Wilbrod St Ottawa ON K1N6M3	W/103.4	-1.01	58
27	GEN	Albert Falsetto	286 Wilbrod St. Ottawa ON K1N 6M2	WSW/103.6	0.03	59
28	NPRI	GWL REATLY ADVISORS	271 LAURIER Avenue East OTTAWA ON K1N6P7	SSW/109.3	0.00	59
29	EHS		188 and 200 Stewart Street Ottawa ON K1N 6J9	WNW/112.1	-1.00	61
30	WWIS		380 CUMBERLAND ST Ottawa ON ***Well ID:*** 7350809	NNW/126.5	-0.69	61
31	CA	OTTAWA CITY	SWEETLAND AVE./LAURIER AVE./SO OTTAWA CITY ON	SSW/128.6	0.00	65
31	CA	R.M. OF OTTAWA-CARLETON	SWEETLAND AVE./LAURIER AVE./SO OTTAWA CITY ON	SSW/128.6	0.00	65
31	SPL		Laurier Avenue East and Sweetland Avenue<UNOFFICIAL> Ottawa ON	SSW/128.6	0.00	65

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
32	EHS		280 Laurier Avenue East Ottawa ON K1N 6P5	S/133.2	0.00	66
32	EHS		280 Laurier Avenue East Ottawa ON K1N 6P5	S/133.2	0.00	66
33	INC		320 LAURIER AVENUE EAST, OTTAWA ON	ESE/137.1	0.00	66
34	ECA	City of Ottawa	Road Allowance on Daly Avenue Ottawa ON K1P 1J1	NNW/151.2	-1.05	67
34	ECA	City of Ottawa	Waller Street from 23 metres northwest of Daly Avenue to 19 metres northwest of Laurier Avenue East Ottawa ON K2G 6J8	NNW/151.2	-1.05	67
34	ECA	City of Ottawa	Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	NNW/151.2	-1.05	67
34	ECA	City of Ottawa	Road Allowance on Daly Avenue Ottawa ON K1P 1J1	NNW/151.2	-1.05	68
34	ECA	City of Ottawa	Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	NNW/151.2	-1.05	68
34	ECA	City of Ottawa	Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	NNW/151.2	-1.05	68
35	CA	OTTAWA CITY - KING EDWARD AVENUE	STEWART ST./CHAPEL ST. OTTAWA CITY ON	NNE/156.6	0.00	69
36	BORE		ON	SSE/159.4	0.00	69
37	PINC	STEADYROCK MASONRY	175 STEWART ST,,OTTAWA,ON,K1N 6J8, CA ON	WNW/162.7	-1.31	71

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
38	EHS		245 Laurier Ave E Ottawa ON K1N6P7	SW/164.7	0.03	71
39	SPL	PRIVATE RESIDENCE	258 STEWART ST FURNACE OIL TANK OTTAWA CITY ON K1N 6K4	NE/176.5	0.00	71
39	EBR	Lucienne Marie Emilia Berthiaume	258 Stewart Street Ottawa Ontario K1N 6K4 Ottawa ON	NE/176.5	0.00	72
39	WWIS		258 STEWART ST. Ottawa ON ***Well ID:*** 7106553	NE/176.5	0.00	72
39	CA	Lucienne Marie Emilia Berthiaume	258 Stewart Street Ottawa ON	NE/176.5	0.00	74
39	ECA	Lucienne Marie Emilia Berthiaume	258 Stewart Street Ottawa ON K1C 6Y4	NE/176.5	0.00	74
40	WWIS		258 STEWART STREET OTTAWA ON ***Well ID:*** 7047370	NE/177.3	0.00	74
41	CA	OTTAWA CITY	DALY AVE. AND FRIEL ST. OTTAWA CITY ON	NW/187.8	-2.00	78
42	EHS		290 Daly Ave Ottawa ON Ottawa ON K1N 6G5	N/189.2	-0.69	78
43	CA	R.M. OF OTTAWA-CARLETON	LAURIER AVE/NELSON ST. OTTAWA CITY ON	SW/194.0	-0.69	78
43	CA	OTTAWA CITY	LAURIER AVE.E/NELSON ST. OTTAWA CITY ON	SW/194.0	-0.69	78
44	WWIS		3312 CR #43 Smiths Falls ON ***Well ID:*** 7107564	NNE/197.7	0.00	79
45	INC		296 NELSON STREET, OTTAWA ON	SW/197.7	-1.00	82

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
46	GEN	Epic Realty Partners	340 Laurier Ave. Ottawa ON	E/198.5	-0.92	83
46	GEN	TNC 340 Laurier Ltd	340 Laurier Ottawa ON	E/198.5	-0.92	83
47	WWIS		324 CHAPEL ST OTTAWA ON ***Well ID:*** 7044389	ESE/201.0	-1.83	84
48	WWIS		146 STEWART STREET OTTAWA ON ***Well ID:*** 7046630	W/201.2	-2.08	86
49	EHS		315 Chapel St Ottawa ON	E/202.7	-0.92	89
50	EHS		36 Russell Ave Ottawa ON	SE/206.2	-0.95	89
51	EHS		255 Daly Ave Ottawa ON K1N6G3	NNW/210.0	-1.86	89
52	SCT	NGOMA	321 Chapel St Ottawa ON K1N 7Z2	ESE/210.0	-2.00	89
52	SCT	CODE	321 Chapel St Ottawa ON K1N 7Z2	ESE/210.0	-2.00	90
53	EHS		146 Stewart St Ottawa ON K1N6J7	W/210.0	-1.99	90
54	SPL	CHURCH	ALL SAINTS CHURCH 317 CHAPEL ST. OTTAWA CITY ON K1N 7Z2	E/212.1	-2.32	90
55	SPL	Enbridge Gas Distribution Inc.	39 Sweetland Ave Ottawa ON	SSE/214.3	-0.92	91
55	PINC	ENBRIDGE GAS INC	39 SWEETLAND AVE,,OTTAWA,ON,K1N 7T7,CA ON	SSE/214.3	-0.92	91

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
56	EHS		145 AND 146 STEWART STREET OTTAWA ON	W/215.8	-1.99	92
57	EHS		238 Laurier Ave E Ottawa ON K1N6P2	SW/218.5	-0.67	92
58	ECA	Nelson Place Apartments Inc.	305 Nelson St Ottawa ON K2C 1V1	SSW/220.9	0.02	92
59	EHS		290 Nelson St Ottawa ON K1N7S3	WSW/221.5	-1.00	92
60	WWIS		145 STEWART ST OTTAWA ON ***Well ID:*** 7044708	W/224.4	-2.00	93
61	EHS		323 Chapel St Ottawa ON K1N7Z2	ESE/226.2	-1.97	95
62	SPL	EASTVIEW FUEL	231 DALY AVE TANK TRUCK (CARGO) OTTAWA CITY ON K1N 6G1	WNW/227.0	-2.86	96
63	EHS		145 Stewart St Ottawa ON Ottawa ON K1N 6J4	W/228.5	-2.00	96
63	EHS		145 Stewart St Ottawa ON Ottawa ON K1N 6J4	W/228.5	-2.00	96
63	EHS		145 Stewart St Ottawa ON Ottawa ON K1N 6J4	W/228.5	-2.00	97
63	EHS		145 Stewart St Ottawa ON Ottawa ON K1N 6J4	W/228.5	-2.00	97
64	WWIS		265 Ottawa ON ***Well ID:*** 7220779	NNW/230.5	-2.00	97
65	WWIS		145 STEWART ST OTTAWA ON ***Well ID:*** 7044688	W/231.3	-2.00	100

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
66	GEN	MEDICAL SCIENCES LABORATORIES	221 LAURIER AVENUE EAST OTTAWA ON K1N 6P1	SW/234.8	-1.00	103
66	GEN	MEDICAL (OUT OF BUSINESS) 26-159	221 LAURIER AVENUE EAST OTTAWA ON K1N 6P1	SW/234.8	-1.00	103
66	GEN	MEDICAL SCIENCES LABS (OUT OF BUSINESS)	221 LAURIER AVENUE EAST OTTAWA ON K1N 6P1	SW/234.8	-1.00	103
67	EHS		50 Russell Ave Ottawa ON K1N 7W8	SE/237.3	-1.43	103
67	EHS		50 Russell Ave Ottawa ON K1N7W8	SE/237.3	-1.43	104
68	GEN	C.I.G. Heating and Air Conditioning	275 Friel St Ottawa ON	NW/237.9	-1.92	104
69	SPL	Enbridge Gas Distribution Inc.	5 Blackburn Avenue Ottawa ON K1N 8A2	E/240.1	-2.19	104
69	PINC		5 Blackburn Avenue, Ottawa ON	E/240.1	-2.19	105
70	SPL	OTTAWA HYDRO	14 BLACKBURN AVE. TRANSFORMER OTTAWA CITY ON K1N 8A3	E/243.2	-2.95	105
71	EHS		309/311 Daly Ave Ottawa ON K1N 6G6	N/244.1	-1.05	105
72	PINC	PIPELINE HIT - 1/2"	334 BESSERER ST,,OTTAWA,ON,K1N 6B5,CA ON	NW/249.7	-2.86	106
72	SPL	Enbridge Gas Distribution Inc.	334 Bessere St Ottawa ON	NW/249.7	-2.86	106

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 2 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	NNW	69.03	13
	ON	SSE	159.38	36

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 9 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
A. POTVIN CONSTRUCTION LTD.	353 FRIEL STREET (SWM) OTTAWA ON K1N 7W7	ESE	48.48	7
OTTAWA CITY	FRIEL ST./LAURIER AVE. OTTAWA CITY ON	SSE	98.81	23
R.M. OF OTTAWA-CARLETON	SWEETLAND AVE./LAURIER AVE. /SO OTTAWA CITY ON	SSW	128.58	31
OTTAWA CITY	SWEETLAND AVE./LAURIER AVE. /SO OTTAWA CITY ON	SSW	128.58	31
OTTAWA CITY - KING EDWARD AVENUE	STEWART ST./CHAPEL ST. OTTAWA CITY ON	NNE	156.59	35
Lucienne Marie Emilia Berthiaume	258 Stewart Street Ottawa ON	NE	176.50	39

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

Lower Elevation	Address	Direction	Distance (m)	Map Key
OTTAWA CITY	DALY AVE. AND FRIEL ST. OTTAWA CITY ON	NW	187.79	41
OTTAWA CITY	LAURIER AVE.E/NELSON ST. OTTAWA CITY ON	SW	194.04	43
R.M. OF OTTAWA-CARLETON	LAURIER AVE/NELSON ST. OTTAWA CITY ON	SW	194.04	43

EBR - Environmental Registry

A search of the EBR database, dated 1994-May 31, 2021 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Lucienne Marie Emilia Berthiaume	258 Stewart Street Ottawa Ontario K1N 6K4 Ottawa ON	NE	176.50	39

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- May 31, 2021 has found that there are 8 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Lucienne Marie Emilia Berthiaume	258 Stewart Street Ottawa ON K1C 6Y4	NE	176.50	39
Nelson Place Apartments Inc.	305 Nelson St Ottawa ON K2C 1V1	SSW	220.88	58

Lower Elevation	Address	Direction	Distance (m)	Map Key
City of Ottawa	Road Allowance on Daly Avenue Ottawa ON K1P 1J1	NNW	151.19	34

City of Ottawa	Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	NNW	151.19	34
City of Ottawa	Waller Street from 23 metres northwest of Daly Avenue to 19 metres northwest of Laurier Avenue East Ottawa ON K2G 6J8	NNW	151.19	34
City of Ottawa	Road Allowance on Daly Avenue Ottawa ON K1P 1J1	NNW	151.19	34
City of Ottawa	Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	NNW	151.19	34
City of Ottawa	Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	NNW	151.19	34

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 45 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	351 Friel St Ottawa ON K1N 7W7	W	12.03	1
	330 Wilbrod Street Ottawa ON K1N 6M5	NNW	27.71	2
	330 Wilbrod Street Ottawa ON K1N 6M5	NNW	27.71	2
	353 Friel Street Ottawa ON	SSW	37.97	4
	319 Wilbrod St Ottawa On Ottawa ON K1N6M4	NW	38.91	5

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	301 Laurier Ave E Ottawa ON K1N 6P8	ESE	47.09	6
	301 Laurier Ave E Ottawa ON K1N 6P8	ESE	47.09	6
	301 Laurier Ave E Ottawa ON K1N 6P8	ESE	47.09	6
	301 Laurier Ave E Ottawa ON K1N 6P8	ESE	47.09	6
	353 Friel St Ottawa ON K1N7W7	ESE	48.48	7
	360 Friel Street Ottawa ON K1N 7W7	WSW	49.15	8
	360 Friel Street Ottawa ON K1N 7W7	WSW	49.15	8
	360 Friel Street Ottawa ON K1N 7W7	WSW	49.15	8
	360 Friel Street Ottawa ON K1N 7W7	WSW	49.15	8
	360 Friel Street Ottawa ON K1N 7W7	WSW	49.15	8
	362 Friel Street Ottawa ON K1N 7W6	SW	51.81	9
	362 Friel St Ottawa ON K1N7W6	SW	51.81	9

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	325 Wilbrod St Ottawa ON K1N6M4	NW	52.92	10
	339 Wilbrod Street Ottawa ON K1N 6M4	NNE	63.68	12
	300 1/2 Wilbrod St Ottawa ON K1N6M1	WSW	72.30	14
	300 ½ Wilbrod Street Ottawa ON K1N 6M1	WSW	72.30	14
	261 Laurier Avenue East and 400 Friel Street Ottawa ON	SSW	86.35	19
	261 Laurier Avenue East Ottawa ON K1N 6P7	SSW	96.35	22
	280 Laurier Avenue East Ottawa ON K1N 6P5	S	133.18	32
	280 Laurier Avenue East Ottawa ON K1N 6P5	S	133.18	32
	245 Laurier Ave E Ottawa ON K1N6P7	SW	164.74	38

Lower Elevation	Address	Direction	Distance (m)	Map Key
	288 Chapel Street Ottawa ON K1N 7Y9	E	81.68	17
	301 Wilbrod St Ottawa ON K1N6M3	W	103.40	26

188 and 200 Stewart Street Ottawa ON K1N 6J9	WNW	112.14	29
290 Daly Ave Ottawa ON Ottawa ON K1N 6G5	N	189.17	42
315 Chapel St Ottawa ON	E	202.74	49
36 Russell Ave Ottawa ON	SE	206.19	50
255 Daly Ave Ottawa ON K1N6G3	NNW	209.99	51
146 Stewart St Ottawa ON K1N6J7	W	210.04	53
145 AND 146 STEWART STREET OTTAWA ON	W	215.77	56
238 Laurier Ave E Ottawa ON K1N6P2	SW	218.46	57
290 Nelson St Ottawa ON K1N7S3	WSW	221.51	59
323 Chapel St Ottawa ON K1N7Z2	ESE	226.20	61
145 Stewart St Ottawa ON Ottawa ON K1N 6J4	W	228.50	63
145 Stewart St Ottawa ON Ottawa ON K1N 6J4	W	228.50	63

	145 Stewart St Ottawa ON Ottawa ON K1N 6J4	W	228.50	63
	145 Stewart St Ottawa ON Ottawa ON K1N 6J4	W	228.50	63
	50 Russell Ave Ottawa ON K1N 7W8	SE	237.30	67
	50 Russell Ave Ottawa ON K1N7W8	SE	237.30	67
	309/311 Daly Ave Ottawa ON K1N 6G6	N	244.12	71

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 14 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Conseil de ecoles publiques de l'Est de l'Ontario	Francojeunesse Pavillon, 339, rue Wilbrod Ottawa ON K1N 6M4	NNE	63.68	12
Conseil des ecoles publiques de l'Est de l'Ontario	339 rue Wilbrod st Ottawa ON K1N 6M3	NNE	63.68	12
Conseil des ecoles publiques de l'est de l'Ontario CEPEO	339 Wilbrod Road Ottawa ON K1N 6M4	NNE	63.68	12
Conseil des ecoles publiques de l'est de l'Ontario CEPEO	339 Wilbrod Road Ottawa ON K1N 6M4	NNE	63.68	12
Conseil des ecoles publiques de l'Est de l'Ontario	Pavillon Francojeunesse, 339, rue Wilbrod Ottawa ON K1N 6M4	NNE	63.68	12
Conseil des ecoles publiques de l'Est de l'Ontario	339 rue Wilbrod st Ottawa ON K1N 6M3	NNE	63.68	12

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Wincon Construction 1986 Ltd	265 Laurier Ave East Ottawa ON K1N 6P7	SSW	101.01	25
Albert Falsetto	286 Wilbrod St. Ottawa ON K1N 6M2	WSW	103.59	27

Lower Elevation	Address	Direction	Distance (m)	Map Key
TNC 340 Laurier Ltd	340 Laurier Ottawa ON	E	198.47	46
Epic Realty Partners	340 Laurier Ave. Ottawa ON	E	198.47	46
MEDICAL SCIENCES LABS (OUT OF BUSINESS)	221 LAURIER AVENUE EAST OTTAWA ON K1N 6P1	SW	234.81	66
MEDICAL (OUT OF BUSINESS) 26-159	221 LAURIER AVENUE EAST OTTAWA ON K1N 6P1	SW	234.81	66
MEDICAL SCIENCES LABORATORIES	221 LAURIER AVENUE EAST OTTAWA ON K1N 6P1	SW	234.81	66
C.I.G. Heating and Air Conditioning	275 Friel St Ottawa ON	NW	237.94	68

INC - Fuel Oil Spills and Leaks

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	320 LAURIER AVENUE EAST, OTTAWA ON	ESE	137.14	33

Lower Elevation	Address	Direction	Distance (m)	Map Key
	296 NELSON STREET, OTTAWA ON	SW	197.75	45

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-May 2017 has found that there are 1 NPRI site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
GWL REATLY ADVISORS	271 LAURIER Avenue East OTTAWA ON K1N6P7	SSW	109.30	28

PINC - Pipeline Incidents

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
PIPELINE HIT 1 1/4"	338 WILBROD ST,,OTTAWA,ON,K1N 6M5,CA ON	NE	29.40	3

Lower Elevation	Address	Direction	Distance (m)	Map Key
STEADYROCK MASONRY	175 STEWART ST,,OTTAWA,ON,K1N 6J8,CA ON	WNW	162.66	37
ENBRIDGE GAS INC	39 SWEETLAND AVE,,OTTAWA,ON, K1N 7T7,CA ON	SSE	214.27	55
	5 Blackburn Avenue, Ottawa ON	E	240.14	69
PIPELINE HIT - 1/2"	334 BESSERER ST,,OTTAWA,ON, K1N 6B5,CA ON	NW	249.67	72

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
Teb-Mar Products Inc.	313 Laurier Ave E Ottawa ON K1N 6P8	ESE	91.88	21

Lower Elevation	Address	Direction	Distance (m)	Map Key
CODE	321 Chapel St Ottawa ON K1N 7Z2	ESE	209.99	52
NGOMA	321 Chapel St Ottawa ON K1N 7Z2	ESE	209.99	52

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 12 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	338 Wilbrod St Ottawa ON	NE	29.40	3
OTTAWA HYDRO	297 LAURIER AVE. EAST. TRANSFORMER OTTAWA CITY ON K1N 6P8	SE	77.85	16
Parson Refrigeration (1985) Ltd.	273 Laurier Ave Ottawa ON	SSW	99.09	24
	Laurier Avenue East and Sweetland Avenue<UNOFFICIAL> Ottawa ON	SSW	128.58	31
PRIVATE RESIDENCE	258 STEWART ST FURNACE OIL TANK OTTAWA CITY ON K1N 6K4	NE	176.50	39

Lower Elevation	Address	Direction	Distance (m)	Map Key

Enbridge Gas Distribution Inc.	307 Wilbrod Street Ottawa ON	W	87.08	20
CHURCH	ALL SAINTS CHURCH 317 CHAPEL ST. OTTAWA CITY ON K1N 7Z2	E	212.10	54
Enbridge Gas Distribution Inc.	39 Sweetland Ave Ottawa ON	SSE	214.27	55
EASTVIEW FUEL	231 DALY AVE TANK TRUCK (CARGO) OTTAWA CITY ON K1N 6G1	WNW	226.99	62
Enbridge Gas Distribution Inc.	5 Blackburn Avenue Ottawa ON K1N 8A2	E	240.14	69
OTTAWA HYDRO	14 BLACKBURN AVE. TRANSFORMER OTTAWA CITY ON K1N 8A3	E	243.15	70
Enbridge Gas Distribution Inc.	334 Bessere St Ottawa ON	NW	249.67	72

WWIS - Water Well Information System

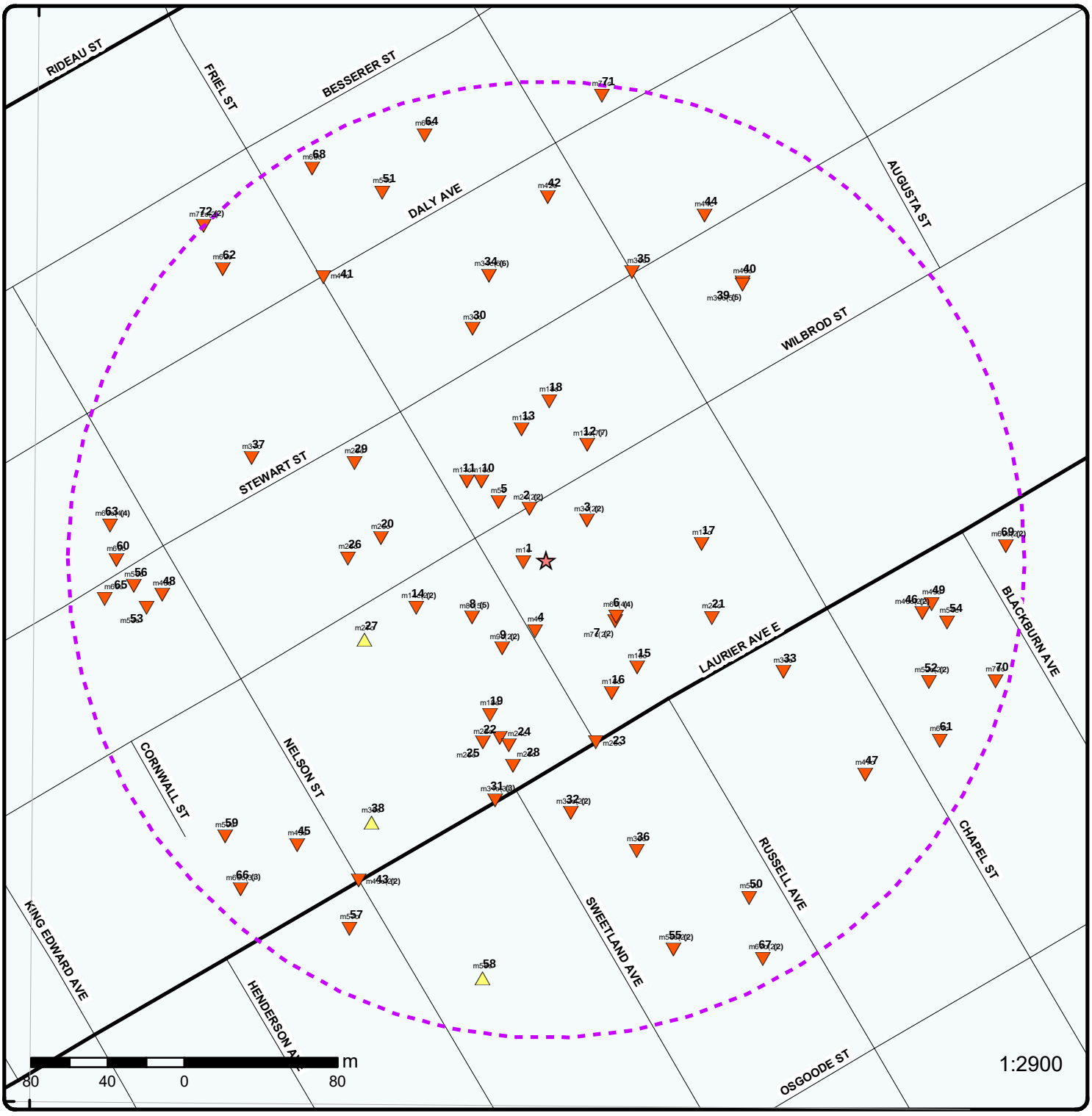
A search of the WWIS database, dated Apr 30, 2021 has found that there are 12 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	325 FRIEL ST ON ***Well ID:*** 7296576	NW	57.96	11
	301 LAURIER AVE E Ottawa ON ***Well ID:*** 7196193	SE	73.83	15
	339 WILBROD ST. Ottawa ON ***Well ID:*** 7101159	N	82.61	18
	258 STEWART ST. Ottawa ON	NE	176.50	39

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 7106553			
	258 STEWART STREET OTTAWA ON ***Well ID:*** 7047370	NE	177.31	40
	3312 CR #43 Smiths Falls ON ***Well ID:*** 7107564	NNE	197.69	44

Lower Elevation	Address	Direction	Distance (m)	Map Key
	380 CUMBERLAND ST Ottawa ON ***Well ID:*** 7350809	NNW	126.55	30
	324 CHAPEL ST OTTAWA ON ***Well ID:*** 7044389	ESE	201.00	47
	146 STEWART STREET OTTAWA ON ***Well ID:*** 7046630	W	201.21	48
	145 STEWART ST OTTAWA ON ***Well ID:*** 7044708	W	224.37	60
	265 Ottawa ON ***Well ID:*** 7220779	NNW	230.47	64
	145 STEWART ST OTTAWA ON ***Well ID:*** 7044688	W	231.27	65

75°41'W



45°25'30"N

Map: 0.25 Kilometer Radius

Order Number: 21071300545

Address: 326 Wilbrod Street, Ottawa, ON

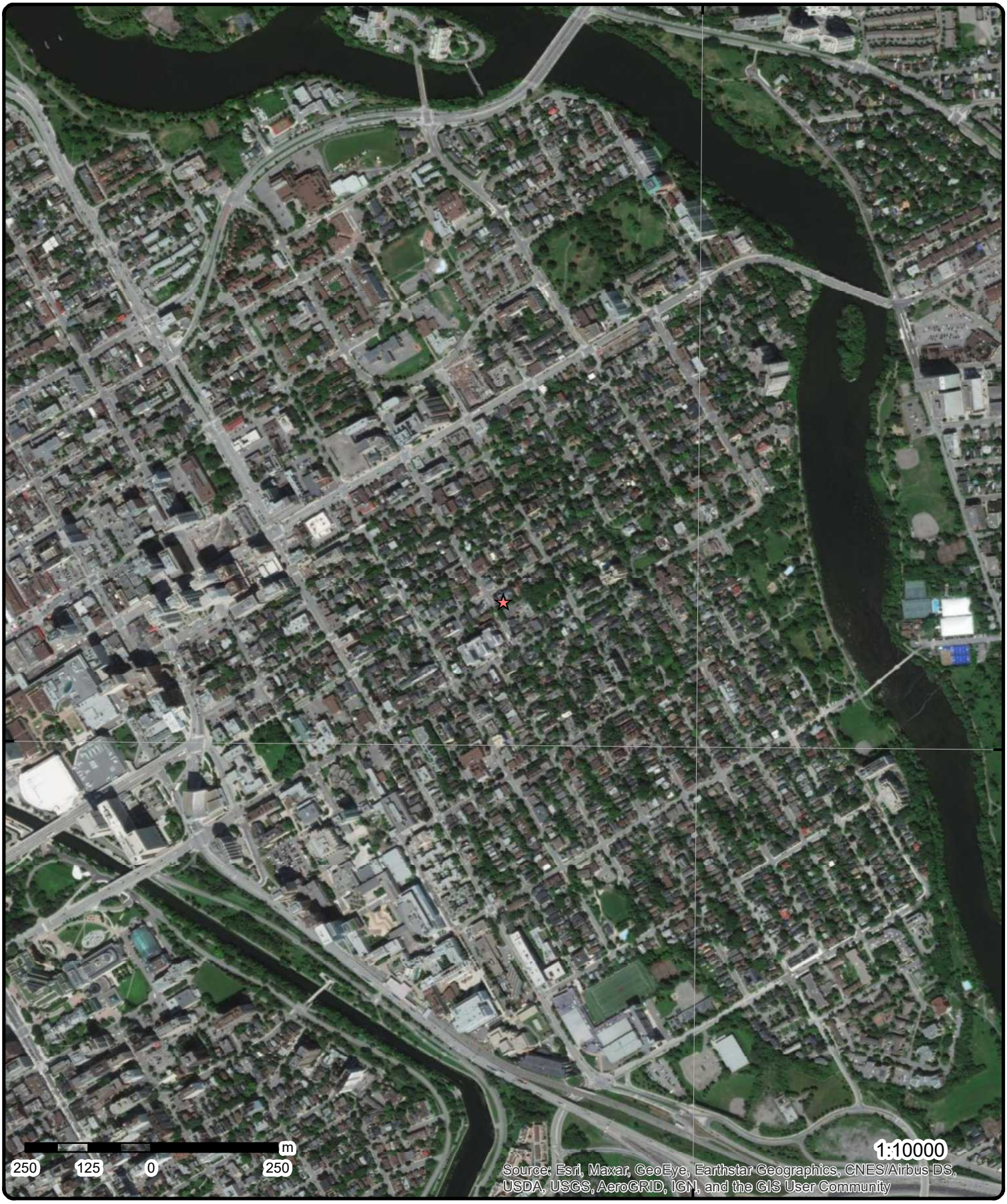
ERIS

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

Source: © 2015 DMTI Spatial Inc.

75°40'30"W

45°25'30"N



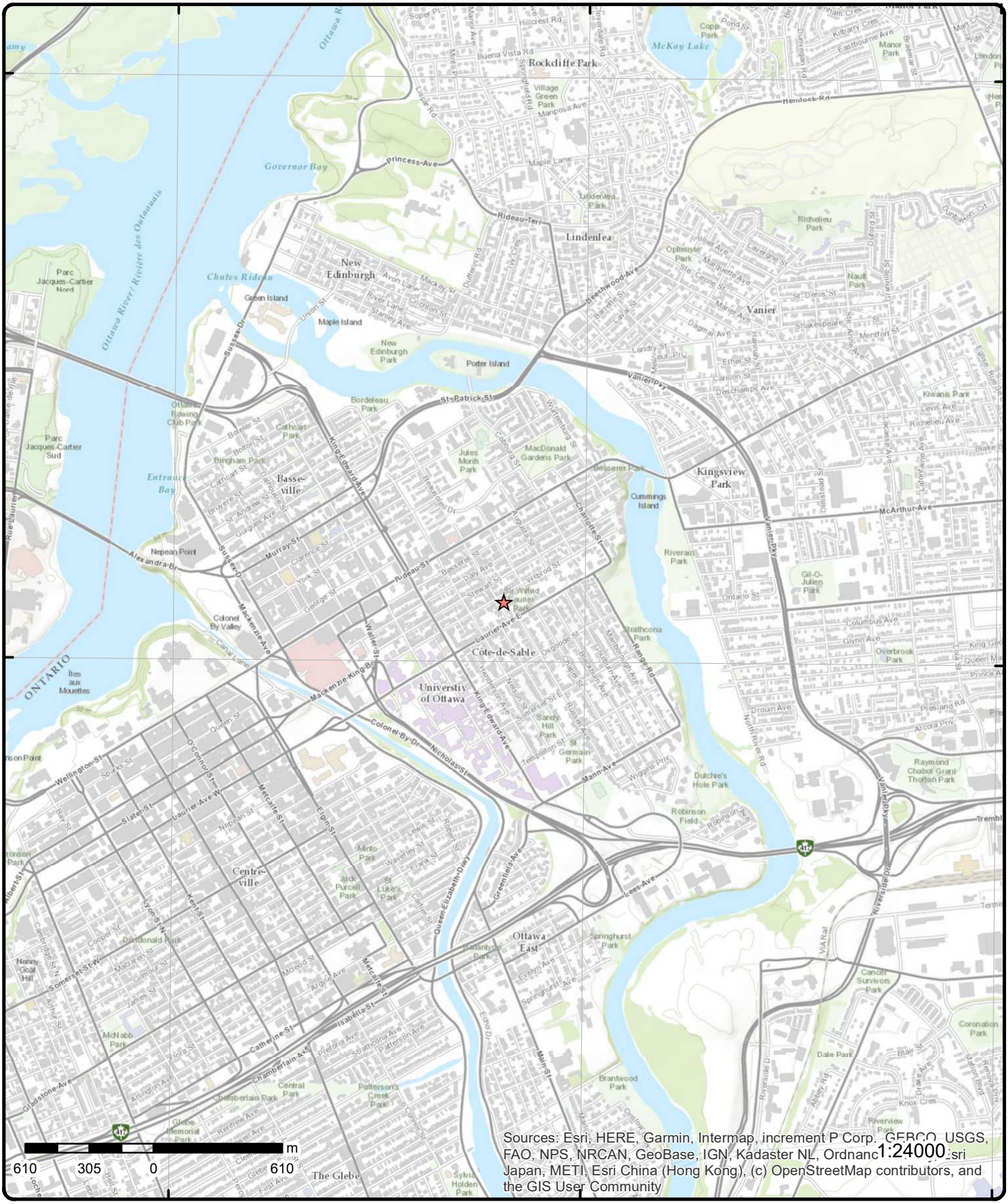
45°25'30"N

Aerial **Year: 2020**

Order Number: 21071300545

Address: 326 Wilbrod Street, Ottawa, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 21071300545

Address: 326 Wilbrod Street, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	W/12.0	72.9 / 0.00	351 Friel St Ottawa ON K1N 7W7	EHS

Order No:	20180109026	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Express Report	**Client Prov/State:**	ON
Report Date:	09-JAN-18	**Search Radius (km):**	.25
Date Received:	09-JAN-18	**X:**	-75.680055
Previous Site Name:		**Y:**	45.427556
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 2	NNW/27.7	72.9 / 0.00	330 Wilbrod Street Ottawa ON K1N 6M5	EHS

Order No:	20311300190	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	18-NOV-20	**Search Radius (km):**	.25
Date Received:	13-NOV-20	**X:**	-75.6800154
Previous Site Name:		**Y:**	45.4278046
Lot/Building Size:	610.79 m²		
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	2 of 2	NNW/27.7	72.9 / 0.00	330 Wilbrod Street Ottawa ON K1N 6M5	EHS

Order No:	20311300190	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	18-NOV-20	**Search Radius (km):**	.25
Date Received:	13-NOV-20	**X:**	-75.6800154
Previous Site Name:		**Y:**	45.4278046
Lot/Building Size:	610.79 m²		
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 2	NE/29.4	72.9 / 0.00	338 Wilbrod St Ottawa ON	SPL

Ref No:	2820-AYYSP4	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2018/05/21	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Unknown / N/A
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	338 Wilbrod St
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	1075	**Site Region:**	Eastern
Environment Impact:		**Site Municipality:**	Ottawa

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

Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	5030709
MOE Response:	No	**Easting:**	446823.66
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	Map
MOE Reported Dt:	2018/05/21	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	Pipeline/Components
Site Name:	Private residence<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:	10 -100 metres eg. Topographic Map		
Incident Summary:	TSSA FSB - 1.25" plastic IP hit by contractor		
Contaminant Qty:	0 other - see incident description		

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3 | ***2 of 2*** | ***NE/29.4*** | ***72.9 / 0.00*** | ***PIPELINE HIT 1 1/4"*** ***338 WILBROD ST,,OTTAWA,ON,K1N 6M5,CA*** ***ON*** | ***PINC***

Incident ID:		**Fuel Category:**	
Incident No:	2309390	**Health Impact:**	
Incident Reported Dt:	5/22/2018	**Environment Impact:**	
Type:	FS-Pipeline Incident	**Property Damage:**	
Status Code:		**Service Interupt:**	
Customer Acct Name:	PIPELINE HIT 1 1/4"	**Enforce Policy:**	
Incident Address:	338 WILBROD ST,,OTTAWA,ON,K1N 6M5,CA	**Public Relation:**	
Tank Status:	Pipeline Damage Reason Est	**Pipeline System:**	
Task No:		**Depth:**	
Spills Action Centre:		**Pipe Material:**	
Fuel Type:		**PSIG:**	
Fuel Occurrence Tp:		**Attribute Category:**	
Date of Occurrence:		**Regulator Location:**	
Occurrence Start Dt:		**Method Details:**	
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

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4 | ***1 of 1*** | ***SSW/38.0*** | ***72.9 / 0.00*** | ***353 Friel Street*** ***Ottawa ON*** | ***EHS***

Order No:	20131004033	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	16-OCT-13	**Search Radius (km):**	.25
Date Received:	04-OCT-13	**X:**	-75.679971
Previous Site Name:		**Y:**	45.42723
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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5 | ***1 of 1*** | ***NW/38.9*** | ***72.9 / 0.00*** | ***319 Wilbrod St Ottawa On*** ***Ottawa ON K1N6M4*** | ***EHS***

Order No:	20150205064	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa

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

Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	11-FEB-15	**Search Radius (km):**	.25
Date Received:	05-FEB-15	**X:**	-75.680223
Previous Site Name:		**Y:**	45.427836
Lot/Building Size:	0.15 acres		
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	1 of 4	ESE/47.1	72.9 / 0.00	301 Laurier Ave E Ottawa ON K1N 6P8	EHS

Order No:	20200319145	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	24-MAR-20	**Search Radius (km):**	.25
Date Received:	19-MAR-20	**X:**	-75.6794332
Previous Site Name:		**Y:**	45.4273026
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	2 of 4	ESE/47.1	72.9 / 0.00	301 Laurier Ave E Ottawa ON K1N 6P8	EHS

Order No:	20200319145	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	24-MAR-20	**Search Radius (km):**	.25
Date Received:	19-MAR-20	**X:**	-75.6794332
Previous Site Name:		**Y:**	45.4273026
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	3 of 4	ESE/47.1	72.9 / 0.00	301 Laurier Ave E Ottawa ON K1N 6P8	EHS

Order No:	20200319145	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	24-MAR-20	**Search Radius (km):**	.25
Date Received:	19-MAR-20	**X:**	-75.6794332
Previous Site Name:		**Y:**	45.4273026
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	4 of 4	ESE/47.1	72.9 / 0.00	301 Laurier Ave E Ottawa ON K1N 6P8	EHS

Order No:	20200319145	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	24-MAR-20	**Search Radius (km):**	.25
Date Received:	19-MAR-20	**X:**	-75.6794332
Previous Site Name:		**Y:**	45.4273026
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 2	ESE/48.5	72.9 / 0.00	A. POTVIN CONSTRUCTION LTD. 353 FRIEL STREET (SWM)	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				OTTAWA ON K1N 7W7	

Certificate #: 3-0130-98-
Application Year: 98
Issue Date: 3/9/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

7	2 of 2	ESE/48.5	72.9 / 0.00	353 Friel St Ottawa ON K1N7W7	EHS

Order No: 20150312086
Status: C
Report Type: Custom Report
Report Date: 18-MAR-15
Date Received: 12-MAR-15
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.679437
Y: 45.42728

8	1 of 5	WSW/49.1	72.9 / 0.00	360 Friel Street Ottawa ON K1N 7W7	EHS

Order No: 20191205122
Status: C
Report Type: Standard Report
Report Date: 10-DEC-19
Date Received: 05-DEC-19
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.680394
Y: 45.427293

8	2 of 5	WSW/49.1	72.9 / 0.00	360 Friel Street Ottawa ON K1N 7W7	EHS

Order No: 20191205122
Status: C
Report Type: Standard Report
Report Date: 10-DEC-19
Date Received: 05-DEC-19
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.680394
Y: 45.427293

8	3 of 5	WSW/49.1	72.9 / 0.00	360 Friel Street Ottawa ON K1N 7W7	EHS

Order No: 20191205122
Status: C
Report Type: Standard Report

Nearest Intersection:
Municipality:
Client Prov/State: ON

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

Report Date:	10-DEC-19	**Search Radius (km):**	.25
Date Received:	05-DEC-19	**X:**	-75.680394
Previous Site Name:		**Y:**	45.427293
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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8 | ***4 of 5*** | ***WSW/49.1*** | ***72.9 / 0.00*** | ***360 Friel Street Ottawa ON K1N 7W7*** | ***EHS***

Order No:	20191205122	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	10-DEC-19	**Search Radius (km):**	.25
Date Received:	05-DEC-19	**X:**	-75.680394
Previous Site Name:		**Y:**	45.427293
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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8 | ***5 of 5*** | ***WSW/49.1*** | ***72.9 / 0.00*** | ***360 Friel Street Ottawa ON K1N 7W7*** | ***EHS***

Order No:	20191205122	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	10-DEC-19	**Search Radius (km):**	.25
Date Received:	05-DEC-19	**X:**	-75.680394
Previous Site Name:		**Y:**	45.427293
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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9 | ***1 of 2*** | ***SW/51.8*** | ***72.9 / 0.00*** | ***362 Friel Street Ottawa ON K1N 7W6*** | ***EHS***

Order No:	20110620001	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	6/28/2011	**Search Radius (km):**	0.25
Date Received:	6/20/2011 8:39:23 AM	**X:**	-75.680189
Previous Site Name:		**Y:**	45.427148
Lot/Building Size:			
Additional Info Ordered:			

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9 | ***2 of 2*** | ***SW/51.8*** | ***72.9 / 0.00*** | ***362 Friel St Ottawa ON K1N7W6*** | ***EHS***

Order No:	20170403005	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	06-APR-17	**Search Radius (km):**	.25
Date Received:	03-APR-17	**X:**	-75.680189
Previous Site Name:		**Y:**	45.427148
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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10 | ***1 of 1*** | ***NW/52.9*** | ***72.9 / 0.00*** | ***325 Wilbrod St Ottawa ON K1N6M4*** | ***EHS***

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

Order No:	20170616143	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	23-JUN-17	**Search Radius (km):**	.25
Date Received:	16-JUN-17	**X:**	-75.680339
Previous Site Name:		**Y:**	45.427932
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory		

11	1 of 1	NW/58.0	72.9 / 0.00	325 FRIEL ST ON	WWIS

Well ID:	7296576	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	10/5/2017
Sec. Water Use:	Monitoring	**Selected Flag:**	True
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z206451	**Owner:**	
Tag:	A182833	**Street Name:**	325 FRIEL ST
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7296576.pdf

Additional Detail(s) (Map)

Well Completed Date:	2017/09/07
Year Completed:	2017
Depth (m):	7.62
Latitude:	45.4279304803129
Longitude:	-75.6804353725508
Path:	729\7296576.pdf

Bore Hole Information

Bore Hole ID:	1006758613	**Elevation:**	70.133880
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446772.00
Code OB Desc:		**North83:**	5030715.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	07-Sep-2017 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006952699
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:	0.3100000023841858
Formation End Depth:	5.489999771118164
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006952700
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	5.489999771118164
Formation End Depth:	7.619999885559082
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006952698
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	0.3100000023841858
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006952710
Layer:	3
Plug From:	4.26999998092651
Plug To:	7.61999988555908
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID: 1006952709
Layer: 2
Plug From: 0.310000002384186
Plug To: 4.26999998092651
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006952708
Layer: 1
Plug From: 0
Plug To: 0.310000002384186
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006952707
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1006952697
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1006952704
Layer: 1
Slot: 10
Screen Top Depth: 4.57000017166138
Screen End Depth: 7.61999988555908
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.82000017166138

Water Details

Water ID: 1006952702
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006952701
Diameter: 8.25
Depth From: 0.0
Depth To: 7.619999885559082
Hole Depth UOM: m
Hole Diameter UOM: cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	1 of 7	NNE/63.7	72.9 / 0.00	339 Wilbrod Street Ottawa ON K1N 6M4	EHS

Order No:	20070808010	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	CAN - Custom Report	**Client Prov/State:**	
Report Date:	8/16/2007	**Search Radius (km):**	0.25
Date Received:	8/8/2007	**X:**	-75.679704
Previous Site Name:		**Y:**	45.428174
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
12	2 of 7	NNE/63.7	72.9 / 0.00	Conseil des ecoles publiques de l'est de l'Ontario CEPEO 339 Wilbrod Road Ottawa ON K1N 6M4	GEN

Generator No:	ON9458753	**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:	243 D
Waste Class Desc:	PCB

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	3 of 7	NNE/63.7	72.9 / 0.00	Conseil de ecoles publiques de l'Est de l'Ontario Francojeunesse Pavillon, 339, rue Wilbrod Ottawa ON K1N 6M4	GEN

Generator No:	ON7879849	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Jul 2020	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	148 C
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	263 C
Waste Class Desc:	Misc. waste organic chemicals

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	4 of 7	NNE/63.7	72.9 / 0.00	Conseil des ecoles publiques de l'Est de l'Ontario 339 rue Wilbrod st Ottawa ON K1N 6M3	GEN

Generator No:	ON5510250	**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:**	

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

SIC Code:
SIC Description:

Detail(s)

Waste Class: 253 T
Waste Class Desc: Emulsified oils

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12 ***5 of 7*** ***NNE/63.7*** ***72.9 / 0.00*** ***Conseil des ecoles publiques de l'Est de l'Ontario*** ***GEN***
Pavillon Francojeunesse, 339, rue Wilbrod
Ottawa ON K1N 6M4

Generator No: ON7879849
Status: Registered
Approval Years: As of Apr 2021
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

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

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

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12 ***6 of 7*** ***NNE/63.7*** ***72.9 / 0.00*** ***Conseil des ecoles publiques de l'Est de l'Ontario*** ***GEN***
339 rue Wilbrod st
Ottawa ON K1N 6M3

Generator No: ON5510250
Status: Registered
Approval Years: As of Jan 2021
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 253 T
Waste Class Desc: Emulsified oils

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12 ***7 of 7*** ***NNE/63.7*** ***72.9 / 0.00*** ***Conseil des ecoles publiques de l'est de l'Ontario CEPEO*** ***GEN***
339 Wilbrod Road
Ottawa ON K1N 6M4

Generator No: ON9458753
Status: Registered
Approval Years: As of Jan 2021
Contam. Facility:
MHSW Facility:
SIC Code:

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

SIC Description:

Detail(s)

Waste Class: 243 D
Waste Class Desc: PCB

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13 ***1 of 1*** ***NNW/69.0*** ***72.9 / 0.00*** ***ON*** ***BORE***

Borehole ID:	613542	***Inclin FLG:***	No
OGF ID:	215514802	***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:***	45.428178
Total Depth m:	-999	***Longitude DD:***	-75.680072
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	446801
Drill Method:		***Northing:***	5030742
Orig Ground Elev m:	62.5	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	70.6		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218395548	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.5	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218395549	***Mat Consistency:***	Compact
Top Depth:	1.5	***Material Moisture:***	
Bottom Depth:		***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. 00060AY. GREY,STIFF,SENSITIVE. SILT. LOOSE TO COMPACT. 0002600200140005 00050 **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: 060500 NTS_Sheet: 31G05G
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

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

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14 ***1 of 2*** ***WSW/72.3*** ***72.9 / 0.00*** ***300 1/2 Wilbrod St Ottawa ON K1N6M1*** ***EHS***

Order No: 20140407005
Status: C
Report Type: Custom Report
Report Date: 10-APR-14
Date Received: 07-APR-14
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.680766
Y: 45.427337

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14 ***2 of 2*** ***WSW/72.3*** ***72.9 / 0.00*** ***300 ½ Wilbrod Street Ottawa ON K1N 6M1*** ***EHS***

Order No: 20190206038
Status: C
Report Type: Standard Report
Report Date: 11-FEB-19
Date Received: 06-FEB-19
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.680766
Y: 45.427337

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15 ***1 of 1*** ***SE/73.8*** ***72.9 / 0.00*** ***301 LAURIER AVE E Ottawa ON*** ***WWIS***

Well ID: 7196193
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z153020
Tag: A141839
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: 1/28/2013
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 301 LAURIER AVE E
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/719\7196193.pdf

Additional Detail(s) (Map)

Well Completed Date: 2013/01/03
Year Completed: 2013
Depth (m): 3.35
Latitude: 45.4270641920381
Longitude: -75.6792872572722
Path: 719\7196193.pdf

Bore Hole Information

Bore Hole ID: 1004245047
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03-Jan-2013 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 70.359886
Elevrc:
Zone: 18
East83: 446861.00
North83: 5030618.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1004781234
Layer: 2
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 0.3100000023841858
Formation End Depth: 0.6100000143051147
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004781236
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1.8300000429153442
Formation End Depth: 3.3499999046325684

Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004781233
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.3100000023841858
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004781235
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.6100000143051147
Formation End Depth: 1.8300000429153442
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004781245
Layer: 2
Plug From: 0.310000002384186
Plug To: 0.910000026226044
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004781244
Layer: 1
Plug From: 0
Plug To: 0.310000002384186
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004781246
Layer: 3
Plug From: 0.910000026226044
Plug To: 3.34999990463257
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:	1004781243
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1004781232
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004781239
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	0.910000026226044
Casing Diameter:	3.45000004768372
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004781240
Layer:	1
Slot:	10
Screen Top Depth:	0.910000026226044
Screen End Depth:	3.34999990463257
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.21000003814697

Water Details

Water ID:	1004781238
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1004781237
Diameter:	5.710000038146973
Depth From:	0.0
Depth To:	3.3499999046325684
Hole Depth UOM:	m
Hole Diameter UOM:	cm

16	***1 of 1***	***SE/77.8***	***72.9 / 0.00***	***OTTAWA HYDRO*** ***297 LAURIER AVE. EAST. TRANSFORMER***	***SPL***

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				OTTAWA CITY ON K1N 6P8	

Ref No:	118110	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	9/1/1995	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	COOLING SYSTEM 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:	CONFIRMED	**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:	9/5/1995	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	EQUIPMENT FAILURE	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OTTAWA HYDRO-5 L TRANSF. OIL TO GROUND, EQUIPMENT FAILURE, ONGOING CLEANUP.		
Contaminant Qty:			

17	1 of 1	E/81.7	72.8 / -0.06	288 Chapel Street Ottawa ON K1N 7Y9	EHS

Order No:	20180718277	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	10-AUG-18	**Search Radius (km):**	.25
Date Received:	18-JUL-18	**X:**	-75.678864
Previous Site Name:		**Y:**	45.427646
Lot/Building Size:			
Additional Info Ordered:			

18	1 of 1	N/82.6	72.9 / 0.00	339 WILBROD ST. Ottawa ON	WWIS

Well ID:	7101159	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	10/22/2007
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	5
Audit No:	M00164	**Owner:**	
Tag:	A063670	**Street Name:**	339 WILBROD ST.
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	

Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7101159.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/09/27
Year Completed: 2007
Depth (m):
Latitude: 45.4283117791937
Longitude: -75.6798902633051
Path: 710\7101159.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7101159.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/09/27
Year Completed: 2007
Depth (m):
Latitude: 45.4280959927002
Longitude: -75.6798493222646
Path: 710\7101159.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7101159.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/09/27
Year Completed: 2007
Depth (m):
Latitude: 45.4281226902002
Longitude: -75.6799007766152
Path: 710\7101159.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7101159.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/09/27
Year Completed: 2007
Depth (m):
Latitude: 45.4282968203391
Longitude: -75.6793787436657
Path: 710\7101159.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7101159.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/09/27
Year Completed: 2007
Depth (m): 6.1
Latitude: 45.4282968203391
Longitude: -75.6793787436657
Path: 710\7101159.pdf

Bore Hole Information

Bore Hole ID: 1002522725 ***Elevation:*** 70.645561
DP2BR: ***Elevrc:***

Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446814.00
Code OB Desc:		***North83:***	5030736.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3
Date Completed:	27-Sep-2007 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1002522729
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1002522728
Method Construction Code:	
Method Construction:	
Other Method Construction:	DIRECT PUSH

Pipe Information

Pipe ID:	1002522730
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002522732
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	2.44000005722046
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002522731
Layer:	
Slot:	
Screen Top Depth:	2.44000005722046
Screen End Depth:	5.48999977111816
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1002522733
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	
Rate UOM:	
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1002522727
Diameter:	8.890000343322754
Depth From:	
Depth To:	5.489999771118164
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Bore Hole Information

Bore Hole ID:	1002522707	***Elevation:***	70.561447
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446855.00
Code OB Desc:		***North83:***	5030755.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3
Date Completed:	27-Sep-2007 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1002522711
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1002522710
Method Construction Code:	
Method Construction:	
Other Method Construction:	DIRECT PUSH

Pipe Information

Pipe ID:	1002522712
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002522714
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	3.09999990463257
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002522713
Layer:	
Slot:	
Screen Top Depth:	3.09999990463257
Screen End Depth:	6.09999990463257
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1002522715
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	
Rate UOM:	
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1002522709
Diameter:	8.890000343322754
Depth From:	
Depth To:	6.099999904632568
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Bore Hole Information

Bore Hole ID:	1002522716	**Elevation:**	70.638702
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446818.00
Code OB Desc:		**North83:**	5030733.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:	This is a record from cluster log sheet	**UTMRC:**	3
Date Completed:	27-Sep-2007 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1002522720
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1002522719
Method Construction Code:	
Method Construction:	
Other Method Construction:	DIRECT PUSH

Pipe Information

Pipe ID:	1002522721
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002522723
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	3.09999990463257
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002522722
Layer:	
Slot:	
Screen Top Depth:	3.09999990463257
Screen End Depth:	6.09999990463257
Screen Material:	
Screen Depth UOM:	m

Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002522724
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002522718
Diameter: 8.890000343322754
Depth From:
Depth To: 6.099999904632568
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002522734
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 27-Sep-2007 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 70.566947
Elevrc:
Zone: 18
East83: 446815.00
North83: 5030757.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002522738
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002522737

Method Construction Code:
Method Construction:
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID: 1002522739
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002522741
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 3.09999990463257
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002522740
Layer:
Slot:
Screen Top Depth: 3.09999990463257
Screen End Depth: 6.09999990463257
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002522742
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002522736
Diameter: 8.890000343322754
Depth From:
Depth To: 6.099999904632568
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID:	1001480640	***Elevation:***	70.561447
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446855.00
Code OB Desc:		***North83:***	5030755.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	27-Sep-2007 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1002522746
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	1.5
Formation End Depth:	4.269999980926514
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1002522744
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	0.3100000023841858
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1002522747
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY

Mat2: 91
Mat2 Desc: WATER-BEARING
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 4.269999980926514
Formation End Depth: 6.099999904632568
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1002522745
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 0.3100000023841858
Formation End Depth: 1.5
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002522750
Layer: 2
Plug From: 0.310000002384186
Plug To: 2.44000005722046
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002522749
Layer: 1
Plug From: 0
Plug To: 0.310000002384186
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002522751
Layer: 3
Plug From: 2.44000005722046
Plug To: 6.09999990463257
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1002522755
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1002522743
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002522752
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 3.09999990463257
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002522753
Layer: 1
Slot: 10
Screen Top Depth: 3.09999990463257
Screen End Depth: 6.09999990463257
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 3.80999994277954

Hole Diameter

Hole ID: 1002522748
Diameter: 8.890000343322754
Depth From: 0.0
Depth To: 6.099999904632568
Hole Depth UOM: m
Hole Diameter UOM: cm

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19 | ***1 of 1*** | ***SSW/86.3*** | ***72.9 / 0.00*** | ***261 Laurier Avenue East and 400 Friel Street Ottawa ON*** | ***EHS***

Order No: 20101026003
Status: C
Report Type: Custom Report
Report Date: 11/1/2010
Date Received: 10/26/2010 8:53:00 AM
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.680268
Y: 45.426835

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20 | ***1 of 1*** | ***W/87.1*** | ***72.0 / -0.85*** | ***Enbridge Gas Distribution Inc. 307 Wilbrod Street Ottawa ON*** | ***SPL***

Ref No: 2782-BJ9Q4T
Site No: NA
Incident Dt: 2019/11/25
Year:
Incident Cause:
Incident Event: Collision/Accident

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type: Corporation
Sector Type: Miscellaneous Industrial
Agency Involved:

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

Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	307 Wilbrod Street
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	1075	**Site Region:**	Eastern
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2019/11/25	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	Pipeline/Components
Site Name:	Residential<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA FSB: meter set natural gas line strike to atm., made safe		
Contaminant Qty:	0 other - see incident description		

21	1 of 1	ESE/91.9	72.9 / 0.00	**Teb-Mar Products Inc.** **313 Laurier Ave E** **Ottawa ON K1N 6P8**	SCT

Established:	1994
Plant Size (ft²):	
Employment:	4

--Details--

Description:	Cutlery and Hand Tool Manufacturing
SIC/NAICS Code:	332210

22	1 of 1	SSW/96.3	72.9 / 0.00	**261 Laurier Avenue East** **Ottawa ON K1N 6P7**	EHS

Order No:	20181109029	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	14-NOV-18	**Search Radius (km):**	.25
Date Received:	09-NOV-18	**X:**	-75.680201
Previous Site Name:		**Y:**	45.426727
Lot/Building Size:			
Additional Info Ordered:			

23	1 of 1	SSE/98.8	72.9 / 0.00	**OTTAWA CITY** **FRIEL ST./LAURIER AVE.** **OTTAWA CITY ON**	CA

Certificate #:	3-0943-90-
Application Year:	90
Issue Date:	6/5/1990
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	

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

Contaminants:
Emission Control:

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24 **1 of 1** **SSW/99.1** **72.9 / 0.00** **Parson Refrigeration (1985) Ltd.** **SPL**
273 Laurier Ave
Ottawa ON

Ref No:	1530-7LPH7A	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:		**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Pipe Or Hose Leak	**Sector Type:**	Other
Incident Event:		**Agency Involved:**	
Contaminant Code:	n/a	**Nearest Watercourse:**	
Contaminant Name:	REFRIGERANT GAS R12	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Not Anticipated	**Site Municipality:**	Ottawa
Nature of Impact:	Air 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:	11/24/2008	**Site Map Datum:**	
Dt Document Closed:	11/26/2008	**SAC Action Class:**	Air Spills - Fires
Incident Reason:	Spill	**Source Type:**	

Site Name: Grenon's Your Independant Grocer<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Grenon's Grocer: 25 lbs refrigerant to atm
Contaminant Qty: 12 kg

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25 **1 of 1** **SSW/101.0** **72.9 / 0.00** **Wincon Construction 1986 Ltd** **GEN**
265 Laurier Ave East
Ottawa ON K1N 6P7

Generator No:	ON9187474	**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:	236210		

SIC Description: INDUSTRIAL BUILDING AND STRUCTURE CONSTRUCTION

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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26 **1 of 1** **W/103.4** **71.9 / -1.01** **301 Wilbrod St** **EHS**
Ottawa ON K1N6M3

Order No:	20170328050	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	31-MAR-17	**Search Radius (km):**	.25
Date Received:	28-MAR-17	**X:**	-75.681224
Previous Site Name:		**Y:**	45.427566
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
27	1 of 1	WSW/103.6	72.9 / 0.03	Albert Falsetto 286 Wilbrod St. Ottawa ON K1N 6M2	GEN

Generator No:	ON7208066	PO Box No:	
Status:		Country:	
Approval Years:	2011	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	531111		
SIC Description:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
28	1 of 1	SSW/109.3	72.9 / 0.00	GWL REATLY ADVISORS 271 LAURIER Avenue East OTTAWA ON K1N6P7	NPRI

NPRI ID:	8800001869	Org ID:	
Other ID:		Submit Date:	
No Other ID:		Last Modified:	
Track ID:		Contact ID:	
Report ID:		Cont Type:	MED
Report Type:		Contact Title:	Mr.
Rpt Type ID:		Cont First Name:	WAYNE
Report Year:	2004	Cont Last Name:	PROULX
Not-Current Rpt?:		Contact Position:	MANAGER ENERGY ENVIRONMENTAL SERVCES
Yr of Last Filed Rpt:		Contact Fax:	
Fac ID:		Contact Ph.:	
Fac Name:	271 LAURIER AVE E	Cont Area Code:	905
Fac Address1:		Contact Tel.:	3618193
Fac Address2:		Contact Ext.:	
Fac Postal Zip:		Cont Fax Area Cde:	905
Facility Lat:		Contact Fax:	3618188
Facility Long:		Contact Email:	wayne.proulx@gwlra.com
DLS (Last Filed Rpt):		Latitude:	
Facility DLS:		Longitude:	
Datum:		UTM Zone:	
Facility Cmnts:		UTM Northing:	
URL:		UTM Easting:	
No of Empl.:	10	Waste Streams:	
Parent Co.:		No Streams:	
No Parent Co.:		Waste Off Sites:	
Pollut Prev Cmnts:		No Off Sites:	
Stacks:		Shutdown:	
No of Stacks:		No of Shutdown:	
Canadian SIC Code (2 digit):			
Canadian SIC Code:			
SIC Code Description:			
American SIC Code:			
NAICS Code (2 digit):	53		
NAICS 2 Description:	Real Estate and Rental and Leasing		
NAICS Code (4 digit):	5311		
NAICS 4 Description:	Lessors of Real Estate		
NAICS Code (6 digit):	531120		
NAICS 6 Description:	Lessors of Non-Residential Buildings (except Mini-Warehouses)		

Substance Release Report

CAS No:	811-97-2
Report ID:	
Rpt Period:	2004

Subst Released: HFC-134a Hydrofluorocarbon
Air:
Water:
Land:
Total Releases:
Units: tonnes

CAS No: 7446-09-5
Report ID:
Rpt Period: 2004
Subst Released: Sulphur dioxide
Air:
Water:
Land:
Total Releases:
Units: tonnes

CAS No: NA - M16
Report ID:
Rpt Period: 2004
Subst Released: Volatile Organic Compounds (VOCs)
Air:
Water:
Land:
Total Releases:
Units: tonnes

CAS No: NA - M09
Report ID:
Rpt Period: 2004
Subst Released: PM10 - Particulate Matter <= 10 Microns
Air:
Water:
Land:
Total Releases:
Units: tonnes

CAS No: 10024-97-2
Report ID:
Rpt Period: 2004
Subst Released: Nitrous oxide
Air:
Water:
Land:
Total Releases:
Units: tonnes

CAS No: 124-38-9
Report ID:
Rpt Period: 2004
Subst Released: Carbon dioxide
Air:
Water:
Land:
Total Releases:
Units: tonnes

CAS No: 74-82-8
Report ID:
Rpt Period: 2004
Subst Released: Methane
Air:
Water:
Land:
Total Releases:
Units: tonnes

CAS No:	NA - M10
Report ID:	
Rpt Period:	2004
Subst Released:	PM2.5 - Particulate Matter <= 2.5 Microns
Air:	
Water:	
Land:	
Total Releases:	
Units:	tonnes

CAS No:	11104-93-1
Report ID:	
Rpt Period:	2004
Subst Released:	Nitrogen oxides (expressed as NO2)
Air:	
Water:	
Land:	
Total Releases:	
Units:	tonnes

CAS No:	630-08-0
Report ID:	
Rpt Period:	2004
Subst Released:	Carbon monoxide
Air:	
Water:	
Land:	
Total Releases:	
Units:	tonnes

CAS No:	NA - M08
Report ID:	
Rpt Period:	2004
Subst Released:	PM - Total Particulate Matter
Air:	
Water:	
Land:	
Total Releases:	
Units:	tonnes

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29 | ***1 of 1*** | ***WNW/112.1*** | ***71.9 / -1.00*** | ***188 and 200 Stewart Street Ottawa ON K1N 6J9*** | ***EHS***

Order No:	20070816016	**Nearest Intersection:**	Stewart ST, Friel St
Status:	C	**Municipality:**	
Report Type:	CAN - Complete Report	**Client Prov/State:**	
Report Date:	8/27/2007	**Search Radius (km):**	0.25
Date Received:	8/16/2007	**X:**	-75.681074
Previous Site Name:		**Y:**	45.427944
Lot/Building Size:	2 adjacent lots		
Additional Info Ordered:			

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30 | ***1 of 1*** | ***NNW/126.5*** | ***72.2 / -0.69*** | ***380 CUMBERLAND ST Ottawa ON*** | ***WWIS***

Well ID:	7350809	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	1/6/2020
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7

Audit No:	Z324365	**Owner:**	
Tag:	A282393	**Street Name:**	380 CUMBERLAND ST
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2019/11/05
Year Completed:	2019
Depth (m):	3.3528
Latitude:	45.428650757829
Longitude:	-75.680405676292
Path:	

Bore Hole Information

Bore Hole ID:	1007856526	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446775.00
Code OB Desc:		**North83:**	5030795.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	05-Nov-2019 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008231537
Layer:	1
Color:	2
General Color:	GREY
Mat1:	27
Most Common Material:	OTHER
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	0.0
Formation End Depth:	0.5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 1008231540
Layer: 4
Color: 2
General Color: GREY
Mat1: 34
Most Common Material: TILL
Mat2: 73
Mat2 Desc: HARD
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 6.0
Formation End Depth: 11.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1008231538
Layer: 2
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 73
Mat2 Desc: HARD
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 0.5
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1008231539
Layer: 3
Color: 6
General Color: BROWN
Mat1: 10
Most Common Material: COARSE SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 2.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008233678
Layer: 3
Plug From: 5
Plug To: 11
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008233676

Layer:	1
Plug From:	0
Plug To:	1
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008233677
Layer:	2
Plug From:	1
Plug To:	5
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008236393
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	DIRECT PUSH

Pipe Information

Pipe ID:	1008228933
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1008238171
Layer:	1
Slot:	10
Screen Top Depth:	6
Screen End Depth:	11
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.31500005722046

Results of Well Yield Testing

Pump Test ID:	1008239383
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

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

Hole ID: 1008235271
Diameter: 2.25
Depth From: 0.0
Depth To: 11.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

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31 | 1 of 3 | SSW/128.6 | 72.9 / 0.00 | OTTAWA CITY SWEETLAND AVE./LAURIER AVE./SO OTTAWA CITY ON | CA

Certificate #: 3-0715-90-
Application Year: 90
Issue Date: 5/23/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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31 | 2 of 3 | SSW/128.6 | 72.9 / 0.00 | R.M. OF OTTAWA-CARLETON SWEETLAND AVE./LAURIER AVE./SO OTTAWA CITY ON | CA

Certificate #: 7-0617-90-
Application Year: 90
Issue Date: 5/23/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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31 | 3 of 3 | SSW/128.6 | 72.9 / 0.00 | Laurier Avenue East and Sweetland Avenue<UNOFFICIAL> Ottawa ON | SPL

Ref No: 8516-6EY4AM
Site No:
Incident Dt: 8/4/2005
Year:
Incident Cause:
Incident Event:
Contaminant Code:
Contaminant Name: GASOLINE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Surface Water Pollution

Discharger Report: 0
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:

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

Receiving Medium:	Water	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	8/4/2005	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Spills to Watercourses
Incident Reason:		**Source Type:**	
Site Name:	Laurier Avenue East and Sweetland Avenue<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ottawa: 1/2 tank of gasoline to catchbasin from vehicle		
Contaminant Qty:	20 L		

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32 | ***1 of 2*** | ***S/133.2*** | ***72.9 / 0.00*** | ***280 Laurier Avenue East Ottawa ON K1N 6P5*** | ***EHS***

Order No:	20290900059	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	14-SEP-20	**Search Radius (km):**	.25
Date Received:	09-SEP-20	**X:**	-75.679723
Previous Site Name:		**Y:**	45.4263762
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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32 | ***2 of 2*** | ***S/133.2*** | ***72.9 / 0.00*** | ***280 Laurier Avenue East Ottawa ON K1N 6P5*** | ***EHS***

Order No:	20290900059	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	14-SEP-20	**Search Radius (km):**	.25
Date Received:	09-SEP-20	**X:**	-75.679723
Previous Site Name:		**Y:**	45.4263762
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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33 | ***1 of 1*** | ***ESE/137.1*** | ***72.9 / 0.00*** | ***320 LAURIER AVENUE EAST, OTTAWA ON*** | ***INC***

Incident No:	1580484	**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:	2015/02/21 00:00:00	**Indus App. Type:**	
Time of Occurrence:	00:01:00	**Institut App. Type:**	
Incident Created On:		**Venting Type:**	
Instance Creation Dt:		**Vent Conn Mater:**	
Instance Install Dt:		**Vent Chimney Mater:**	
Occur Insp Start Date:	2015/02/23 00:00:00	**Pipeline Type:**	
Approx Quant Rel:		**Pipeline Involved:**	
Tank Capacity:		**Pipe Material:**	
Fuels Occur Type:	CO Release	**Depth Ground Cover:**	
Fuel Type Involved:	Natural Gas	**Regulator Location:**	
Enforcement Policy:	NULL	**Regulator Type:**	
Prc Escalation Req:	NULL	**Operation Pressure:**	
Tank Material Type:		**Liquid Prop Make:**	
Tank Storage Type:		**Liquid Prop Model:**	

Tank Location Type:		**Liquid Prop Serial No:**	
Pump Flow Rate Cap:		**Liquid Prop Notes:**	
Task No:	5374018	**Equipment Type:**	
Notes:		**Equipment Model:**	
Drainage System:		**Serial No:**	
Sub Surface Contam.:		**Cylinder Capacity:**	
Aff Prop Use Water:		**Cylinder Cap Units:**	
Contam. Migrated:		**Cylinder Mat Type:**	
Contact Natural Env:		**Near Body of Water:**	
Incident Location:	320 LAURIER AVENUE EAST, OTTAWA - CO RELEASE		
Occurence Narrative:	CO Release from exhaust venting. Wrong venting used		
Operation Type Involved:	Multi-unit Residential		
Item:			
Item Description:			
Device Installed Location:			

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34 | ***1 of 6*** | ***NNW/151.2*** | ***71.8 / -1.05*** | ***City of Ottawa*** ***Road Allowance on Daly Avenue*** ***Ottawa ON K1P 1J1*** | ***ECA***

Approval No:	2925-5BWNRC	**MOE District:**	Ottawa
Approval Date:	2002-07-19	**City:**	
Status:	Approved	**Longitude:**	-75.6803
Record Type:	ECA	**Latitude:**	45.4289
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-Municipal and Private Water Works		
Project Type:	Municipal and Private Water Works		
Business Name:	City of Ottawa		
Address:	Road Allowance on Daly Avenue		
Full Address:			
Full PDF Link:			

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34 | ***2 of 6*** | ***NNW/151.2*** | ***71.8 / -1.05*** | ***City of Ottawa*** ***Waller Street from 23 metres northwest of Daly Avenue to 19 metres northwest of Laurier Avenue East*** ***Ottawa ON K2G 6J8*** | ***ECA***

Approval No:	1053-6N5UEE	**MOE District:**	Ottawa
Approval Date:	2006-03-27	**City:**	
Status:	Approved	**Longitude:**	-75.6803
Record Type:	ECA	**Latitude:**	45.4289
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-Municipal Drinking Water Systems		
Project Type:	Municipal Drinking Water Systems		
Business Name:	City of Ottawa		
Address:	Waller Street from 23 metres northwest of Daly Avenue to 19 metres northwest of Laurier Avenue East		
Full Address:			
Full PDF Link:			

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34 | ***3 of 6*** | ***NNW/151.2*** | ***71.8 / -1.05*** | ***City of Ottawa*** ***Laurier Avenue East from Waller St to Nelson St*** ***Ottawa ON K1P 1J1*** | ***ECA***

Approval No:	1157-4Z5RNN	**MOE District:**	Ottawa
Approval Date:	2001-07-31	**City:**	
Status:	Approved	**Longitude:**	-75.6803
Record Type:	ECA	**Latitude:**	45.4289

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

Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-Municipal and Private Water Works		
Project Type:	Municipal and Private Water Works		
Business Name:	City of Ottawa		
Address:	Laurier Avenue East from Waller St to Nelson St		
Full Address:			
Full PDF Link:			

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34 **4 of 6** **NNW/151.2** **71.8 / -1.05**

City of Ottawa
Road Allowance on Daly Avenue
Ottawa ON K1P 1J1

ECA

Approval No:	3704-5C7L7U	**MOE District:**	Ottawa
Approval Date:	2002-07-22	**City:**	
Status:	Approved	**Longitude:**	-75.6803
Record Type:	ECA	**Latitude:**	45.4289
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:	City of Ottawa		
Address:	Road Allowance on Daly Avenue		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3085-5BVTKL-14.pdf		

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34 **5 of 6** **NNW/151.2** **71.8 / -1.05**

City of Ottawa
Laurier Avenue East from Waller St to Nelson St
Ottawa ON K1P 1J1

ECA

Approval No:	7147-4Y6Q6B	**MOE District:**	Ottawa
Approval Date:	2001-07-31	**City:**	
Status:	Revoked and/or Replaced	**Longitude:**	-75.6803
Record Type:	ECA	**Latitude:**	45.4289
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-Municipal and Private Water Works		
Project Type:	Municipal and Private Water Works		
Business Name:	City of Ottawa		
Address:	Laurier Avenue East from Waller St to Nelson St		
Full Address:			
Full PDF Link:			

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34 **6 of 6** **NNW/151.2** **71.8 / -1.05**

City of Ottawa
Laurier Avenue East from Waller St to Nelson St
Ottawa ON K1P 1J1

ECA

Approval No:	7015-4Y6PUV	**MOE District:**	Ottawa
Approval Date:	2001-07-06	**City:**	
Status:	Approved	**Longitude:**	-75.6803
Record Type:	ECA	**Latitude:**	45.4289
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:	City of Ottawa		
Address:	Laurier Avenue East from Waller St to Nelson St		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2636-4Y6K8N-14.pdf		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
35	1 of 1	NNE/156.6	72.9 / 0.00	OTTAWA CITY - KING EDWARD AVENUE STEWART ST./CHAPEL ST. OTTAWA CITY ON	CA

Certificate #: 3-0429-91-
Application Year: 91
Issue Date: 4/29/1991
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
36	1 of 1	SSE/159.4	72.9 / 0.00	ON	BORE

Borehole ID: 613501
OGF ID: 215514777
Status:
Type: Borehole
Use:
Completion Date:
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 65.5
Elev Reliabil Note:
DEM Ground Elev m: 70.2
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: 45.426202
Longitude DD: -75.679281
UTM Zone: 18
Easting: 446861
Northing: 5030522
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218395392
Top Depth: 12.8
Bottom Depth: 14.3
Material Color:
Material 1: Sand
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND. COMPACT.

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

Geology Stratum ID: 218395388
Top Depth: 0
Bottom Depth: 1.2
Material Color:
Material 1: Fill
Material 2:
Material 3:

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

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

Geology Stratum ID: 218395391 ***Mat Consistency:***
Top Depth: 12.2 ***Material Moisture:***
Bottom Depth: 12.8 ***Material Texture:***
Material Color: ***Non Geo Mat Type:***
Material 1: Gravel ***Geologic Formation:***
Material 2: ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: GRAVEL.

Geology Stratum ID: 218395390 ***Mat Consistency:*** Soft
Top Depth: 1.8 ***Material Moisture:***
Bottom Depth: 12.2 ***Material Texture:***
Material Color: Blue ***Non Geo Mat Type:***
Material 1: Clay ***Geologic Formation:***
Material 2: ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: CLAY. BLUE,SOFT.

Geology Stratum ID: 218395389 ***Mat Consistency:***
Top Depth: 1.2 ***Material Moisture:***
Bottom Depth: 1.8 ***Material Texture:***
Material Color: ***Non Geo Mat Type:***
Material 1: Clay ***Geologic Formation:***
Material 2: ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: CLAY. FRIABLE.

Geology Stratum ID: 218395393 ***Mat Consistency:***
Top Depth: 14.3 ***Material Moisture:***
Bottom Depth: ***Material Texture:***
Material Color: Grey ***Non Geo Mat Type:***
Material 1: Bedrock ***Geologic Formation:***
Material 2: ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: BEDROCK. . BEDROCK. GREY,FOSSILIFEROUS,FRACTURED. CK. GREY,SOUND. 00000013000900130013
**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: 060090 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

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

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		

37 | **1 of 1** | **WNW/162.7** | **71.6 / -1.31** | **STEADYROCK MASONRY**
175 STEWART ST,,OTTAWA,ON,K1N 6J8,CA
ON | **PINC**

Incident ID:		**Fuel Category:**	Natural Gas
Incident No:	1458162	**Health Impact:**	
Incident Reported Dt:	8/13/2014	**Environment Impact:**	
Type:	FS-Pipeline Incident	**Property Damage:**	Yes
Status Code:		**Service Interupt:**	
Customer Acct Name:	STEADYROCK MASONRY	**Enforce Policy:**	Yes
Incident Address:	175 STEWART ST,,OTTAWA,ON,K1N 6J8,CA	**Public Relation:**	
Tank Status:	Pipeline Damage Reason Est	**Pipeline System:**	
Task No:	5138454	**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:	2014/08/19	**Method Details:**	E-mail
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	175 STEWART ST, OTTAWA - PIPELINE HIT - 1/2"		
Reported By:	Ryan Noble - Enbridge Gasi		
Affiliation:			
Occurrence Desc:			
Damage Reason:	Excavation practices not sufficient		
Notes:			

38 | **1 of 1** | **SW/164.7** | **72.9 / 0.03** | **245 Laurier Ave E**
Ottawa ON K1N6P7 | **EHS**

Order No:	20131202009	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	06-DEC-13	**Search Radius (km):**	.25
Date Received:	02-DEC-13	**X:**	-75.681054
Previous Site Name:		**Y:**	45.426327
Lot/Building Size:			
Additional Info Ordered:			

39 | **1 of 5** | **NE/176.5** | **72.9 / 0.00** | **PRIVATE RESIDENCE**
258 STEWART ST FURNACE OIL TANK
OTTAWA CITY ON K1N 6K4 | **SPL**

Ref No:	204291	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	6/25/2001	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CONTAINER LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Possible	**Site Municipality:**	20107

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

Nature of Impact:	Soil contamination	**Site Lot:**	
Receiving Medium:	Land	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	6/25/2001	**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:	PRIVATE RESIDENCE:SPILL OF UKN AMOUNT FURNACE OIL TO DIRT AROUND TANK.		
Contaminant Qty:			

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39 **2 of 5** **NE/176.5** **72.9 / 0.00** **Lucienne Marie Emilia Berthiaume** **EBR**
258 Stewart Street Ottawa Ontario K1N 6K4
Ottawa
ON

EBR Registry No:	IA05E0169	**Decision Posted:**	
Ministry Ref No:	8886-698S8G	**Exception Posted:**	
Notice Type:	Instrument Decision	**Section:**	
Notice Stage:		**Act 1:**	
Notice Date:	July 19, 2005	**Act 2:**	
Proposal Date:	February 10, 2005	**Site Location Map:**	
Year:	2005		
Instrument Type:	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)		
Off Instrument Name:			
Posted By:			
Company Name:	Lucienne Marie Emilia Berthiaume		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	1691 Laurelwood Place, Ottawa Ontario, K1C 6Y4		
Comment Period:			
URL:			

Site Location Details:

258 Stewart Street Ottawa Ontario K1N 6K4 Ottawa

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39 **3 of 5** **NE/176.5** **72.9 / 0.00** **258 STEWART ST.** **WWIS**
Ottawa ON

Well ID:	7106553	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	6/18/2008
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	6964
Casing Material:		**Form Version:**	5
Audit No:	M00595	**Owner:**	
Tag:	A032149	**Street Name:**	258 STEWART ST.
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	

Flowing (Y/N): ***Zone:***
Flow Rate: ***UTM Reliability:***
Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7106553.pdf

Additional Detail(s) (Map)

Well Completed Date: 2008/06/11
Year Completed: 2008
Depth (m):
Latitude: 45.4288684943839
Longitude: -75.6786058005583
Path: 710\7106553.pdf

Bore Hole Information

Bore Hole ID: 1001616032 ***Elevation:*** 70.581512
DP2BR: ***Elevrc:***
Spatial Status: ***Zone:*** 18
Code OB: ***East83:*** 446916.00
Code OB Desc: ***North83:*** 5030818.00
Open Hole: ***Org CS:*** UTM83
Cluster Kind: ***UTMRC:*** 3
Date Completed: 11-Jun-2008 00:00:00 ***UTMRC Desc:*** margin of error : 10 - 30 m
Remarks: ***Location Method:*** wwr
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Annular Space/Abandonment Sealing Record

Plug ID: 1002708935
Layer: 3
Plug From: 0.600000023841858
Plug To: 4.59999990463257
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002708934
Layer: 2
Plug From: 0.150000005960464
Plug To: 0.600000023841858
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002708933
Layer: 1
Plug From: 0
Plug To: 0.150000005960464
Plug Depth UOM: m

Method of Construction & Well

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

Use

Method Construction ID: 1002708936
Method Construction Code:
Method Construction:
Other Method Construction:

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39 ***4 of 5*** ***NE/176.5*** ***72.9 / 0.00*** ***Lucienne Marie Emilia Berthiaume*** ***CA***
258 Stewart Street
Ottawa ON

Certificate #: 8274-6E7P77
Application Year: 2005
Issue Date: 7/18/2005
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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39 ***5 of 5*** ***NE/176.5*** ***72.9 / 0.00*** ***Lucienne Marie Emilia Berthiaume*** ***ECA***
258 Stewart Street
Ottawa ON K1C 6Y4

Approval No: 8274-6E7P77
Approval Date: 2005-07-18
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Lucienne Marie Emilia Berthiaume
Address: 258 Stewart Street
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8886-698S8G-14.pdf

MOE District: Ottawa
City:
Longitude: -75.67869
Latitude: 45.428947
Geometry X:
Geometry Y:

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40 ***1 of 1*** ***NE/177.3*** ***72.9 / 0.00*** ***258 STEWART STREET*** ***WWIS***
OTTAWA ON

Well ID: 7047370
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z34856
Tag: A032149
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Data Entry Status:
Data Src:
Date Received: 8/2/2007
Selected Flag: True
Abandonment Rec:
Contractor: 6964
Form Version: 3
Owner:
Street Name: 258 STEWART STREET
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:

Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7047370.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/05/29
Year Completed: 2007
Depth (m): 4.6
Latitude: 45.4288774949998
Longitude: -75.6786059084158
Path: 704\7047370.pdf

Bore Hole Information

Bore Hole ID: 23047370
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 29-May-2007 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation: 70.578994
Elevrc:
Zone: 18
East83: 446916.00
North83: 5030819.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 30247370
Layer: 2
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.05000000074505806
Formation End Depth: 0.15000000596046448
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 30147370
Layer: 1
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:

Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.05000000074505806
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 30347370
Layer: 3
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 0.15000000596046448
Formation End Depth: 2.0
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 30447370
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 4.599999904632568
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 44002430
Layer: 1
Plug From: 0
Plug To: 0.200000002980232
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 44002431
Layer: 2
Plug From: 0.200000002980232
Plug To: 1
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 44002429

Layer: 3
Plug From: 1
Plug To: 4.59999990463257
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 25947370
Method Construction Code: 9
Method Construction: Driving
Other Method Construction:

Pipe Information

Pipe ID: 29047370
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 42147370
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.0500000007450581
Depth To: 1.39999997615814
Casing Diameter: 2.5
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 43147370
Layer: 1
Slot: 10
Screen Top Depth: 1.39999997615814
Screen End Depth: 4.59999990463257
Screen Material: 1
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 3

Hole Diameter

Hole ID: 46001594
Diameter: 5.0
Depth From: 0.15000000596046448
Depth To: 4.599999904632568
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 46001593
Diameter: 20.299999237060547
Depth From: 0.0
Depth To: 0.15000000596046448
Hole Depth UOM: m
Hole Diameter UOM: cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	1 of 1	NW/187.8	70.9 / -2.00	OTTAWA CITY DALY AVE. AND FRIEL ST. OTTAWA CITY ON	CA

Certificate #: 3-0778-86-
Application Year: 86
Issue Date: 6/19/1986
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
42	1 of 1	N/189.2	72.2 / -0.69	290 Daly Ave Ottawa ON Ottawa ON K1N 6G5	EHS

Order No: 20190916020
Status: C
Report Type: Standard Report
Report Date: 18-SEP-19
Date Received: 16-SEP-19
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.679911
Y: 45.429271

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	1 of 2	SW/194.0	72.2 / -0.69	R.M. OF OTTAWA-CARLETON LAURIER AVE/NELSON ST. OTTAWA CITY ON	CA

Certificate #: 7-0603-97-
Application Year: 97
Issue Date: 7/8/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	2 of 2	SW/194.0	72.2 / -0.69	OTTAWA CITY LAURIER AVE.E/NELSON ST. OTTAWA CITY ON	CA

Certificate #: 3-0788-97-
Application Year: 97
Issue Date: 7/8/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:

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

Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

44 **1 of 1** **NNE/197.7** **72.9 / 0.00** **3312 CR #43 Smiths Falls ON** **WWIS**

Well ID:	7107564	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	7/7/2008
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	6964
Casing Material:		**Form Version:**	5
Audit No:	M03128	**Owner:**	
Tag:	A064922	**Street Name:**	3312 CR #43
Construction Method:		**County:**	LANARK
Elevation (m):		**Municipality:**	NORTH ELMSLEY 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/710\7107564.pdf

Additional Detail(s) (Map)

Well Completed Date:	2008/06/05
Year Completed:	2008
Depth (m):	6.3
Latitude:	45.429190997344
Longitude:	-75.6788653393145
Path:	710\7107564.pdf

Bore Hole Information

Bore Hole ID:	1001638391	**Elevation:**	70.426635
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446896.00
Code OB Desc:		**North83:**	5030854.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	05-Jun-2008 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1002667379
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	0.699999988079071
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1002667380
Layer:	2
Color:	2
General Color:	GREY
Mat1:	12
Most Common Material:	STONES
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.699999988079071
Formation End Depth:	1.7999999523162842
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1002667382
Layer:	4
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.700000047683716
Formation End Depth:	6.300000190734863
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1002667381
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	01
Mat3 Desc:	FILL

Formation Top Depth: 1.7999999523162842
Formation End Depth: 2.700000047683716
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002667385
Layer: 1
Plug From: 0
Plug To: 3.09999990463257
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002667386
Layer: 2
Plug From: 3.09999990463257
Plug To: 6.30000019073486
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1002667390
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 1002667377
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002667387
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 3.29999995231628
Casing Diameter: 3.5
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002667388
Layer: 1
Slot: 10
Screen Top Depth: 3.29999995231628
Screen End Depth: 6.30000019073486
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.09999990463257

Results of Well Yield Testing

Pump Test ID:	1002667378
Pump Set At:	
Static Level:	3.5
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1002667384
Diameter:	5.699999809265137
Depth From:	2.700000047683716
Depth To:	6.300000190734863
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1002667383
Diameter:	7.599999904632568
Depth From:	0.0
Depth To:	2.700000047683716
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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45 ***1 of 1*** ***SW/197.7*** ***71.9 / -1.00*** ***296 NELSON STREET, OTTAWA ON*** ***INC***

Incident No:	1777452	***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:	2015/12/29 00:00:00	***Indus App. Type:***	
Time of Occurrence:	NULL	***Institut App. Type:***	
Incident Created On:		***Venting Type:***	
Instance Creation Dt:		***Vent Conn Mater:***	
Instance Install Dt:		***Vent Chimney Mater:***	
Occur Insp Start Date:	2015/12/29 00:00:00	***Pipeline Type:***	
Approx Quant Rel:		***Pipeline Involved:***	
Tank Capacity:		***Pipe Material:***	
Fuels Occur Type:	CO Release	***Depth Ground Cover:***	
Fuel Type Involved:	Natural Gas	***Regulator Location:***	
Enforcement Policy:	NULL	***Regulator Type:***	
Prc Escalation Req:	NULL	***Operation Pressure:***	
Tank Material Type:		***Liquid Prop Make:***	
Tank Storage Type:		***Liquid Prop Model:***	
Tank Location Type:		***Liquid Prop Serial No:***	
Pump Flow Rate Cap:		***Liquid Prop Notes:***	

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

Task No:	5987792	**Equipment Type:**	
Notes:		**Equipment Model:**	
Drainage System:		**Serial No:**	
Sub Surface Contam.:		**Cylinder Capacity:**	
Aff Prop Use Water:		**Cylinder Cap Units:**	
Contam. Migrated:		**Cylinder Mat Type:**	
Contact Natural Env:		**Near Body of Water:**	
Incident Location:	296 NELSON STREET, OTTAWA - CO RELEASE		
Occurence Narrative:	co release, failed boiler		
Operation Type Involved:	Commercial (e.g. restaurant, business unit, etc)		
Item:			
Item Description:			
Device Installed Location:			

---

46 **1 of 2** **E/198.5** **72.0 / -0.92** **Epic Realty Partners** **GEN**
340 Laurier Ave.
Ottawa ON

Generator No:	ON6191200	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2013	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	521310		
SIC Description:			

Detail(s)

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

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46 **2 of 2** **E/198.5** **72.0 / -0.92** **TNC 340 Laurier Ltd** **GEN**
340 Laurier
Ottawa ON

Generator No:	ON2961230	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2013	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	531310		
SIC Description:	REAL ESTATE PROPERTY MANAGERS		

Detail(s)

Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	135
Waste Class Desc:	REACTIVE ANION WASTES
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
47	1 of 1	ESE/201.0	71.0 / -1.83	324 CHAPEL ST OTTAWA ON	WWIS

Well ID: 7044389
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z58316
Tag: A051274
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: 6/4/2007
Selected Flag: True
Abandonment Rec:
Contractor: 1844
Form Version: 3
Owner:
Street Name: 324 CHAPEL ST
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7044389.pdf

Additional Detail(s) (Map)

Well Completed Date: 2006/12/18
Year Completed: 2006
Depth (m): 4.88
Latitude: 45.4265691934022
Longitude: -75.6777601298065
Path: 704\7044389.pdf

Bore Hole Information

Bore Hole ID: 11766806
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 18-Dec-2006 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 70.327415
Elevrc:
Zone: 18
East83: 446980.00
North83: 5030562.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 933102766
Layer: 3
Color: 2
General Color: GREY
Mat1: 05

Most Common Material:	CLAY
Mat2:	84
Mat2 Desc:	SILTY
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	1.7000000476837158
Formation End Depth:	4.880000114440918
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933102765
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	
Formation End Depth:	1.7000000476837158
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933320108
Layer:	1
Plug From:	0.300000011920929
Plug To:	1
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	967044389
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	

Pipe Information

Pipe ID:	11774496
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930900166
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.29999995231628
Casing Diameter:	51
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	933424714
Layer:	1
Slot:	10
Screen Top Depth:	1.5
Screen End Depth:	4.88000011444092
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	58

Hole Diameter

Hole ID:	11853422
Diameter:	10.0
Depth From:	0.0
Depth To:	4.880000114440918
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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48 | ***1 of 1*** | ***W/201.2*** | ***70.8 / -2.08*** | ***146 STEWART STREET OTTAWA ON*** | ***WWIS***

Well ID:	7046630	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	7/17/2007
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	3
Audit No:	Z66296	***Owner:***	
Tag:	A051812	***Street Name:***	146 STEWART STREET
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7046630.pdf

Additional Detail(s) (Map)

Well Completed Date:	2007/06/21
Year Completed:	2007
Depth (m):	8.89
Latitude:	45.4273873185922
Longitude:	-75.6824613904653
Path:	704\7046630.pdf

Bore Hole Information

Bore Hole ID:	23046630	***Elevation:***	69.456008
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446613.00

Code OB Desc:		**North83:**	5030656.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	21-Jun-2007 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	30146630
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	0.9100000262260437
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	30346630
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	91
Mat2 Desc:	WATER-BEARING
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	3.3499999046325684
Formation End Depth:	8.890000343322754
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	30246630
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	08
Mat3 Desc:	FINE SAND
Formation Top Depth:	0.9100000262260437
Formation End Depth:	3.3499999046325684
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID: 44001283
Layer: 1
Plug From: 0
Plug To: 0.310000002384186
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 44001284
Layer: 3
Plug From: 3.34999990463257
Plug To: 8.52999973297119
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 44001285
Layer: 2
Plug From: 0.310000002384186
Plug To: 3.34999990463257
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 25946630
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 29046630
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 42146630
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 3.96000003814697
Casing Diameter: 3.80999994277954
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 43146630
Layer: 1
Slot: 10
Screen Top Depth: 3.96000003814697

Screen End Depth: 8.52999973297119
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Hole Diameter

Hole ID: 46000798
Diameter: 8.890000343322754
Depth From: 0.0
Depth To: 8.529999732971191
Hole Depth UOM: m
Hole Diameter UOM: cm

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49 | **1 of 1** | **E/202.7** | **72.0 / -0.92** | **315 Chapel St, Ottawa ON** | **EHS**

Order No: 20161104073
Status: C
Report Type: Custom Report
Report Date: 11-NOV-16
Date Received: 04-NOV-16
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .3
X: -75.677325
Y: 45.427376

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50 | **1 of 1** | **SE/206.2** | **71.9 / -0.95** | **36 Russell Ave, Ottawa ON** | **EHS**

Order No: 20161018006
Status: C
Report Type: Standard Report
Report Date: 24-OCT-16
Date Received: 18-OCT-16
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.678527
Y: 45.425985

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51 | **1 of 1** | **NNW/210.0** | **71.0 / -1.86** | **255 Daly Ave, Ottawa ON K1N6G3** | **EHS**

Order No: 20160527010
Status: C
Report Type: Standard Report
Report Date: 01-JUN-16
Date Received: 27-MAY-16
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.681016
Y: 45.429288

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52 | **1 of 2** | **ESE/210.0** | **70.9 / -2.00** | **NGOMA, 321 Chapel St, Ottawa ON K1N 7Z2** | **SCT**

Established: 01-SEP-59
Plant Size (ft²):
Employment:

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

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

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52 | ***2 of 2*** | ***ESE/210.0*** | ***70.9 / -2.00*** | ***CODE*** ***321 Chapel St*** ***Ottawa ON K1N 7Z2*** | ***SCT***

Established: 01-AUG-59
Plant Size (ft²):
Employment:

--Details--
Description: Social Advocacy Organizations
SIC/NAICS Code: 813310

Description: Book Publishers
SIC/NAICS Code: 511130

Description: Grant-Making and Giving Services
SIC/NAICS Code: 813210

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53 | ***1 of 1*** | ***W/210.0*** | ***70.9 / -1.99*** | ***146 Stewart St*** ***Ottawa ON K1N6J7*** | ***EHS***

Order No:	20150130069	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	05-FEB-15	***Search Radius (km):***	.25
Date Received:	30-JAN-15	***X:***	-75.682565
Previous Site Name:		***Y:***	45.427326
Lot/Building Size:			
Additional Info Ordered:			

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54 | ***1 of 1*** | ***E/212.1*** | ***70.6 / -2.32*** | ***CHURCH*** ***ALL SAINTS CHURCH 317 CHAPEL ST.*** ***OTTAWA CITY ON K1N 7Z2*** | ***SPL***

Ref No:	47841	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	3/20/1991	***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:	Water course or lake	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	FIRST FUELS
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	3/20/1991	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	GASKET/JOINT	***Source Type:***	
Site Name:			

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

Site County/District:
Site Geo Ref Meth:
Incident Summary: ALL SAINTS CHURCH - STOVEOIL TO GROUND FROM LEAKY PUMP SEAL ON BOILER
Contaminant Qty:

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55 | 1 of 2 | SSE/214.3 | 72.0 / -0.92 | **Enbridge Gas Distribution Inc.**
39 Sweetland Ave
Ottawa ON | SPL

Ref No: 4076-BA8UYH
Site No: NA
Incident Dt: 3/13/2019
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: 1075
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Air
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/13/2019
Dt Document Closed: 5/8/2019

Incident Reason: Operator/Human Error
Site Name: 2" plastic IP gas main<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TSSA FSB - Spill - 2 inch gas line hit by contractor
Contaminant Qty: 0 other - see incident description

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type: Corporation
Sector Type: Unknown / N/A
Agency Involved:
Nearest Watercourse:
Site Address: 39 Sweetland Ave
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Source Type: Pipeline/Components

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55 | 2 of 2 | SSE/214.3 | 72.0 / -0.92 | **ENBRIDGE GAS INC**
39 SWEETLAND AVE,,OTTAWA,ON,K1N 7T7,CA
ON | PINC

Incident ID:
Incident No: 2531848
Incident Reported Dt: 3/14/2019
Type: FS-Pipeline Incident
Status Code:
Customer Acct Name: ENBRIDGE GAS INC
Incident Address: 39 SWEETLAND AVE,,OTTAWA,ON,K1N 7T7,CA
Tank Status: Pipeline Damage Reason Est
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:

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:

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

Damage Reason:
Notes:

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56 | ***1 of 1*** | ***W/215.8*** | ***70.9 / -1.99*** | ***145 AND 146 STEWART STREET OTTAWA ON*** | ***EHS***

Order No:	20070322028	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	CAN - Custom Report	***Client Prov/State:***	
Report Date:	4/2/2007	***Search Radius (km):***	0.25
Date Received:	3/22/2007	***X:***	-75.682653
Previous Site Name:		***Y:***	45.427427
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans		

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57 | ***1 of 1*** | ***SW/218.5*** | ***72.2 / -0.67*** | ***238 Laurier Ave E Ottawa ON K1N6P2*** | ***EHS***

Order No:	20150105038	***Nearest Intersection:***	
Status:	C	***Municipality:***	City of Ottawa
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	09-JAN-15	***Search Radius (km):***	.25
Date Received:	05-JAN-15	***X:***	-75.681194
Previous Site Name:		***Y:***	45.425825
Lot/Building Size:	3484 ft2		
Additional Info Ordered:	Topographic Maps; City Directory; Aerial Photos		

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58 | ***1 of 1*** | ***SSW/220.9*** | ***72.9 / 0.02*** | ***Nelson Place Apartments Inc. 305 Nelson St Ottawa ON K2C 1V1*** | ***ECA***

Approval No:	6360-79LKH7	***MOE District:***	Ottawa
Approval Date:	2007-12-05	***City:***	
Status:	Approved	***Longitude:***	-75.68024
Record Type:	ECA	***Latitude:***	45.42553
Link Source:	IDS	***Geometry X:***	
SWP Area Name:	Rideau Valley	***Geometry Y:***	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Business Name:	Nelson Place Apartments Inc.		
Address:	305 Nelson St		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6240-73WS3C-14.pdf		

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59 | ***1 of 1*** | ***WSW/221.5*** | ***71.9 / -1.00*** | ***290 Nelson St Ottawa ON K1N7S3*** | ***EHS***

Order No:	20170302053	***Nearest Intersection:***	
Status:	C	***Municipality:***	OTTAWA
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	07-MAR-17	***Search Radius (km):***	.25
Date Received:	02-MAR-17	***X:***	-75.682029
Previous Site Name:		***Y:***	45.426252
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
60	1 of 1	W/224.4	70.9 / -2.00	145 STEWART ST OTTAWA ON	WWIS

Well ID: 7044708
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z66219
Tag: A056025
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: 6/14/2007
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 3
Owner:
Street Name: 145 STEWART ST
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7044708.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/05/04
Year Completed: 2007
Depth (m): 6
Latitude: 45.4275474961774
Longitude: -75.6827701207134
Path: 704\7044708.pdf

Bore Hole Information

Bore Hole ID: 11767194
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 04-May-2007 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 69.825248
Elevrc:
Zone: 18
East83: 446589.00
North83: 5030674.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 933103730
Layer: 3
Color: 2
General Color: GREY
Mat1: 08
Most Common Material: FINE SAND
Mat2: 06

Mat2 Desc:	SILT
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	3.0
Formation End Depth:	6.0
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933103728
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	01
Mat3 Desc:	FILL
Formation Top Depth:	0.0
Formation End Depth:	0.6000000238418579
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933103729
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	0.6000000238418579
Formation End Depth:	3.0
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933320681
Layer:	2
Plug From:	0.300000011920929
Plug To:	2.40000009536743
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933320682
Layer:	3
Plug From:	2.40000009536743
Plug To:	6
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933320680
Layer:	1
Plug From:	0
Plug To:	0.300000011920929
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	967044708
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	

Pipe Information

Pipe ID:	11774884
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930900579
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3
Casing Diameter:	3.79999995231628
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	933424863
Layer:	1
Slot:	10
Screen Top Depth:	3
Screen End Depth:	6
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.30000019073486

Hole Diameter

Hole ID:	11853811
Diameter:	10.0
Depth From:	0.0
Depth To:	6.0
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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61 | ***1 of 1*** | ***ESE/226.2*** | ***70.9 / -1.97*** | ***323 Chapel St Ottawa ON K1N7Z2*** | ***EHS***

Order No:	20140826077	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	02-SEP-14	**Search Radius (km):**	.25

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

Date Received:	26-AUG-14	**X:**	-75.677103
Previous Site Name:		**Y:**	45.426752
Lot/Building Size:			
Additional Info Ordered:			

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62 | **1 of 1** | **WNW/227.0** | **70.0 / -2.86** | **EASTVIEW FUEL**
231 DALY AVE TANK TRUCK (CARGO)
OTTAWA CITY ON K1N 6G1 | **SPL**

Ref No:	74283	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	7/30/1992	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	CONTAINER OVERFLOW	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	CONFIRMED	**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:	7/30/1992	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	ERROR	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	EASTVIEW FUEL: 25-50 L FURNACE OIL SPILLED TO GRNDFROM TRUCK.		
Contaminant Qty:			

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63 | **1 of 4** | **W/228.5** | **70.9 / -2.00** | **145 Stewart St Ottawa ON**
Ottawa ON K1N 6J4 | **EHS**

Order No:	20200513072	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	19-MAY-20	**Search Radius (km):**	.25
Date Received:	13-MAY-20	**X:**	-75.682816
Previous Site Name:		**Y:**	45.4277112
Lot/Building Size:			
Additional Info Ordered:			

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63 | **2 of 4** | **W/228.5** | **70.9 / -2.00** | **145 Stewart St Ottawa ON**
Ottawa ON K1N 6J4 | **EHS**

Order No:	20200513072	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	19-MAY-20	**Search Radius (km):**	.25
Date Received:	13-MAY-20	**X:**	-75.682816
Previous Site Name:		**Y:**	45.4277112
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
63	3 of 4	W/228.5	70.9 / -2.00	145 Stewart St Ottawa ON Ottawa ON K1N 6J4	EHS

Order No:	20200513072	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	19-MAY-20	**Search Radius (km):**	.25
Date Received:	13-MAY-20	**X:**	-75.682816
Previous Site Name:		**Y:**	45.4277112
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
63	4 of 4	W/228.5	70.9 / -2.00	145 Stewart St Ottawa ON Ottawa ON K1N 6J4	EHS

Order No:	20200513072	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	19-MAY-20	**Search Radius (km):**	.25
Date Received:	13-MAY-20	**X:**	-75.682816
Previous Site Name:		**Y:**	45.4277112
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
64	1 of 1	NNW/230.5	70.9 / -2.00	265 Ottawa ON	WWIS

Well ID:	7220779	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	5/27/2014
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7328
Casing Material:		**Form Version:**	7
Audit No:	Z171268	**Owner:**	
Tag:	A110631	**Street Name:**	265
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/722\7220779.pdf

Additional Detail(s) (Map)

Well Completed Date:	2012/12/05
Year Completed:	2012
Depth (m):	6.1
Latitude:	45.4295579154964
Longitude:	-75.6807361707331
Path:	722\7220779.pdf

Bore Hole Information

Bore Hole ID:	1004779119	**Elevation:**	69.475654
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446750.00
Code OB Desc:		**North83:**	5030896.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	05-Dec-2012 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005172358
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	84
Mat3 Desc:	SILTY
Formation Top Depth:	3.069999933242798
Formation End Depth:	6.099999904632568
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005172355
Layer:	1
Color:	2
General Color:	GREY
Mat1:	12
Most Common Material:	STONES
Mat2:	
Mat2 Desc:	
Mat3:	01
Mat3 Desc:	FILL
Formation Top Depth:	0.0
Formation End Depth:	0.46000000834465027
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005172356
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	05
Mat3 Desc:	CLAY

Formation Top Depth: 0.46000000834465027
Formation End Depth: 2.9000000953674316
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005172357
Layer: 3
Color: 2
General Color: GREY
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.9000000953674316
Formation End Depth: 3.069999933242798
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005172365
Layer: 1
Plug From: 0
Plug To: 2.79999995231628
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005172364
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1005172354
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1005172362
Layer: 1
Slot: 10
Screen Top Depth: 3.09999990463257
Screen End Depth: 6.09999990463257
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 3.79999995231628

Water Details

Water ID: 1005172360
Layer: 1

Kind Code: 8
Kind: Untested
Water Found Depth: 5.599999904632568
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005172359
Diameter: 8.890000343322754
Depth From: 0.0
Depth To: 6.099999904632568
Hole Depth UOM: m
Hole Diameter UOM: cm

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65 | **1 of 1** | **W/231.3** | **70.9 / -2.00** | **145 STEWART ST OTTAWA ON** | **WWIS**

Well ID: 7044688
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z66263
Tag: A050212
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: 6/14/2007
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 3
Owner:
Street Name: 145 STEWART ST
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7044688.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/05/22
Year Completed: 2007
Depth (m): 7.32
Latitude: 45.4273670254918
Longitude: -75.6828446446583
Path: 704\7044688.pdf

Bore Hole Information

Bore Hole ID: 11767174
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 22-May-2007 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:

Elevation: 69.742530
Elevrc:
Zone: 18
East83: 446583.00
North83: 5030654.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

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

Overburden and Bedrock Materials Interval

Formation ID: 933103677
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 28
Mat2 Desc: SAND
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 0.6100000143051147
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933103678
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: 0.6100000143051147
Formation End Depth: 3.6600000858306885
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933103679
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3:
Mat3 Desc:
Formation Top Depth: 3.6600000858306885
Formation End Depth: 7.320000171661377
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933320624
Layer: 3
Plug From: 3.66000008583069

Plug To: 7.32000017166138
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933320622
Layer: 1
Plug From: 0
Plug To: 0.300000011920929
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933320623
Layer: 2
Plug From: 0.300000011920929
Plug To: 3.66000008583069
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 967044688
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11774864
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930900560
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 4.26999998092651
Casing Diameter: 3.80999994277954
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933424844
Layer: 1
Slot: 10
Screen Top Depth: 4.26999998092651
Screen End Depth: 7.32000017166138
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 3.67000007629395

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

Hole Diameter

Hole ID:	11853792
Diameter:	8.890000343322754
Depth From:	0.0
Depth To:	7.320000171661377
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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66 ***1 of 3*** ***SW/234.8*** ***71.9 / -1.00*** ***MEDICAL SCIENCES LABORATORIES*** ***GEN***
221 LAURIER AVENUE EAST
OTTAWA ON K1N 6P1

Generator No:	ON0245803	***PO Box No:***	
Status:		***Country:***	
Approval Years:	86,87,88,89,90	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	8681		
SIC Description:	MEDICAL LABORATORIES		

Detail(s)

Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES

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66 ***2 of 3*** ***SW/234.8*** ***71.9 / -1.00*** ***MEDICAL (OUT OF BUSINESS) 26-159*** ***GEN***
221 LAURIER AVENUE EAST
OTTAWA ON K1N 6P1

Generator No:	ON0245803	***PO Box No:***	
Status:		***Country:***	
Approval Years:	92,93,94,95,96,97	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	8681		
SIC Description:	MEDICAL LABORATORIES		

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66 ***3 of 3*** ***SW/234.8*** ***71.9 / -1.00*** ***MEDICAL SCIENCES LABS (OUT OF BUSINESS)*** ***GEN***
221 LAURIER AVENUE EAST
OTTAWA ON K1N 6P1

Generator No:	ON0245803	***PO Box No:***	
Status:		***Country:***	
Approval Years:	98	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	8681		
SIC Description:	MEDICAL LABORATORIES		

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67 ***1 of 2*** ***SE/237.3*** ***71.4 / -1.43*** ***50 Russell Ave*** ***EHS***
Ottawa ON K1N 7W8

Order No:	20010904002	***Nearest Intersection:***	Laurier Ave/ Osgoode
Status:	C	***Municipality:***	
Report Type:	Complete Report	***Client Prov/State:***	ON
Report Date:	9/11/01	***Search Radius (km):***	0.25
Date Received:	9/4/01	***X:***	-75.678257
Previous Site Name:		***Y:***	45.425842
Lot/Building Size:	see map		
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
67	2 of 2	SE/237.3	71.4 / -1.43	50 Russell Ave Ottawa ON K1N7W8	EHS

Order No:	20130514039	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	23-MAY-13	**Search Radius (km):**	.25
Date Received:	14-MAY-13	**X:**	-75.678432
Previous Site Name:		**Y:**	45.4257
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
68	1 of 1	NW/237.9	71.0 / -1.92	C.I.G. Heating and Air Conditioning 275 Friel St Ottawa ON	GEN

Generator No:	ON7860278	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2013	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	416120		
SIC Description:	PLUMBING, HEATING AND AIR-CONDITIONING EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS		

Detail(s)

Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
69	1 of 2	E/240.1	70.7 / -2.19	Enbridge Gas Distribution Inc. 5 Blackburn Avenue Ottawa ON K1N 8A2	SPL

Ref No:	2608-8TUQQ8	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	30-APR-12	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Discharge or Emission to Air	**Sector Type:**	Pipeline
Incident Event:		**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	5 Blackburn Avenue
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:	Air Pollution	**Site Lot:**	
Receiving Medium:	Sewage - Municipal/Private and Commercial	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	Not MOE mandate	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	30-APR-12	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	TSSA - Fuel Safety Branch
Incident Reason:	Spill	**Source Type:**	
Site Name:	Private Residence <UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA FSB: Evacuation of 4 homes, 1 commercial bldg		
Contaminant Qty:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
69	2 of 2	E/240.1	70.7 / -2.19	5 Blackburn Avenue, Ottawa ON	PINC

Incident ID:		**Fuel Category:**	Natural Gas
Incident No:	801266	**Health Impact:**	
Incident Reported Dt:		**Environment Impact:**	
Type:	FS-Pipeline Incident	**Property Damage:**	Yes
Status Code:	Pipeline Damage Reason Est	**Service Interupt:**	
Customer Acct Name:		**Enforce Policy:**	No
Incident Address:		**Public Relation:**	
Tank Status:	RC Established	**Pipeline System:**	
Task No:	3816273	**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:	2012/04/30	**Method Details:**	E-mail
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	5 Blackburn Avenue, Ottawa - 1" Pipeline Hit		
Reported By:	Michael Gruttner - Enbridge-Ottawa		
Affiliation:			
Occurrence Desc:			
Damage Reason:	Deteriorated facility		
Notes:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
70	1 of 1	E/243.2	69.9 / -2.95	OTTAWA HYDRO 14 BLACKBURN AVE. TRANSFORMER OTTAWA CITY ON K1N 8A3	SPL

Ref No:	101640	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	6/21/1994	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	COOLING SYSTEM LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	POSSIBLE	**Site Municipality:**	20101
Nature of Impact:	Soil contamination	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	6/21/1994	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	MATERIAL FAILURE	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OTTAWA HYDRO: 0.5L PCB TRANSFORMER OIL LEAK FROMPOLE MOUNT TRANSFORMER		
Contaminant Qty:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
71	1 of 1	N/244.1	71.8 / -1.05	309/311 Daly Ave Ottawa ON K1N 6G6	EHS

Order No:	20010322009	**Nearest Intersection:**	Chapel St.

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

Status:	C	**Municipality:**	
Report Type:	Complete Report	**Client Prov/State:**	ON
Report Date:	3/29/01	**Search Radius (km):**	0.25
Date Received:	3/22/01	**X:**	-75.679617
Previous Site Name:		**Y:**	45.429808
Lot/Building Size:	see map		
Additional Info Ordered:			

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72 | 1 of 2 | NW/249.7 | 70.0 / -2.86 | **PIPELINE HIT - 1/2"**
334 BESSERER ST,,OTTAWA,ON,K1N 6B5,CA
ON | PINC

Incident ID:		**Fuel Category:**	Natural Gas
Incident No:	1895348	**Health Impact:**	
Incident Reported Dt:	6/29/2016	**Environment Impact:**	
Type:	FS-Pipeline Incident	**Property Damage:**	No
Status Code:		**Service Interupt:**	
Customer Acct Name:	PIPELINE HIT - 1/2"	**Enforce Policy:**	Yes
Incident Address:	334 BESSERER ST,,OTTAWA,ON,K1N 6B5, CA	**Public Relation:**	
Tank Status:	Pipeline Damage Reason Est	**Pipeline System:**	
Task No:	6231754	**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:	2016/07/21	**Method Details:**	E-mail
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	334 BESSERER ST, OTTAWA - PIPELINE HIT - 1/2"		
Reported By:	Bernie Monette - ENBRIDGE		
Affiliation:			
Occurrence Desc:			
Damage Reason:	Facility was not located or marked		
Notes:			

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72 | 2 of 2 | NW/249.7 | 70.0 / -2.86 | **Enbridge Gas Distribution Inc.**
334 Bessere St
Ottawa ON | SPL

Ref No:	4518-ABDQ2Z	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2016/06/29	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Communal
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	334 Bessere St
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2016/06/29	**Site Map Datum:**	
Dt Document Closed:	2016/08/10	**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	

Site Name:	residential<UNOFFICIAL>
Site County/District:	
Site Geo Ref Meth:	
Incident Summary:	TSSA: 1/2" line strike -made safe
Contaminant Qty:	0 other - see incident description

Unplottable Summary

Total: 27 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Laurier Avenue E. Waller Street to Nelson Street	City of Ottawa ON	
CA		Road Allowance on Daly Avenue	Ottawa ON	
CA		Laurier Avenue E. Waller Street to Nelson Street	City of Ottawa ON	
CA		Laurier Avenue Bridge	Ottawa ON	
CA	CITY	FRIEL ST.	OTTAWA ON	
CA	CITY	SWEETLAND AVE.	OTTAWA ON	
CA	REG.MUN.OF OTTAWA-CARLETON	SWEETLAND AVE.	OTTAWA ON	
CA	OTTAWA CITY	STEWART ST./WILBROD ST.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	CUMMINGS BRIDGE, LOT C/CON.D	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON NELSON ST.	NELSON ST.	OTTAWA CITY ON	
CA	CITY OF OTTAWA NON-PROFIT HSG. CORP.	CHAPEL ST./STM-WATER MGT.	OTTAWA CITY ON	
CA	OTTAWA CITY	NELSON STREET	OTTAWA CITY ON	
CA	OTTAWA CITY	CHAPEL STREET	OTTAWA CITY ON	
CA	OTTAWA CITY NELSON AND WILBROD ST.	NELSON ST.	OTTAWA CITY ON	
CA		Road Allowance on Daly Avenue	Ottawa ON	
CA	Chapel / Blackburn	Blackburn Avenue - Chapel Street	Ottawa ON	
CA	Chapel / Blackburn	Blackburn Avenue - Chapel Street	Ottawa ON	
CA	Chapel / Blackburn	Blackburn Avenue - Chapel Street	Ottawa ON	

CA		Laurier Avenue E. Waller Street to Nelson Street	City of Ottawa ON	
CA	OTTAWA CITY (I. BHATIA)	RUSSELL AVE.	OTTAWA CITY ON	
CA	OTTAWA CITY	BLACKBURN AVE.	OTTAWA CITY ON	
ECA	City of Ottawa	Stewart Street (east of King Street and west of Friel Street)	Ottawa ON	K1P 1J1
ECA	City of Ottawa	Laurier Avenue Bridge	Ottawa ON	K1P 1J1
GEN	CONSEIL DES ECOLES PUBLIQUES DE L'EST DE L'ONTARIO	OTTAWA	OTTAWA ON	K1K 1L8
SPL		Blackburn	Ottawa ON	
SPL	EASTVIEW FUEL	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL		East bound Blackburn Bypass	Ottawa ON	

Unplottable Report

Site:
Laurier Avenue E. Waller Street to Nelson Street City of Ottawa ON

Database:
CA

Certificate #:	7147-4Y6Q6B
Application Year:	01
Issue Date:	7/31/01
Approval Type:	Municipal & Private water
Status:	Revoked and/or Replaced
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:	watermains and appurtenances on Laurier Avenue from Waller Street to Nelson Street
Contaminants:	
Emission Control:	

Site:
Road Allowance on Daly Avenue Ottawa ON

Database:
CA

Certificate #:	3704-5C7L7U
Application Year:	02
Issue Date:	7/22/02
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	The Corporation of the City of Ottawa
Client Address:	110 Laurier Avenue West
Client City:	Ottawa
Client Postal Code:	K1P 1J1
Project Description:	This application is for the construction of sanitary sewers, storm sewers and appurtenances on Daly Avenue.
Contaminants:	
Emission Control:	

Site:
Laurier Avenue E. Waller Street to Nelson Street City of Ottawa ON

Database:
CA

Certificate #:	7015-4Y6PUV
Application Year:	01
Issue Date:	7/6/01
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:	Rehabilitation of Storm and Sanitary sewers and sewer service connections on Laurier Avenue East from Waller Street to Nelson Street
Contaminants:	
Emission Control:	

Site:
Laurier Avenue Bridge Ottawa ON

Database:
CA

Certificate #:	9814-563QFZ

Application Year: 02
Issue Date: 1/7/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: Storm sewers to be constructed on Laurier Avenue, Queen Elizabeth Driveway, Colonel By Drive and Nicholas Street
Contaminants:
Emission Control:

Site: ***CITY***
FRIEL ST. OTTAWA ON

Database: ***CA***

Certificate #: 3-0497-85-006
Application Year: 85
Issue Date: 5/27/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CITY***
SWEETLAND AVE. OTTAWA ON

Database: ***CA***

Certificate #: 3-0390-85-006
Application Year: 85
Issue Date: 5/15/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***REG.MUN.OF OTTAWA-CARLETON***
SWEETLAND AVE. OTTAWA ON

Database: ***CA***

Certificate #: 7-0138-85-006
Application Year: 85
Issue Date: 3/15/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***OTTAWA CITY***
STEWART ST./WILBROD ST. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0075-99-
Application Year: 99
Issue Date: 2/15/1999
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***
CUMMINGS BRIDGE, LOT C/CON.D OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0350-96-
Application Year: 96
Issue Date: 6/20/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF OTTAWA-CARLETON NELSON ST.***
NELSON ST. OTTAWA CITY ON

Database: ***CA***

Certificate #: 7-0764-88-
Application Year: 88
Issue Date: 6/14/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CITY OF OTTAWA NON-PROFIT HSG. CORP.***
CHAPEL ST./STM-WATER MGT. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1738-91-
Application Year: 91
Issue Date: 11/18/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:

Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***OTTAWA CITY***
NELSON STREET OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1856-89-
Application Year: 89
Issue Date: 9/15/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***OTTAWA CITY***
CHAPEL STREET OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0875-89-
Application Year: 89
Issue Date: 5/26/1989
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 NELSON AND WILBROD ST.***
NELSON ST. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0886-88-
Application Year: 88
Issue Date: 6/17/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:
Road Allowance on Daly Avenue Ottawa ON

Database: ***CA***

Certificate #: 2925-5BWNRC
Application Year: 02
Issue Date: 7/19/02
Approval Type: Municipal & Private water

Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: This application is for the construction of watermains and apputenances on Daly Avenue and Cumberland Avenue.
Contaminants:
Emission Control:

Site: ***Chapel / Blackburn***
Blackburn Avenue - Chapel Street Ottawa ON

Database: ***CA***

Certificate #: 0963-5B9HS6
Application Year: 02
Issue Date: 6/19/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 1495 Heron Road
Client City: Ottawa
Client Postal Code: K1V 6A6
Project Description: Approval is sought for the construction of storm and sanitary sewers on Chapel Street and Blackburn Avenue.
Contaminants:
Emission Control:

Site: ***Chapel / Blackburn***
Blackburn Avenue - Chapel Street Ottawa ON

Database: ***CA***

Certificate #:
Application Year: 02
Issue Date: 6/19/02
Approval Type: Municipal & Private water
Status: Cancelled
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 1495 Heron Road
Client City: Ottawa
Client Postal Code: K1V 6A6
Project Description: Approval is sought for the construction of watermains on Chapel Street and Blackburn Avenue.
Contaminants:
Emission Control:

Site: ***Chapel / Blackburn***
Blackburn Avenue - Chapel Street Ottawa ON

Database: ***CA***

Certificate #: 2328-5B9JEF
Application Year: 02
Issue Date: 6/19/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 1495 Heron Road
Client City: Ottawa
Client Postal Code: K1V 6A6
Project Description: Approval is sought for the construction of watermains on Chapel Street and Blackburn Avenue.
Contaminants:
Emission Control:

Site:
Laurier Avenue E. Waller Street to Nelson Street City of Ottawa ON

Database: ***CA***

Certificate #: 1157-4Z5RNN
Application Year: 01
Issue Date: 7/31/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: Amended CofA
Client Name: Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West, Fourth Floor
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: Notice of changes to existing Certificate of Approval # 6268-4Y6L9N
Contaminants:
Emission Control:

Site: ***OTTAWA CITY (I. BHATIA)***
RUSSELL AVE. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1218-86-
Application Year: 86
Issue Date: 8/22/1986
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***
BLACKBURN AVE. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0787-87-
Application Year: 87
Issue Date: 5/28/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Stewart Street (east of King Street and west of Friel Street) Ottawa ON K1P 1J1

Database: ***ECA***

Approval No: 1382-AHNUJG
Approval Date: 2017-02-07
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: City of Ottawa
Address: Stewart Street (east of King Street and west of Friel Street)
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6866-ADAS6E-14.pdf

Site: ***City of Ottawa***
Laurier Avenue Bridge Ottawa ON K1P 1J1

Database: ***ECA***

Approval No:	9814-563QFZ	***MOE District:***	
Approval Date:	2002-01-07	***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:	Laurier Avenue Bridge		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5140-55ZNGX-14.pdf		

Site: ***CONSEIL DES ECOLES PUBLIQUES DE L'EST DE L'ONTARIO***
OTTAWA OTTAWA ON K1K 1L8

Database: ***GEN***

Generator No:	ON1477723	***PO Box No:***	
Status:		***Country:***	
Approval Years:	04	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	611110		
SIC Description:	Elementary and Secondary Schools		

Site:
Blackburn Ottawa ON

Database: ***SPL***

Ref No:	3683-BCDTQ4	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	5/20/2019	***Health/Env Conseq:***	2 - Minor Environment
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	Blackburn
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Eastern
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	5/21/2019	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Pollution Incident Reports (PIRs) and "Other" calls
Incident Reason:		***Source Type:***	
Site Name:	42 Oakhurst Cres<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TIPS autobody shop storing oil improperly in residential neighbourhood		
Contaminant Qty:			

Site: ***EASTVIEW FUEL***
TANK TRUCK (CARGO) OTTAWA CITY ON

Database: ***SPL***

Ref No:	112	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/6/1988	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	

Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/6/1988	***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:	FURNACE FUEL TO ROADWAY.		
Contaminant Qty:			

Site:

East bound Blackburn Bypass Ottawa ON

Database:
SPL

Ref No:	3485-76WGND	***Discharger Report:***	
Site No:		***Material Group:***	Oil
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Discharges	***Sector Type:***	Other Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/10/2007	***Site Map Datum:***	
Dt Document Closed:	9/14/2007	***SAC Action Class:***	
Incident Reason:	Spill	***Source Type:***	
Site Name:	OC Transpo Bus Spill<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC Transpo: DSL to road and ditch		
Contaminant Qty:	10 L		

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-May 31, 2021

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Jul 31, 2020

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-May 31, 2021

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-May 31, 2021

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- May 31, 2021

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Jan 31, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land 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-Apr 30, 2021

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing 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-May 31, 2021

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Oct 31, 2020

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-May 31, 2021

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2018

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

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

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Dec 31, 2020

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Aug 2020

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2018

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-May 31, 2021

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Apr 30, 2021

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

paterson group
solution oriented engineering

Nick Sullivan, B.Sc.
Environmental Geoscientist

Nick joined Paterson Group in September 2018 as part of the Environmental Department. Nick received his Bachelor of Science Degree from McMaster University in 2016, specializing in Earth & Environmental Science. Following graduation, Nick received a post-graduate certificate from Niagara College in 2017, specializing in Environmental Management & Assessment. Since joining Paterson Group in 2018, Nick has worked on numerous residential and commercial development projects, predominantly within the National Capital Region as well as various locations within Southeastern Ontario. His scope of work consists of conducting Phase I & II environmental site assessments, field inspections, contaminated soil and groundwater field sampling, supervising the remediation of contaminated sites, as well as performing designated substance surveys.

EDUCATION

Bachelor of Science in Earth & Environmental Science, 2016
McMaster University, Hamilton, ON

Post-Graduate Certificate in Environmental Management & Assessment, 2017, Niagara College, Niagara-on-the-Lake, ON

YEARS OF EXPERIENCE

With Paterson: 4

OFFICE LOCATION

154 Colonnade Road South, Nepean, Ontario, K2E 7J5

SELECT LIST OF PROJECTS

- Caivan Communities: The Ridge, Ottawa, ON (Site Remediation Coordinator & Supervisor).
- Residential High-Rise Development: 851 Richmond Road, Ottawa, ON (Site Remediation Coordinator & Supervisor)
- National Capital Business Park: 4055 & 4120 Russell Road, Ottawa, ON (Phase I & II Environmental Site Assessment)
- Residential High-Rise Development: 125 Hickory Street, Ottawa, ON (Phase I & II Environmental Site Assessment)
- Low-Rise Residential Development: 101 Pinhey Street, Ottawa, ON (Site Remediation Coordinator & Supervisor)
- High-Rise Residential Development: 2070 Scott Street, Ottawa, ON (Phase I & II Environmental Site Assessment)
- Mixed-Use Development: 875 Montreal Road, Ottawa, ON (Phase I & II Environmental Site Assessment)
- Kanata West Business Park, Ottawa, ON (Phase I Environmental Site Assessment)

PROFESSIONAL EXPERIENCE

September 2018 to present, **Environmental Geoscientist, Paterson Group,** Ottawa, Ontario

- Conducting Phase I and Phase II Environmental Site Assessments in accordance with CSA standards and O.Reg. 153/04.
- Responsible for the application of environmental, hydrogeological, and/or geotechnical principles and practices in the identification and delineation of soil and groundwater contamination plumes while ensuring compliance with federal, provincial, and/or municipal legal and regulatory requirements.
- Presenting analytical test results, interpretations, assessments, recommendations and/or conclusions in a final technical report.
- Field experience in the supervision of drilling and excavation contractors, inspection of aboveground and underground fuel storage tanks, soil and rock classification, soil and groundwater field sampling, as well as the collection of hazardous building materials and designated substances.
- Coordination and on-site supervision of soil and groundwater remediation activities for contaminated sites.
- Liaising with clients, contractors, consultants, and government officials.
- Coordination of contractors and field staff while directly reporting to senior management and client to ensure completion of project on schedule and within budget.

paterson group
solution oriented engineering

Adrian Menyhart
P.Eng, ing., QP$_{esa}$

Adrian received his Bachelor of Engineering from Carleton University in 2011, with a specialization in environmental engineering, and joined Paterson Group shortly after graduation. Over the next seven years, Adrian gained significant experience in all aspects of environmental engineering beginning with field work and later, with reporting and project management. In 2018, Adrian joined the National Research Council as an environmental officer, working in the field of polyfluoroalkyl substances (PFAS) at the National Fire Laboratory. Following the National Research Council, Adrian returned to consulting at WSP Canada Inc. At WSP, Adrian assisted the Ottawa environmental group as a project manager, managing large and small federal environmental projects such as the investigations for the proposed Alexandra interprovincial bridge. Finally, after two years away, Adrian returned to Paterson Group as a senior project manager within the environmental department.

Adrian has filed multiple Records of Site Condition with the Ontario Ministry of the Environment, Conservation and Parks and is knowledgeable with respect to Ontario's On-site and Excess Soil Regulation. Fluently bilingual, Adrian holds engineering licenses in both Ontario and Quebec, as well as being a Qualified Person in the Province of Ontario.

EDUCATION
B.Eng. 2011, Environmental Engineering, Carleton University, Ottawa, ON

LICENCE/ PROFESSIONAL AFFILIATIONS
Ordre des Ingénieurs du Québec
Professional Engineers of Ontario
Ottawa Geotechnical Group

YEARS OF EXPERIENCE
10 years

WSP Canada Inc.
2019-2020

National Research Council
2018-2019

Paterson Group
2011 – 2018

OFFICE LOCATION
Paterson's Ottawa Office

SELECT LIST OF PROJECTS

- PSPC, Alexandra Bridge Replacement, Phase II ESA, Ottawa/Gatineau – provided oversight of the Phase I and Phase II program for the bridge replacement program.
- PSPC/BGIS, Finance Building and Annex – Tunney's Pasture, Phase II ESA – Oversaw the planning, reporting and completion of a Phase II ESA within the project buildings.
- Canada Lands Corporation, 530 Tremblay Avenue, Oversaw the planning, reporting and completion of a Phase I ESA, and planning requirements of a Phase II ESA.
- National Fire Laboratory, PFAS investigation – Provided technical support for the National Research Council, with respect to the ongoing PFAS investigation.
- Ottawa Arts Gallery Expansion, Ottawa, ON (remediation supervisor) – Provided guidance in the segregation of soils on the site, managing contaminated and clean materials, providing daily correspondence with the client. Successfully filed a Record of Site Condition for the property.
- Conducted and managed numerous designated substance surveys and asbestos surveys throughout Ontario and Quebec, for private and federal clients.
- Conducted and managed numerous air sampling programs, collecting samples for environmental parameters such as asbestos, lead and mould, and preparing reports.
- Conducted and managed Phase I and II Environmental Site Assessments across Ontario and Quebec

PROFESSIONAL EXPERIENCE

November 2020 to Present, **Environmental Engineer, Paterson Group Inc.,** Ottawa, Ontario

- Coordination, preparation and management of Phase I and Phase II Environmental Site Assessment.
- Coordination, preparation and managed Designated Substance Surveys and indoor air quality assessments.
- Preparation of soil and groundwater remediation plans.
- Filing records of site condition with the Ontario Ministry of the Environment, Conservation and Parks.
- Implementation of Excess Soil Regulations, Ontario.

March 2019 to 2020, **Environmental Engineer, WSP Canada Inc.,** Ottawa, Ontario

- Coordinated, prepared Phase I and Phase II Environmental Site Assessments for Federal and private clients.
- Coordinated, prepared and managed Designated Substance Surveys for various Federal and private clients, in both English and French.
- Managed all projects from preparation of proposals, to final invoicing.

September 2018 to 2019, **Environmental Officer, National Research Council,** Ottawa, Ontario

- Oversaw on-going PFAS investigation program at the National Fire Laboratory in Almonte, Ontario, being carried out by NRC consultants.
- Reviewed and commented on deliverables prepared by consultants, while coordinating with internal legal, communications, and presidential departments within the NRC.
- Corresponded with area residents surrounding the Laboratory.
- Coordinated potable water supply program.

September 2011 to 2018, **Environmental Engineer, Paterson Group Inc.,** Ottawa, Ontario

- Prepare, revise and submit all documentation and reports for the successful filing of Records of Site Condition with the Ministry of the Environment and Climate Change
- Provide on-site environmental expertise for remediation projects including Ottawa Arts Gallery, Rideau Centre Expansion and Tall Ships Landing, among various small scale remediation project within the greater Ottawa area.
- Coordinate field programs and prepare reports for Phase I and II projects across Ontario and Quebec.
- Oversee environmental investigations for drilling and test pitting on numerous proposed utility installations, residential and commercial developments.
- Conduct designated substance surveys in Ontario and Quebec.
- Coordinate air sampling programs for various environmental parameters, comparing results with regulatory standards and other guidelines.
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations for environmental concerns.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for environment field programs and construction costs.

June to September from 2009 to 2011, **Inspector, Canadian Food Inspection Agency,** Ottawa, Ontario

- Conducted the trapping program for the Emerald Ash Borer across Eastern Ontario.
- Assisted in the preparation and training of other inspectors for the trapping program.
- Conducted inspections for restricted wood products at various campgrounds.
- Assisted other inspectors in inspecting shipments of wood products from other countries, in certain cases, seizing and disposing of items.
- Compiling data and preparing reports.