



Geotechnical
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Building Science

Phase I - Environmental Site Assessment

1 Old Sunset Boulevard
Ottawa, Ontario

Prepared For

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TABLE OF CONTENTS

	PAGE
EXECUTIVE SUMMARY.....	ii
1.0 INTRODUCTION	1
2.0 PROPERTY INFORMATION	2
3.0 SCOPE OF INVESTIGATION.....	3
4.0 RECORDS REVIEW.....	4
4.1 General.....	4
4.2 Environmental Source Information	5
4.3 Physical Setting Sources	10
5.0 PERSONAL INTERVIEWS	13
6.0 SITE RECONNAISSANCE	14
6.1 General Requirements.....	14
6.2 Site Inspection Observations	14
7.0 REVIEW AND EVALUATION OF INFORMATION	18
7.1 Land Use History	18
7.2 Conceptual Site Model.....	18
8.0 CONCLUSIONS	21
9.0 STATEMENT OF LIMITATIONS.....	23
10.0 REFERENCES	24

List of Figures

Figure 1 – Key Plan
Figure 2 – Topographic Map
Drawing PE5617-1 – Site Plan
Drawing PE5617-2 – Surrounding Land Use Plan

List of Appendices

Appendix 1 Aerial Photographs
Site Photos

Appendix 2 MECP Freedom of Information Search Results
MECP Water Well Records
TSSA Correspondence
City of Ottawa HLUI Search Results
ERIS Database Report

Appendix 3 Qualifications of Assessors

EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Mr. Derick Cotnam to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for the property addressed 1 Old Sunset Boulevard, 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 Phase I Property.

Based on a review of available historical information, the Phase I Property was first developed with the existing residential dwelling sometime in the 1910's/1920's, and has been used for residential purposes since that time. No environmental concerns were identified with respect to the historical use of the Phase I Property.

The surrounding lands within the Phase I Study Area have historically been developed for residential purposes, though in the early-1900's a lumber yard was formerly present on the lands to the north of the Phase I Property. Based on its nature, as well as its down-gradient orientation, this former lumber yard is not considered to pose an environmental concern to the Phase I Property.

Presently, the Phase I Property is occupied with a two storey residential dwelling. No environmental concerns were identified with respect to the current use of the Phase I Property.

The surrounding lands within the Phase I Study Area consist of a combination of residential and parkland properties. No environmental concerns were identified with respect to the current use of the neighbouring properties.

Based on the findings of this assessment, it is our opinion that **a Phase II – Environmental Site Assessment will not be required for the Phase I Property.**

Recommendations

Based on the age of the subject building, asbestos containing building materials may be present within the structure. Potential ACMs observed at the time of the site inspection include the drywall joint compound, vinyl floor tiles, and exterior stucco finish. These building materials were observed to be in good condition at the time of the site inspection and do not represent an immediate concern. An asbestos survey of the subject buildings should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to any demolition activities, if one has not already been conducted.

Based on the age of the subject building, lead-based paints may be present on any original or older painted surfaces. It is recommended that paint be tested for lead content prior to its disturbance. Major work involving lead-based paint or other lead-containing products must be done in accordance with Ontario regulation 490/09, under the Occupational Health and Safety Act.

It is recommended that a designated substance survey (DSS) be carried out for the subject building prior to any future renovation or demolition activities.

1.0 INTRODUCTION

At the request of Mr. Derick Cotnam, Paterson Group (Paterson) conducted a Phase I – Environmental Site Assessment (Phase I ESA) for 1 Old Sunset Boulevard, in the City of Ottawa, Ontario. Henceforth, this property shall be referred to as ‘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. Derick Cotnam, who can be contacted via telephone at 613-227-3303.

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 (reaffirmed 2016). 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

Address:	1 Old Sunset Boulevard, Ottawa, Ontario;
Legal Description:	Part of Lot K, Concession B (Rideau Front), Formerly the Township of Nepean, in the City of Ottawa, Ontario.
Location:	The Phase I Property is located on the northwest side of the intersection of Old Sunset Boulevard and Bronson Avenue, in the City of Ottawa, Ontario. Refer to Figure 1 – Key Plan, appended to this report.
Latitude and Longitude:	45° 23' 50.5" N, 75° 41' 52.0" W.
Site Description:	
Configuration:	Irregular.
Site Area:	280 m ² (approximate).
Zoning:	R1 – Residential First Density Zone.
Current Use:	The Phase I Property is currently occupied by a two storey residential dwelling.
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 269/11 amending O.Reg. 153/04 made under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01 (reaffirmed 2016);
- 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 deemed appropriate for defining the study area for this assignment, henceforth referred to as 'The Phase I Study Area'. Properties located outside of the Phase I Study Area are not considered to have had the potential to impact the Phase I Property, based on their significant distances away from the site.

First Developed Use Determination

Based on a review of available historical information, the Phase I Property was first developed with the existing residential dwelling sometime in the 1910's/1920's.

City of Ottawa Street Directories

City of Ottawa street directories, from 1930 to 2010, were reviewed for the general area of the Phase I Property as part of this assessment.

A review of the directories indicated that the Phase I Property was historically used for residential purposes during the time period reviewed.

The surrounding lands have historically been listed as residential properties.

No potentially contaminating activities (PCAs) were identified in the directories for properties located within the Phase I Study Area.

Fire Insurance Plans

Fire insurance plans (FIPs), dated from 1912, 1925, and 1956, were reviewed for the general area of the Phase I Property as part of this assessment.

Based on a review of these FIPs, the followed observations have been made:

□ 1912 FIPs

At this time, the Phase I Property is depicted as vacant land, while Bronson Avenue can be seen adjacent to the east and a large lumber yard can be seen adjacent to the north.

❑ *1925 FIPs*

At this time, the Phase I Property is depicted as being occupied with the existing residential dwelling, while Old Sunset Boulevard can be seen adjacent to the south. The neighbouring lands also appear to be developed with several additional residential dwellings, including the redevelopment of the former lumber yard to the north.

❑ *1956 FIPs*

No significant changes are apparent with respect to the Phase I Property or the neighbouring lands since the time of the previous FIP.

Potentially contaminating activities (PCAs) identified in the FIPs for properties located within the Phase I Study Area are summarized below in Table 2:

Table 2 Fire Insurance Plans – PCAs Identified Within Phase I Study Area			
Address	Potentially Contaminating Activity	Distance / Orientation from Site	Area of Potential Environmental Concern (Y / N)
1912 FIPs			
No Municipal Address	Former Lumber Yard	Adjacent North	N
1925 FIPs			
567 Cambridge St. S.	Former Contractor's Yard	235 m North	N

Based on their separation distances, as well as their down-gradient or cross-gradient orientations with respect to anticipated groundwater flow, none of the PCAs identified in the FIPs are 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) database was conducted as part of this assessment. This federally managed database provides various reports and tracking information relating to the release of solid, liquid, or gaseous pollutants from industrial facilities into the natural environment.

A search of this database did not identify any pollutant release records pertaining to the Phase I Property or for any properties situated within the Phase I Study Area.

Ontario PCB Waste Storage Site Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, "*Ontario Inventory of PCB Storage Sites, April 1995*" was reviewed as part of this assessment. This document identifies all recorded active and closed PCB waste storage sites situated in the Province of Ontario.

A review of this document did not identify any former PCB waste storage sites situated 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 former waste disposal sites situated on the Phase I Property or within the Phase I Study Area.

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 Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment.

A review of the registry did not identify any Records of Site Condition (RSCs) filed for the Phase I Property or for any properties situated 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 any of the neighbouring properties.

The response from the MECP indicated that no relevant records were identified pertaining to the Phase I Property.

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.

The response from the MECP indicated that no relevant records were identified pertaining to the Phase I Property.

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.

The response from the MECP indicated that no relevant records were identified pertaining to the Phase I Property.

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.

The response from the MECP indicated that no relevant records were identified pertaining to the Phase I Property.

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 fuel storage tanks, spills, and historical incidents for the Phase I Property as well as the neighbouring properties.

The response from the TSSA indicated that no records were identified pertaining to the Phase I Property or for any of the neighbouring properties in the Phase I Study Area.

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

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 via the Ontario Ministry of Natural Resources and Forestry (OMNRF) website.

A review of the available mapping information did not identify any ANSI sites situated on the Phase I Property.

One provincially significant earth science ANSI site (Kippewa Drive – Eastview Limestone) was identified approximately 15 m to the north of the Phase I Property, on the north side of Madawaska Drive.

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. This document identifies the details and locations of all recorded active and closed landfill sites situated in the City of Ottawa.

A review of this document did not identify any active or closed landfill sites situated on the Phase I Property or within the Phase I Study Area.

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.

A review of this document did not identify any former industrial sites situated 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 (HLUI) database for any environmental records pertaining to the Phase I Property as well as any properties situated within the Phase I Study Area.

The response from the City indicated that no relevant records were identified pertaining to the Phase I Property, though several records were identified for other off-site properties situated within a 250 m radius of the Phase I Property. The majority of these records are associated with an abandoned railway as well as a former lumber and building material storage yard on the lands to the north. Based on its nature, as well as its down-gradient orientation with respect to anticipated groundwater flow, this former lumber yard is not considered to pose an environmental concern to the Phase I Property.

A copy of the search results have been included in Appendix 2.

ERIS Database Report

A database report, prepared by ERIS (Environmental Risk Information Services Ltd.), dated February 11, 2022, was acquired and reviewed as part of this assessment. This report provides a compilation of various provincial and federal environmental related records pertaining to any properties situated within the Phase I Study Area.

The complete ERIS report has been included in Appendix 2.

On-Site Records:

The ERIS report did not identify any records associated with the Phase I Property.

Off-Site Records:

The ERIS report identified 42 records associated with off-site properties situated within the Phase I Study Area. Most of the records identified for properties within the immediate vicinity of the Phase I Property generally pertain to compliance approvals granted for municipal sewage works. A review of these records did not identify any environmental concerns with the potential to impact the Phase I Property.

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

4.3 Physical Setting Sources

Aerial Photographs

Historical aerial photographs of the Phase I Study Area were obtained from the National Air Photo Library and reviewed in approximate ten year intervals, beginning with the earliest available photograph.

Based on a review of these photographs, the following observations have been made:

- | | |
|------|---|
| 1931 | The Phase I Property appears to be developed with the existing residential dwelling at this time. The neighbouring lands to the east, south, and west appear to be used for residential purposes, while the lands adjacent to the north appear to be occupied with a lumber yard. Old Sunset Boulevard and Bronson Avenue can be seen in this photograph. |
| 1945 | No significant changes are apparent with respect to the Phase I Property since the time of the previous photograph. The lumber yard to the north appears to be redeveloped with residential dwellings at this time. Madawaska Drive can also be seen in this photograph. |
| 1958 | No significant changes are apparent with respect to the Phase I Property or the surrounding lands since the time of the previous photograph. |
| 1965 | No significant changes are apparent with respect to the Phase I Property or the surrounding lands since the time of the previous photograph. |
| 1976 | No significant changes are apparent with respect to the Phase I Property or the surrounding lands since the time of the previous photograph. |
| 1991 | No significant changes are apparent with respect to the Phase I Property or the surrounding lands since the time of the previous photograph. |
| 2002 | No significant changes are apparent with respect to the Phase I Property or the surrounding lands since the time of the previous photograph. |

- 2011 No significant changes are apparent with respect to the Phase I Property or the surrounding lands since the time of the previous photograph.
- 2019 No significant changes are apparent with respect to the Phase I Property or the surrounding lands since the time of the previous photograph. The Phase I Property and the surrounding lands appear in this photograph as they do today.

Copies of the aerial photographs selected for review are included in Appendix 1.

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 Dow's Lake, located approximately 270 m to the southwest.

Geological Maps

Geological mapping information for the Phase I Property was obtained from The Geological Survey of Canada – Urban Geology of the National Capital Area and reviewed as part of this assessment.

Based on the available mapping information, the bedrock beneath the Phase I Property generally consists of interbedded limestone and shale of the Verulam Formation, whereas the surficial geology consists of offshore marine sediments (erosional terraces) with an overburden ranging in thickness from approximately 5 m to 10 m.

Topographic Maps

A topographic map of the Phase I Property was obtained from the Natural Resources Canada – The Atlas of Canada website and reviewed 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, while the regional topography within the greater area is depicted as sloping downwards to the southwest, in the general direction of Dow's Lake.

An illustration of the referenced topographic map is presented on '*Figure 2 – Topographic Map*', appended to this report.

Physiographic Maps

A physiographic map was obtained from the Natural Resources Canada – The Atlas of Canada website and reviewed as a part of this assessment.

According to the publication and available 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.

MECP Water Well Records

A search of the MECP Well Records website was conducted as part of this assessment. This database provides information for all recorded water wells installed within the Province of Ontario.

A search of the database identified two well abandonment records situated within the Phase I Study Area. Based on the availability of municipal services, no drinking water wells are expected to be present within the Phase I study area.

A review of the aforementioned records did not identify any relevant stratigraphic information pertaining to the Phase I Study Area.

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

5.0 PERSONAL INTERVIEWS

Mr. Derick Cotnam, the current property owner, was available at the time of the site inspection to respond to questioning about the history of the Phase I Property.

According to Mr. Cotnam, the Phase I Property was first developed with the existing residential dwelling sometime prior to the 1920's and has always been used for residential purposes since that time.

Mr. Cotnam was unaware of any potential environmental concerns associated with the Phase I Property or with any of the neighbouring properties situated within the Phase I Study Area.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

A site inspection was carried out for the Phase I Property on February 9, 2022, between 4:00 PM and 5:00 PM. Weather conditions were overcast, with a temperature of approximately -10 °C.

The site inspection was carried out by Mr. Nick Sullivan, from the Environmental Department of Paterson Group.

In addition to the Phase I Property, the present day uses of the 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 occupied with a residential dwelling, located centrally on the site. The remainder of the property largely consists of landscaped areas and an asphaltic concrete driveway.

It should be noted that the Phase I Property was largely snow covered at the time of the site inspection, and as a result, a detailed assessment of the ground surface conditions could not be completed.

The site topography appears to slope significantly downwards to the north, while the regional topography appears to slope gradually downwards to the west, in the general direction of Dow's Lake.

Water drainage on the Phase I Property occurs primarily via infiltration throughout the site, as well as via surface runoff 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 PE5617-1 – Site Plan*", in the Figures section of this report.

Buildings and Structures

The Phase I Property is currently occupied with a two-storey residential dwelling with a partial walk-out basement level.

Built sometime in the 1910's/1920's, the residence is constructed with a concrete block foundation and is finished on the exterior with stucco concrete as well as a flat tar-and-gravel style roof. The residence is currently heated via a natural gas-fired furnace, located in a basement utility room.

Potential Environmental Concerns

Fuels and Chemical Storage

At the time of the site inspection, no chemical storage areas, above ground storage tanks (ASTs), or evidence indicating the presence of any underground storage tanks (USTs), were observed on the Phase I Property.

Hazardous Materials and Unidentified Substances

At the time of the site inspection, 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 Phase I Property.

Polychlorinated Biphenyls (PCBs) and Transformer Oil

At the time of the site inspection, no electrical transformers or any other potential sources of PCBs or transformer oil were identified on the Phase I Property.

Waste Management

At the time of the site inspection, non-hazardous domestic waste and recyclables were observed to be stored in plastic bins inside the garage portion of the subject building.

Interior Assessment

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

- The floors consist of hardwood, vinyl floor tiles, and ceramic tile;
- The walls consist of drywall;
- The ceilings consist of drywall;
- Lighting throughout the building is provided by LED, incandescent, and fluorescent light fixtures.

Potentially Hazardous Building Products

☐ Asbestos-Containing Materials (ACMs)

Based on the age of the subject building, asbestos containing building materials may be present within the structure. Potential ACMs observed at the time of the site inspection include the drywall joint compound, vinyl floor tiles, and exterior stucco finish.

These building materials were observed to be in good condition at the time of the site inspection and do not represent an immediate concern.

☐ Lead-Based Paints

Based on the age of the subject building, lead-based paints may be present on any original or older painted surfaces.

Painted surfaces were generally observed to be in good condition at the time of the site inspection and do not represent an immediate concern.

☐ Polychlorinated Biphenyls (PCBs) and Transformer Oil

At the time of the site inspection, no potential sources of PCBs or transformer oils were identified inside the subject building.

☐ 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

At the time of the site inspection, no aboveground fuel storage tanks or signs of underground fuel storage tanks were observed within the subject building.

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

❑ Ozone Depleting Substances (ODSs)

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

❑ Wastewater Discharges

No sump pits were observed inside the subject building at the time of the site inspection.

Wastewater from the subject building (wash water and sewage) is discharged into the City of Ottawa sanitary sewer system. Roof drainage is discharged via infiltration within the landscaped areas of the property or via surface run-off towards catch basins located on the adjacent streets, which drain into the City of Ottawa storm water sewer system.

Neighbouring Properties

At the time of the site inspection, a survey of the neighbouring properties was conducted from publicly accessible roadways.

Land use adjacent to the Phase I Property was observed as follows:

North: Madawaska Drive, followed by residential dwellings;

South: Old Sunset Boulevard, followed by residential dwellings;

East: Bronson Avenue, followed by residential dwellings;

West: Residential dwellings.

Based on observations made at the time of the site inspection, the present day uses of the neighbouring properties are not considered to pose any potential environmental concern to the Phase I Property.

The neighbouring land use within the Phase I Study Area is depicted on “*Drawing PE5617-2 – 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 the existing residential dwelling sometime in the 1910's/1920's.

Potentially Contaminating Activities (PCAs)

Based on the findings of this Phase I ESA, no PCAs were identified on the Phase I Property.

Two PCAs were identified with respect to off-site properties situated within the Phase I Study Area. These PCAs are described as follows:

- No Municipal Address (adjacent to the north) – Former lumber yard.
- 567 Cambridge Street South (235 m north) – Former contractor's yard.

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 PCAs are considered to pose any environmental concern to the Phase I Property.

Areas of Potential Environmental Concern (APECs)

Based on the findings of this Phase I ESA, no APECs were identified on the Phase I Property.

Contaminants of Potential Concern (CPCs)

Based on the findings of this Phase I ESA, no CPCs were identified on the Phase I Property.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on the available mapping information, the bedrock beneath the Phase I Property generally consists of interbedded limestone and shale of the Verulam Formation, whereas the surficial geology consists of offshore marine sediments (erosional terraces) with an overburden ranging in thickness from approximately 5 m to 10 m.

Groundwater is anticipated to be encountered within the overburden and flow in a southwesterly direction towards Dow's Lake.

Water Bodies

No water bodies or areas of natural and scientific interest are present on the Phase I Property.

The nearest named water body with respect to the Phase I Property is Dow's Lake, located approximately 270 m to the southwest.

Areas of Natural and Scientific Interest

No areas of natural and scientific interest are present on the Phase I Property.

One provincially significant earth science ANSI site (Kippewa Drive – Eastview Limestone) was identified approximately 15 m to the north of the Phase I Property, on the north side of Madawaska Drive.

Existing Buildings and Structures

The Phase I Property is currently occupied by a two-storey residential dwelling, with one basement level.

Current and Future Property Use

The Phase I Property is currently used for residential purposes.

It is our understanding that the Phase I Property is to be redeveloped with a low-rise residential apartment building.

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 of a combination of residential and parkland properties.

Current land use is depicted on "*Drawing PE5617-2 – 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 this report, no potentially contaminating activities (PCAs) or areas of potential environmental concern (APECs) were identified on the Phase I Property.

Two PCAs were identified with respect to off-site properties situated within the Phase I Study Area. These PCAs are described as follows:

- No Municipal Address (adjacent to the north) – Former lumber yard.
- 567 Cambridge Street South (235 m north) – Former contractor's yard.

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 PCAs are considered to pose any environmental concern to the Phase I Property.

Contaminants of Potential Concern

Based on the findings of this Phase I ESA, no CPCs were identified on 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 no PCAs or APECs associated with the Phase I Property.

The absence 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 Mr. Derick Cotnam to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for the property addressed 1 Old Sunset Boulevard, 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 Phase I Property.

Based on a review of available historical information, the Phase I Property was first developed with the existing residential dwelling sometime in the 1910's/1920's, and has been used for residential purposes since that time. No environmental concerns were identified with respect to the historical use of the Phase I Property.

The surrounding lands within the Phase I Study Area have historically been developed for residential purposes, though in the early-1900's a lumber yard was formerly present on the lands to the north of the Phase I Property. Based on its nature, as well as its down-gradient orientation, this former lumber yard is not considered to pose an environmental concern to the Phase I Property.

Presently, the Phase I Property is occupied with a two storey residential dwelling. No environmental concerns were identified with respect to the current use of the Phase I Property.

The surrounding lands within the Phase I Study Area consist of a combination of residential and parkland properties. No environmental concerns were identified with respect to the current use of the neighbouring properties.

Based on the findings of this assessment, it is our opinion that **a Phase II – Environmental Site Assessment will not be required for the Phase I Property.**

Recommendations

Based on the age of the subject building, asbestos containing building materials may be present within the structure. Potential ACMs observed at the time of the site inspection include the drywall joint compound, vinyl floor tiles, and exterior stucco finish. These building materials were observed to be in good condition at the time of the site inspection and do not represent an immediate concern. An asbestos survey of the subject buildings should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to any demolition activities, if one has not already been conducted.

Based on the age of the subject building, lead-based paints may be present on any original or older painted surfaces. It is recommended that paint be tested for lead content prior to its disturbance. Major work involving lead-based paint or other lead-containing products must be done in accordance with Ontario regulation 490/09, under the Occupational Health and Safety Act.

It is recommended that a designated substance survey (DSS) be carried out for the subject building prior to any future renovation or demolition activities.

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 generally meets the requirements of CSA Z768-01 (reaffirmed 2016). 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 Mr. Derick Cotnam. Permission and notification from Mr. Derick Cotnam and Paterson Group will be required prior to the release of this report to any other party.

Paterson Group Inc.



Nick Sullivan, B.Sc.



Mark S. D'Arcy, P.Eng., QP_{ESA}



Report Distribution:

- Mr. Derick Cotnam
- 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 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.
- Ontario PCB Waste Storage Site 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: eMap website.
- 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 PE5617-1 – SITE PLAN

DRAWING PE5617-2 – SURROUNDING LAND USE PLAN

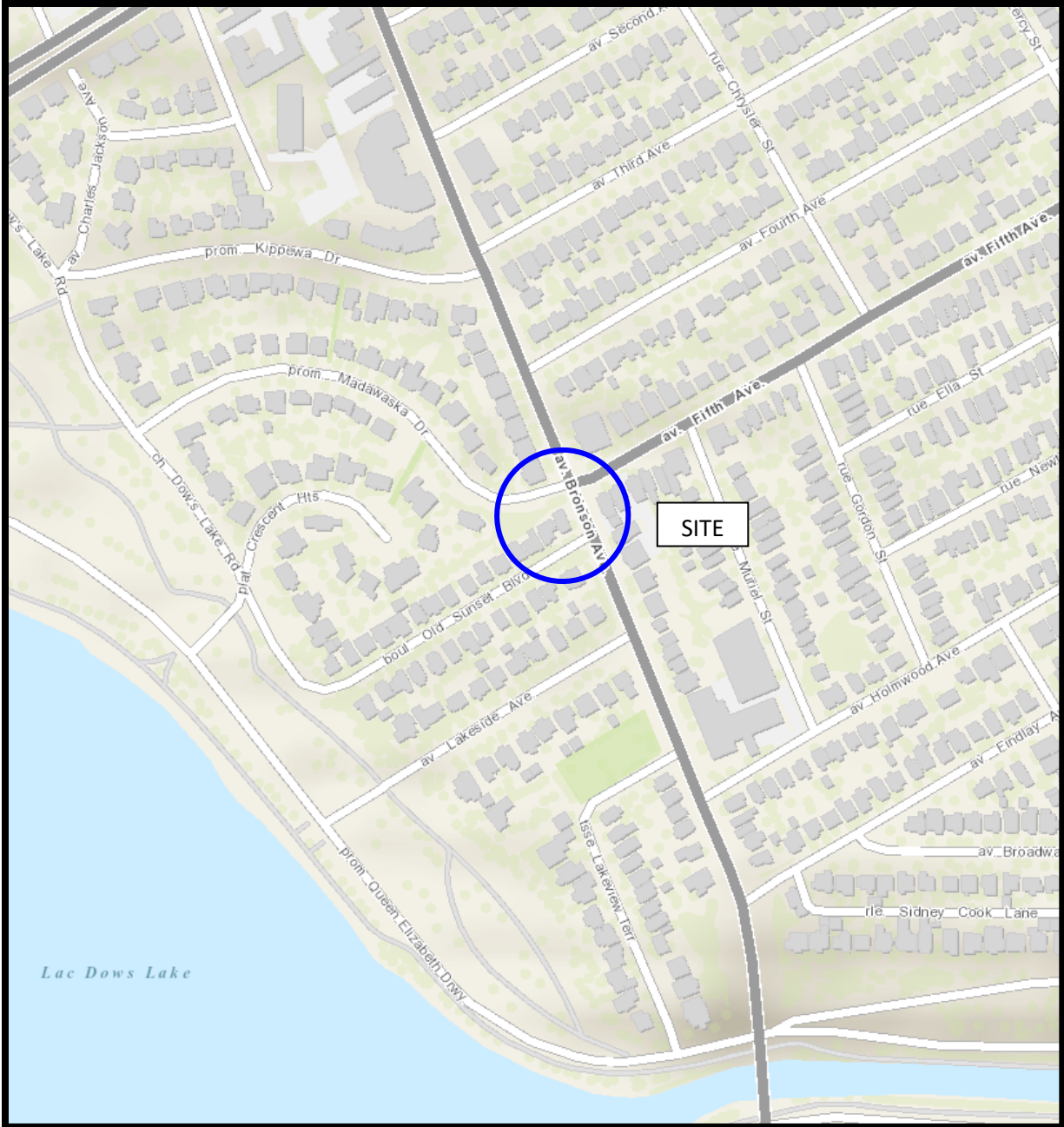


FIGURE 1
KEY PLAN

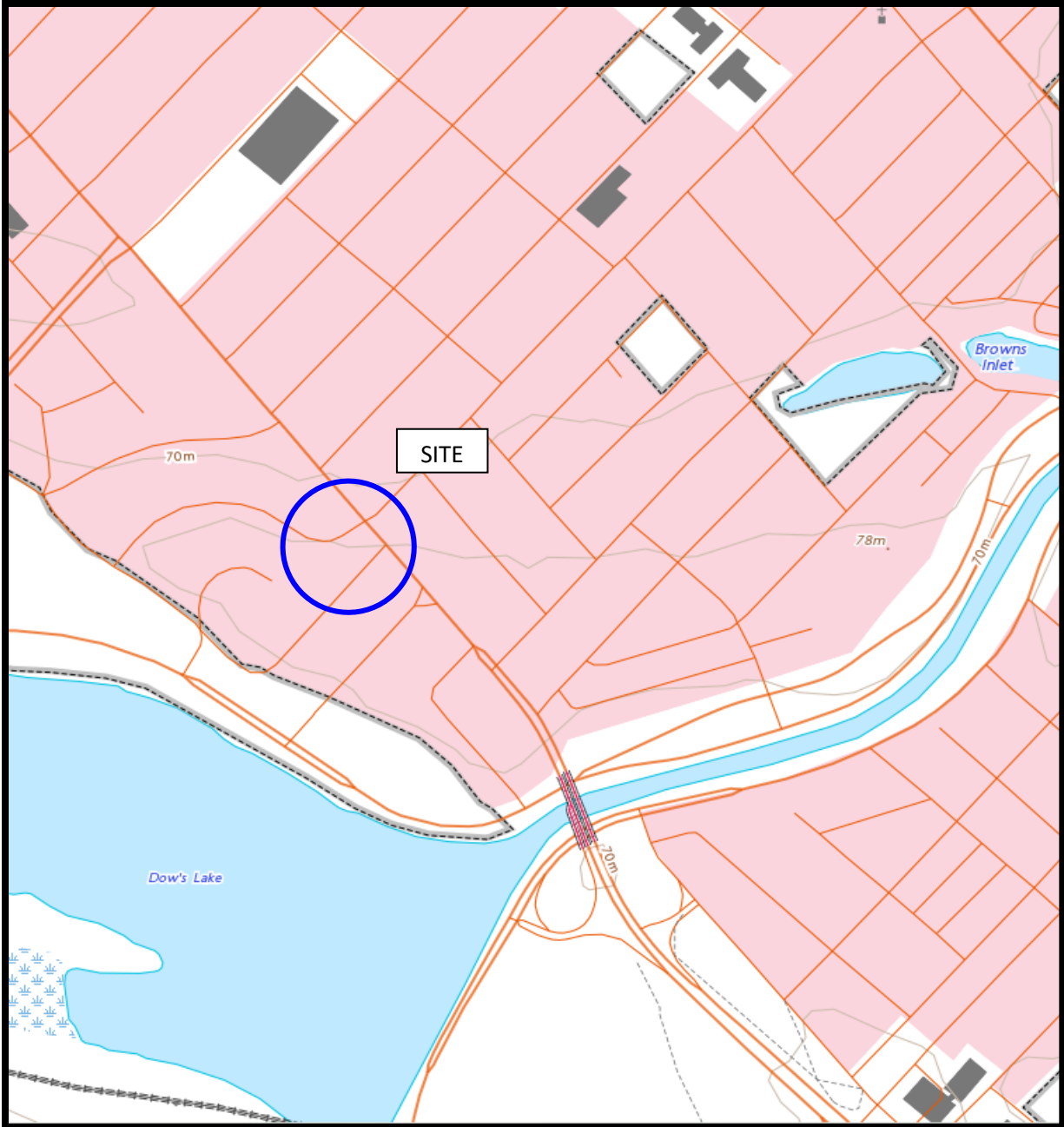
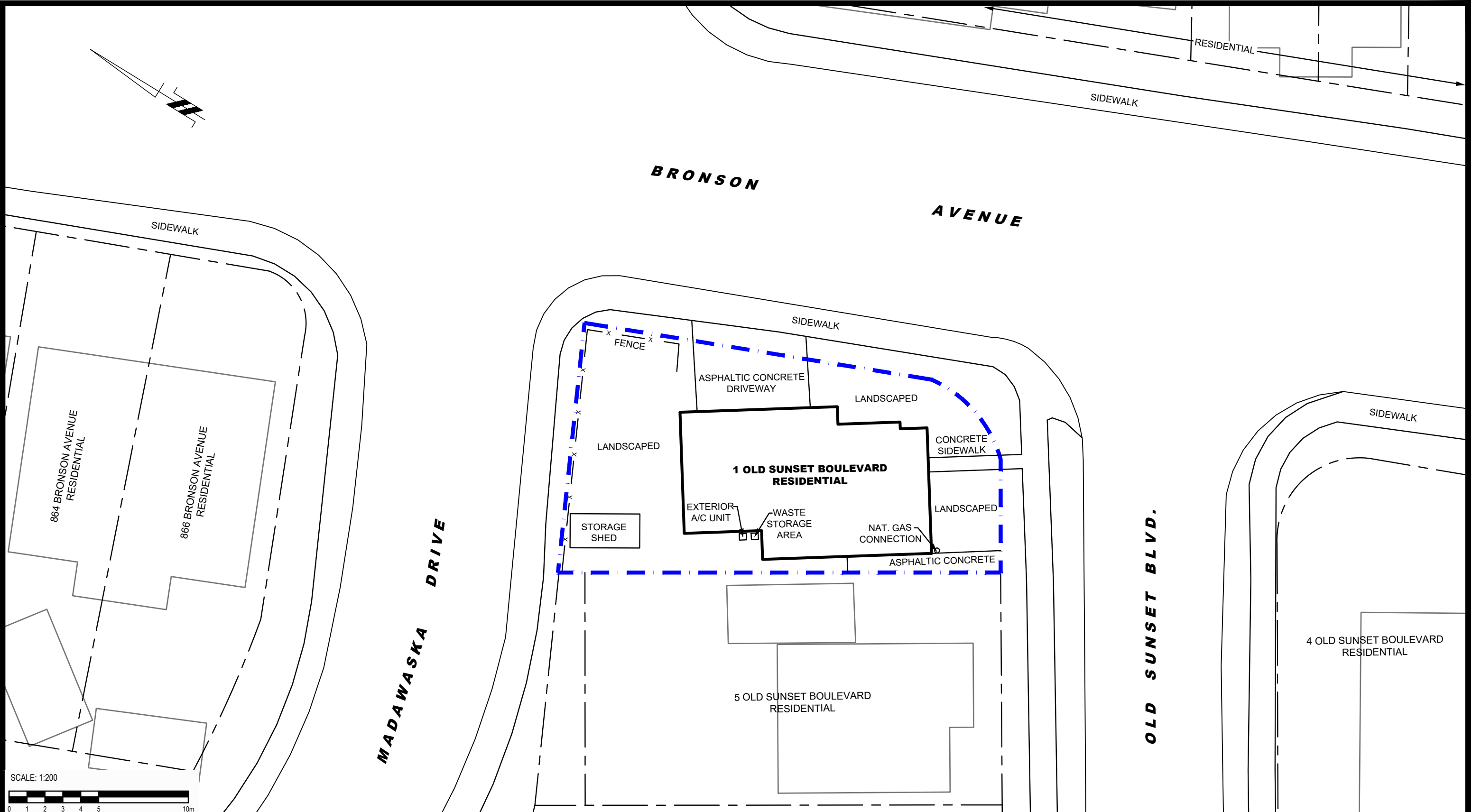


FIGURE 2
TOPOGRAPHIC MAP



patersongroup
consulting engineers

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

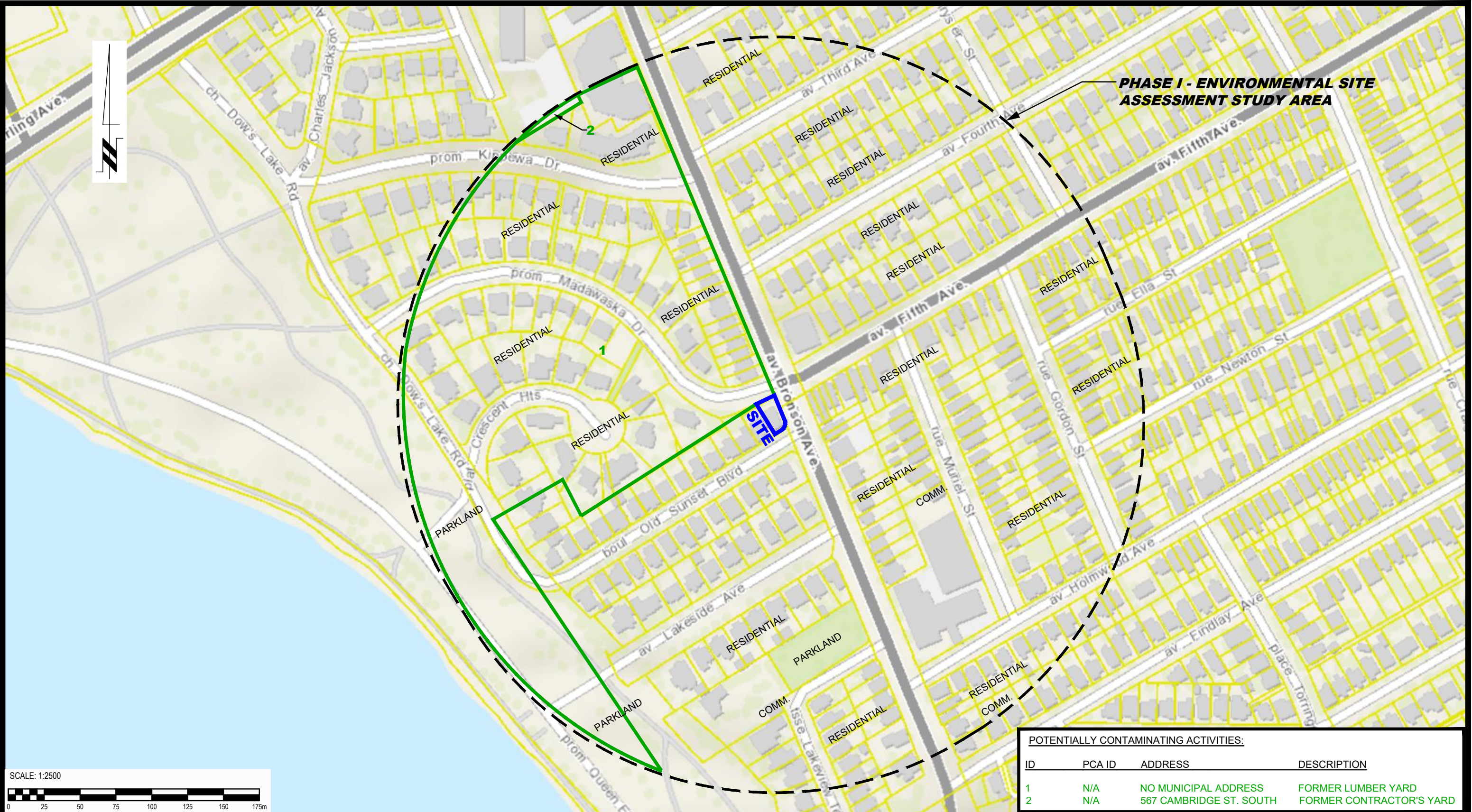
NO.	REVISIONS	DATE	INITIAL

MR. DERICK COTNAM
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
1 OLD SUNSET BOULEVARD

OTTAWA, ONTARIO

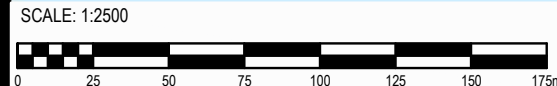
SITE PLAN

Scale:	1:200	Date:	02/2022
Drawn by:	JM	Report No.:	PE5617-1
Checked by:	NS	Dwg. No.:	PE5617-1
Approved by:	MSD	Revision No.:	



PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA

POTENTIALLY CONTAMINATING ACTIVITIES:			
ID	PCA ID	ADDRESS	DESCRIPTION
1	N/A	NO MUNICIPAL ADDRESS	FORMER LUMBER YARD
2	N/A	567 CAMBRIDGE ST. SOUTH	FORMER CONTRACTOR'S YARD



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

NO.	REVISIONS	DATE	INITIAL

MR. DERICK COTNAM
 PHASE I - ENVIRONMENTAL SITE ASSESSMENT
 1 OLD SUNSET BOULEVARD
 OTTAWA, ONTARIO
 Title:
SURROUNDING LAND USE PLAN

Scale:	1:2500	Date:	02/2022
Drawn by:	JM	Report No.:	PE5617-1
Checked by:	NS	Dwg. No.:	PE5617-2
Approved by:	MSD	Revision No.:	

APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS



AERIAL PHOTOGRAPH
1933



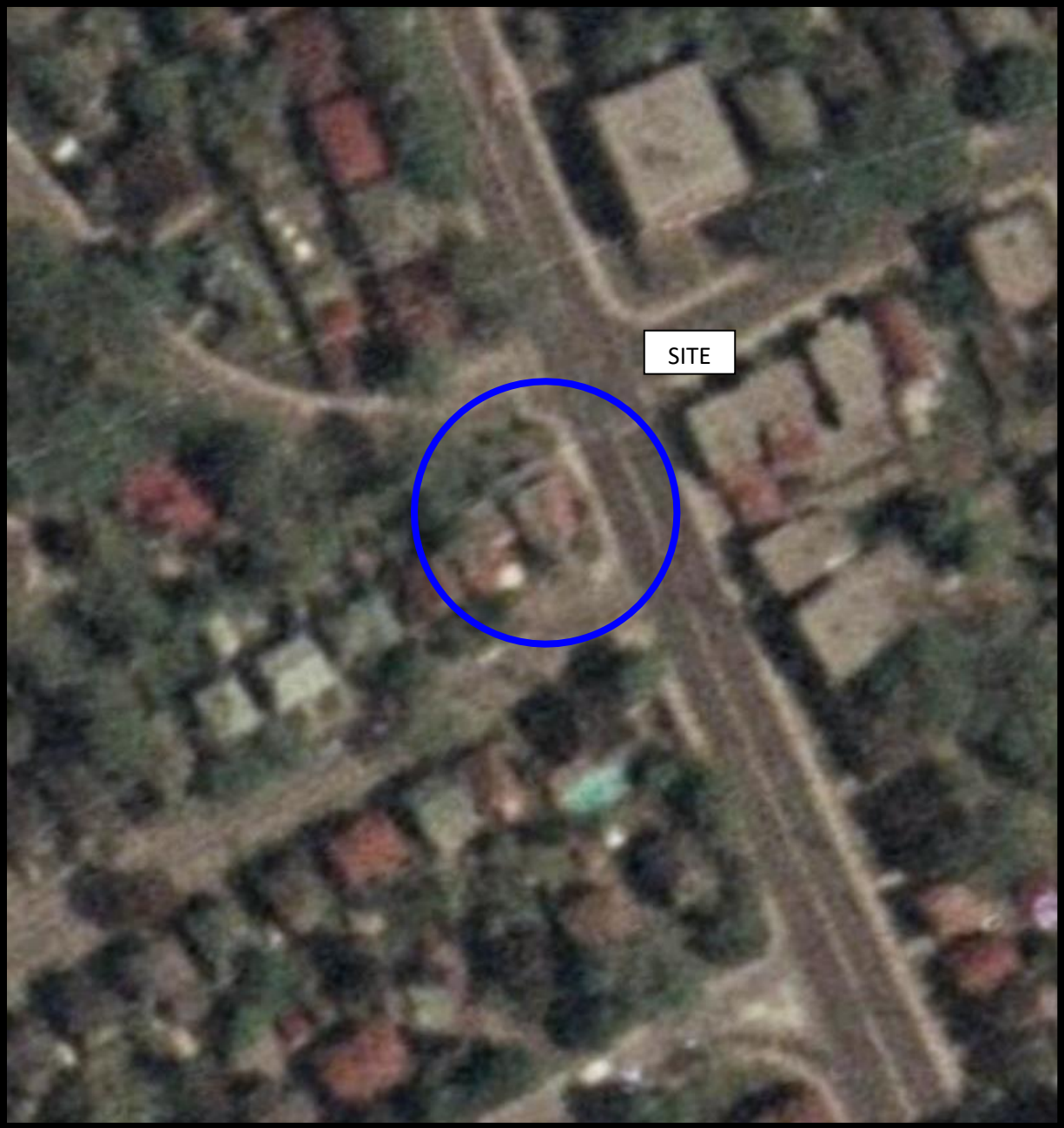
AERIAL PHOTOGRAPH
1945



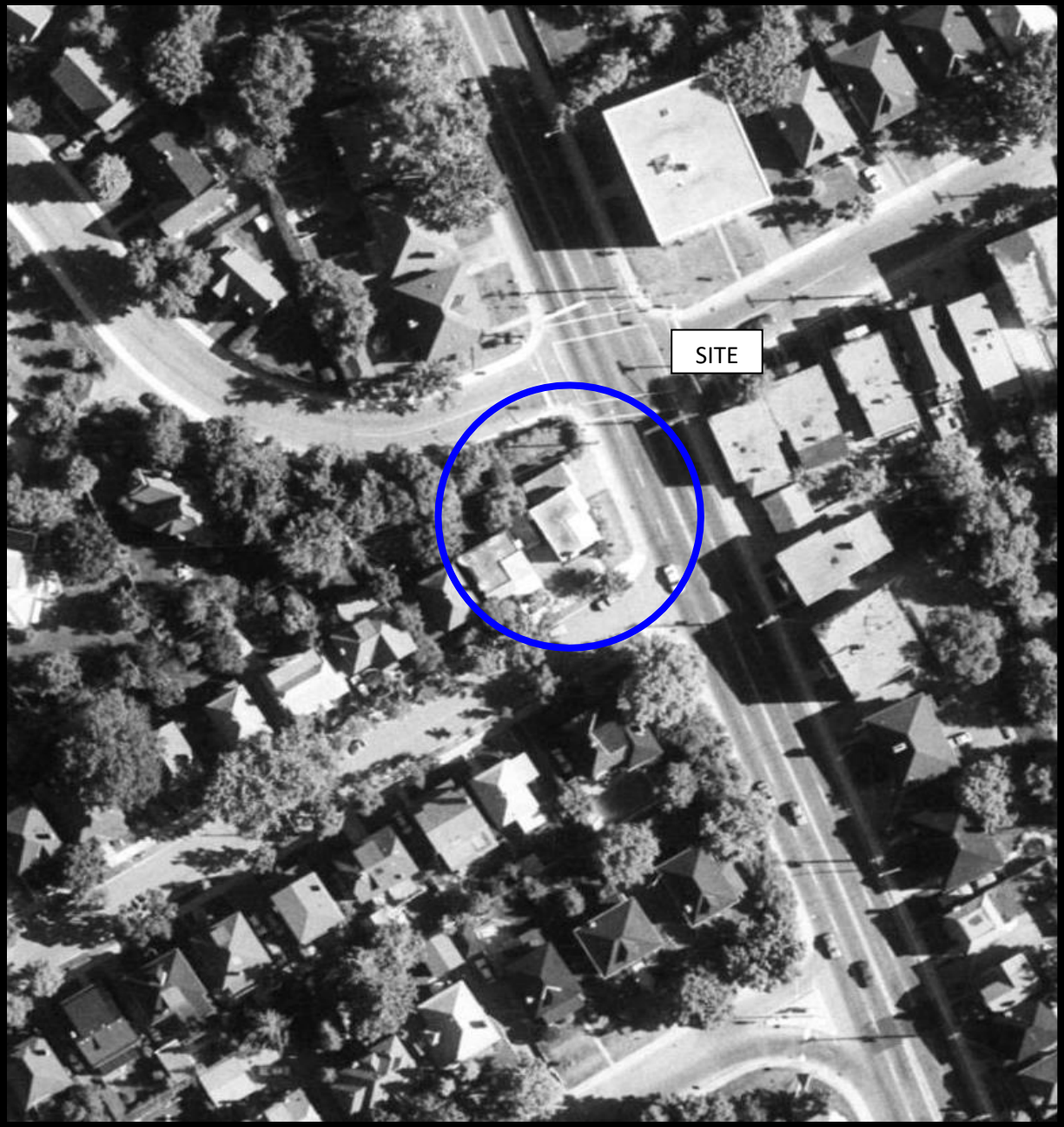
AERIAL PHOTOGRAPH
1958



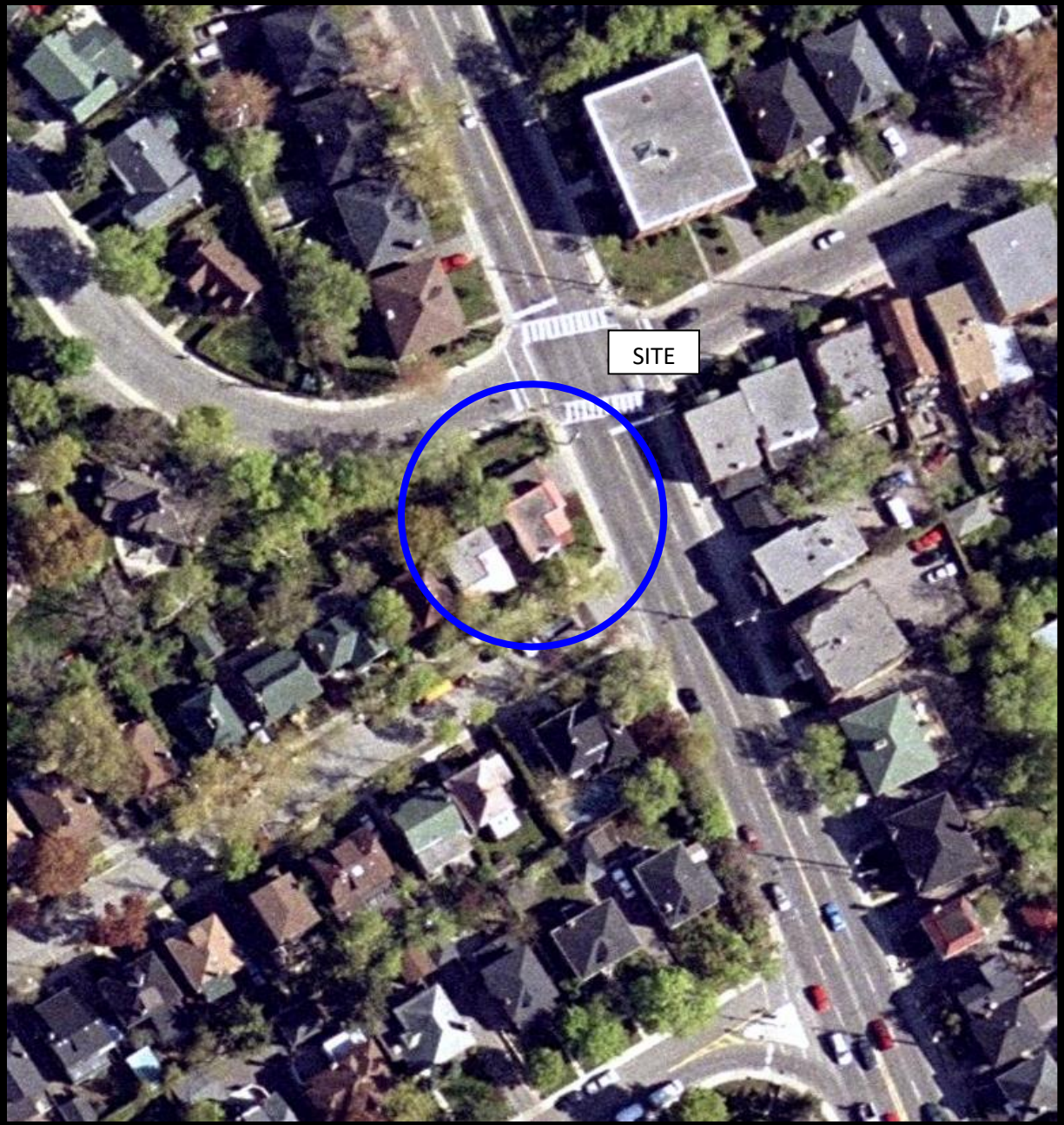
AERIAL PHOTOGRAPH
1965



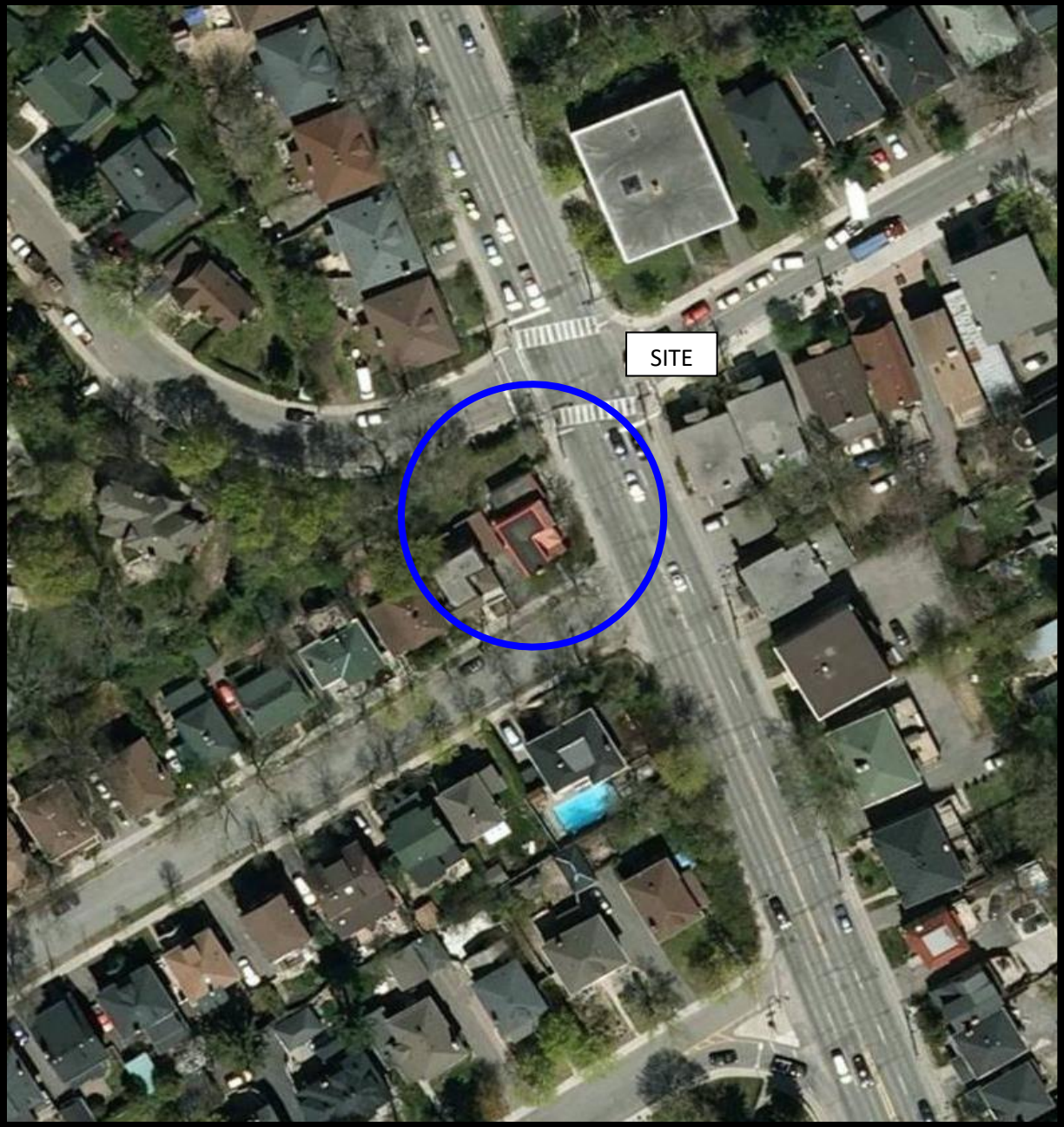
AERIAL PHOTOGRAPH
1976



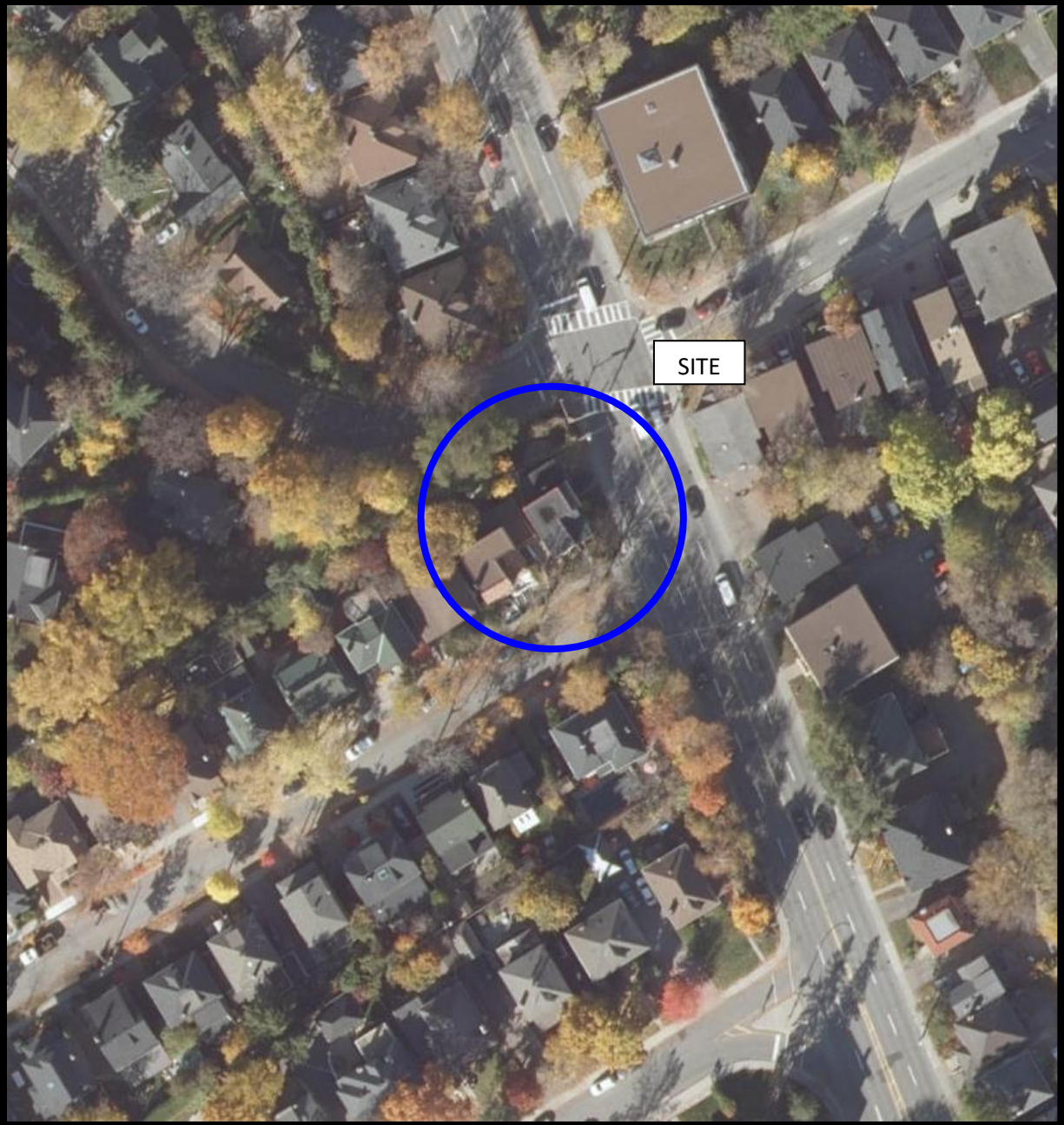
AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
2002



AERIAL PHOTOGRAPH
2011



AERIAL PHOTOGRAPH
2019

Site Photographs

PE5617-1

1 Old Sunset Boulevard, Ottawa, Ontario

February 9, 2022



Photograph 1: View of the southern portion of the Phase I Property, facing north from Old Sunset Boulevard.



Photograph 2: View of the southeastern portion of the Phase I Property, facing northwest from Bronson Avenue.

Site Photographs

PE5617-1

1 Old Sunset Boulevard, Ottawa, Ontario

February 9, 2022



Photograph 3: View of the northeastern portion of the Phase I Property, facing south from Madawaska Drive.



Photograph 4: View of the northern portion of the Phase I Property, facing southeast from Madawaska Drive.

APPENDIX 2

MECP FREEDOM OF INFORMATION SEARCH RESULTS

MECP WATER WELL RECORDS

TSSA CORRESPONDENCE

CITY OF OTTAWA HLUI SEARCH RESULTS

ERIS DATABASE REPORT

**Ministry of the Environment,
Conservation and Parks**

Access and Privacy Office

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

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

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

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



September 23, 2022

Nick Sullivan
Paterson Group Inc.
154 Colonnade Road
Ottawa, Ontario K2E 7J5
nsullivan@patersongroup.ca

Dear Nick Sullivan:

RE: MECP FOI A-2022-01620, Your Reference PE5617 – Decision Letter

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 1 Old Sunset Boulevard, Ottawa.

After a thorough search through the files of the ministry's Ottawa District Office, Environmental Assessment and Permissions Division (EAPD), Environmental Monitoring and Reporting Branch (EMRB), Environmental Investigations and Enforcement Branch (EIEB), and Safe Drinking Water Branch (SDW) no records were located responsive to your request. **This file is now closed.**

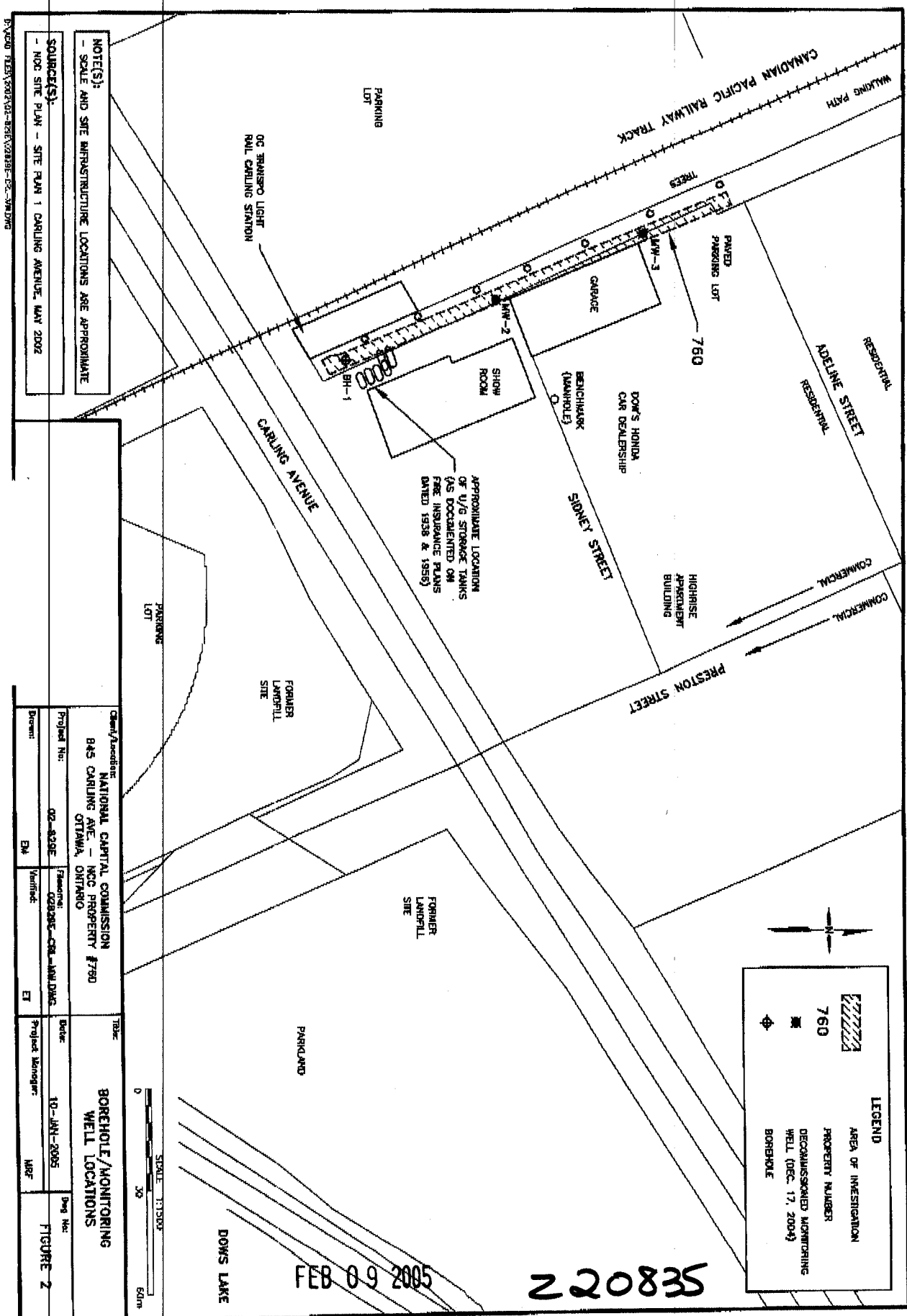
You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at <http://www.ipc.on.ca>. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Ajita Adhav at 416-371-8304 or Ajita.Adhav@ontario.ca.

Yours truly,

ORIGINAL SIGNED BY

Ryan Gunn
Manager (A), Access and Privacy Office



NOTES(S):
 - SCALE AND SITE INFRASTRUCTURE LOCATIONS ARE APPROXIMATE
SOURCE(S):
 - NCC SITE PLAN - SITE PLAN 1 CARLING AVENUE, MAY 2002

Client/Asset/Owner: NATIONAL CAPITAL COMMISSION 845 CARLING AVE. - NCC PROPERTY #760 OTTAWA, ONTARIO		Table: BORCHOLE/MONITORING WELL LOCATIONS	
Project No: 02-829E	Revision: EN	Date: 10-JUN-2005	Page No: FIGURE 2
Forming: 02829E-CR-100.DWG	Verified: ET	Project Manager: MBF	

DRAWN: MBF/02829E-CR-100.DWG



Measurements recorded in: Metric Imperial

No Tag Found 14-404

Well Owner's Information

First Name, Last Name / Organization (City of Ottawa), E-mail Address, Mailing Address (100 Constellation Dr), Municipality (Ottawa), Province (ON), Postal Code (K2G 6W7), Telephone No. (613 580 2424)

Well Location

Address of Well Location (Isabella St.), Township, Lot, Concession, County/District/Municipality (Ottawa), City/Town/Village (Ottawa), Province (Ontario), Postal Code, UTM Coordinates (Zone 18, Easting 445502, Northing 5027329), Municipal Plan and Sublot Number, Other

Overburden and Bedrock Materials/Abandonment Sealing Record

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Includes handwritten notes: '20% bentonite slurry (partially quick sand)', '3/8 bentonite chips', 'cold patch asphalt', and 'this was just a 3/4" standpipe. Could not get a tape down the pipe for a measurement. Top 5' of pipe out'.

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

Results of Well Yield Testing table with columns: Time (min), Water Level (m/ft), Recovery (min), Water Level (m/ft). Includes sections for 'After test of well yield, water was:', 'If pumping discontinued, give reason:', 'Pump intake set at (m/ft)', 'Pumping rate (l/min / GPM)', 'Duration of pumping', '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'.

Method of Construction and Well Use checkboxes: Cable Tool, Rotary (Conventional/Reverse), Boring, Air percussion, Other; Diamond, Jetting, Driving, Digging; Public, Commercial, Not used, Domestic, Municipal, Dewatering, Livestock, Test Hole, Monitoring, Irrigation, Cooling & Air Conditioning, Industrial, Other.

Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel), Wall Thickness (cm/in), Depth (m/ft) From, To, Status of Well (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).

Construction Record - Screen table with columns: Outside Diameter (cm/in), Material (Plastic, Galvanized, Steel), Slot No., Depth (m/ft) From, To.

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

Well Contractor and Well Technician Information: Business Name of Well Contractor (CC Drilling), Well Contractor's Licence No. (75413), Business Address (48-2627 Edinburgh Place), Municipality (Ottawa), Province (ON), Postal Code (K1B 5M1), Business E-mail Address (mwebb@ccdrilling.com), Bus. Telephone No. (613 737 5227), Name of Well Technician (Last Name, First Name) (Chad Edlin), Well Technician's Licence No. (3299), Signature of Technician and/or Contractor, Date Submitted (20190922).

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 (YYYYMMDD), Date Work Completed (20190819), Ministry Use Only: Audit No. (286429), Received (OCT 22 2019).

Nick Sullivan

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: February 9, 2022 2:08 PM
To: Nick Sullivan
Subject: RE: Records Search Request (PE5617)

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

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

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

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

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

Kind regards,

Sherees



Public Information Agent

Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationsservices@tssa.org

www.tssa.org



From: Nick Sullivan <NSullivan@patersongroup.ca>
Sent: February 9, 2022 1:23 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: Records Search Request (PE5617)

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

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:

Old Sunset Boulevard: 1, 4, 5, 6, 9;
Bronson Avenue: 864, 865, 866;
Fifth Avenue: 360, 362.

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

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

April 19, 2022

Nick Sullivan
Paterson Group Inc.

Sent via email [nsullivan@patersongroup.ca]

Dear Nick Sullivan,

**Re: Information Request
1 Old Sunset Boulevard, Ottawa, Ontario (“Subject Property”)**

Internal Department Circulation:

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

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

Documents Provided:

HLUI Summary Report and HLUI Map

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

Additional information may be obtained by contacting:

Ontario’s Environmental Registry

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

The Ontario Land Registry Office

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that

may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

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

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

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

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

If you have any further questions or comments, please contact HLUI@ottawa.ca.

Sincerely,

Ashvinya Moorthy (She/Her)

Student Planner | Étudiante en Urbanism

Development Review West | Examen des projets d’aménagement Ouest

City of Ottawa | Ville d’Ottawa

613-580-2424 Ext. 23569

Ashvinaymoorthy.thatchinamoorthy@ottawa.ca

Per:

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

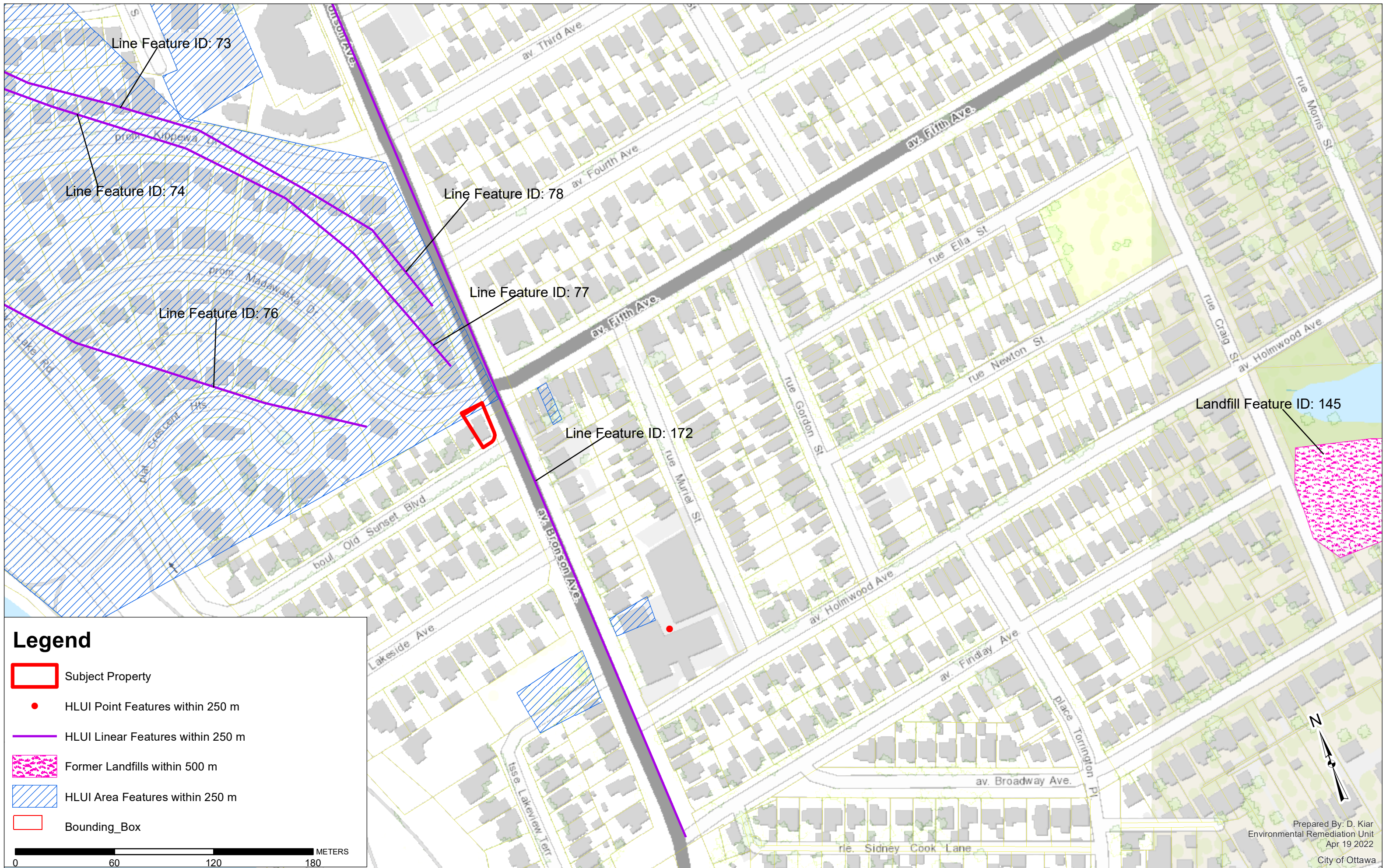
MB / AT

Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-22-0036

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



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
111	EDEN AIR CONDITIONING	Retail Trade	2001-ES	1	2001		356	FIFTH	AVE			356	FIFTH	AVE		K1S2N8	41420132	OLD OTTAWA	443110				61.11684997	149.3792113
908	J R BOOTH LUMBER YARD - FRASERFIELD YARED	Lumber and Building Materials, Wholesale	1887-Topo; 1900-M; 1901-FIP-112A-753; 1910-M; 1912-FIP-126-753; 1920-M; 1922-I	1	1887-1956 c.	1901	291	CARLING	AVE		OTTAWA								321111; 321112 251; 479;		The property ran along Dc		2346.241682	192907.9553
910	UNIQUE CABINET BUILDERS	Sash, Door and Other Millwork Industries	1958-M; 1958-S; 1961-M; 1961-S	1	1958-1961 c.	1958-1961	961	BRONSON	AVE		OTTAWA	963	BRONSON	AVE		K1S4G8	41420016	OLD OTTAWA	321215; 321911 254; 269				78.10681882	338.2644737
3623	MACDONNELL AND CONYERS LIMITED	Sawmill, Planing Mill and Shingle Mill Products Industries	1922-FIP-126-773; 1948-FIP-134-773; 1948-M; 1955-M; 1956-FIP-134-4-773	1	1922-1956 c.	1922-1956	790	CAMBRIDGE	ST		OTTAWA	567	CAMBRIDGE	ST	S	K1S4J5	41030194	OLD OTTAWA	321111; 321112 251; 479		This property is at the cor		312.818071	4892.1653
17564	MAY & FOSTER TANNERY	Tannery	1879-CD; 1896-Assessment; 1988-Intera-168	2	1890		994	CONCESSION	ST												1896 Assessment lists May & Foster 964 Concessior	150.501618	1355.534465	

HLUI SUMMARY REPORT
POINT FEATURES

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	TANK_LOCATION	TANK_CONTENT	TANK_SIZE	TANK_TYPE	TANK_STATUS	SOURCE	INSTALLED_SIT_NUM	INSTALLED_SITE_NAME	INSTALLED_SITE_ABBR	INSTALLED_SITE_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
7232	COL BY TOWERS - CAMPEAU CORP		UST	bunker oil	45400	Permit		Bylaw No. 304-60	963	BRONSON	AVE			367723.5117	5028800.96	FR300-VAH600	2			ST3569				17/02/1971	1 - 10000 fue	Yes				
7233	COL BY TOWERS - CAMPEAU CORP		UST	bunker oil	45400	Existing	Not active-	Bylaw No. 304-60	963	BRONSON	AVE			367723.5117	5028800.96	FR300-VAH600	2			ST0313	Y	Y	1971-002-17	02/03/1959	1 - 10000 fue	Yes				

HLUI SUMMARY REPORT
 LINEAR FEATURES

OBJECTID	SOURCE	FEATURE	YEAR	COMMENT	NAME	Shape_Length
73	1909-City Map	Abandoned Railway				787.3186
74	1909-City Map	Abandoned Railway				283.7083
76	1909-City Map	Abandoned Railway				333.1972
77	1909-City Map	Abandoned Railway				210.5588
78	1909-City Map	Abandoned Railway				179.6718
172	ElectricRailwayMap	Electric Railway	1929, 1950		Ottawa Electric Railv	993.7357

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.
OBJECTID	145
ADJACENT_LANDUSE	residential and parkland; the zoning is EW (waterway corridor) in the general area of the site.
GROUNDWATER_FLOW_DIRECTION	possibly N towards the Ottawa River, S towards the Rideau River and Canal or E towards Dow's Lake
G_GENERATION	<null>
INFORMATION_SOURCE	1991-WDSI/WMB/MOE
UTM_NAD27_E_NOTE	<null>
WATER_SUPPLY	municipally supplied water
SITE_NAME	Capital Park (Craig Street)
OPERATIONAL_PERIOD	before 1924 (earliest aerial photographs available show no landfilling activity)
OVERBURDEN	native organic soils
ROAD_TYPE	<null>
WASTEDEPTH	unknown
ECOLOGICAL	Rideau Canal ecosystem; humans using the area for recreational purposes, but wastes are likely covered
DISTANCE_TO_SURFACE_WATER	Brown's inlet is adjacent to site; Rideau Canal 200 m SE
WASTETYPE	unknown
ADJACENT_OWNER	private houses north of Broadway Ave., west of Craig St. and north of Brown's inlet
MAGNITUDE	no known monitoring
LOCATION	Brown's Inlet Park; bounded by Craig St, property line south of Broadway Ave. and Brown's Inlet (pond)
ACTIVITYID	6129
DEPTH_TO_BEDROCK	5 to 10 m to interbedded bioclastic limestone, crystalline limestone and shale
SITE_STATUS	Confirmed
UTM_NAD27_NORTHING	5027040
UTM_NAD27_EASTING	445950
SOIL_COVER	assumed to be covered based on land use, however thickness of cover unknown
PARAMETERS	no known monitoring
G_VERSION	0
SERVICE_AREA	presumably City of Ottawa
SITE_ACCES	human contact possible given recreational use of site
CONCENTRTN	no known monitoring
METHANE	no methane detected during 1984 monitoring survey
ACTIVITY2	6129
ADJACENT_INDUSTRY	none based on information reviewed
OWNERCATEGORY	City
SITE_IDENTIFICATION	Ur-20
OWNER	City of Ottawa (Brown's Inlet Park)
G_NEXT_VERSION	<null>
SITE_ALIAS	Brown's Inlet Park
TOPOGRAPHY	park is generally flat and houses surround the inlet are on higher ground
OPERATOR	City of Ottawa
FORMER_MUN	OTTAWA
PHYSICAL	area contains a maintained open space with grass and mature trees
ROAD_NAME	<null>
MOE_ID	x 1100
OTHERREF	Gartner Lee, 1984 (Site #20); Intera, 1988 (Lf #20)
LANDFILL_1998_ID	_6O0436
UTM_NAD27_N_NOTE	<null>
SIZE_HA	area approx. 0.7 ha
DEPTH_TO_GROUNDWATER	unknown
PARENT_ID	<null>
ANDERSONSWASTEDISPOSALSITES_ID	69
OTHER_INFO	Based on the name of the site in City Records, "Capital Park, Craig St.", it is possible that this site is actually located between Ella St., Craig St. and Newton St., approx. 120 m northwest of location assumed by GLL. This 0.4-ha site is currently desi
LOCTN_REF	<null>
SITE_COORD	UTM = 445950E, 5027040N, map 31G/5. Site #X1100 of closed sites in the MOE inventory (pg134).
GLOBALID	{EE3FD4EF-99EF-4261-9185-CB70BA80A8E3}
COMMONNAME	Brown's Inlet Park
COMMONNAME_FR	Parc Brown's Inlet
SITE_ID_FR	Ur-20
SITE_NAME_FR	Parc Capital (rue Craig)
UNIQUEID	Capital Park (Craig Street)Ur-20
SHAPE_AREA	6626.912134
SHAPE_LEN	362.984886



DATABASE REPORT

Project Property: *Phase I ESA
1 Old Sunset Boulevard
Ottawa ON K1S 3G8*

Project No: *PE5617*

Report Type: *Standard Report*

Order No: *22020800572*

Requested by: *Paterson Group Inc.*

Date Completed: *February 11, 2022*

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	7
Executive Summary: Summary By Data Source.....	11
Map.....	17
Aerial.....	18
Topographic Map.....	19
Detail Report.....	20
Unplottable Summary.....	39
Unplottable Report.....	41
Appendix: Database Descriptions.....	49
Definitions.....	58

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Executive Summary

Property Information:

Project Property: *Phase I ESA
1 Old Sunset Boulevard Ottawa ON K1S 3G8*

Project No: *PE5617*

Coordinates:

Latitude: *45.3973464*
Longitude: *-75.6977821*
UTM Northing: *5,027,328.88*
UTM Easting: *445,385.56*
UTM Zone: *18T*

Elevation: *225 FT
68.52 M*

Order Information:

Order No: *22020800572*
Date Requested: *February 8, 2022*
Requested by: *Paterson Group Inc.*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	6	6
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	1	1
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	1	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	5	5
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	1	1
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	3	3
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	8	8
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	2	2
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	3	3
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	10	10
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	2	2
Total:			0	42	42

Executive Summary: Site Report Summary - Project Property

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	CA	OTTAWA CITY COMBINE SEWER REPAIR & REPLA	SUNSET BLVD./BRONSON AVE. OTTAWA CITY ON	E/21.6	-1.51	20
2	INC		860 BRONSON AVENUE, OTTAWA ON K1S 4G7	NW/54.1	1.50	20
3	CA	R.M. OF OTTAWA-CARLETON	LAKESIDE AVE./BRONSON AVE. OTTAWA CITY ON	SE/85.0	1.05	21
3	CA	OTTAWA CITY	LAKESIDE AVE./BRONSON AVE. OTTAWA CITY ON	SE/85.0	1.05	21
4	WWIS		NORTH OF CARLING AVE BTW ADELAID ST con 1 OTTAWA ON Well ID: 1535390	ENE/86.8	1.78	21
5	PINC		850 Bronson Avenue, Ottawa ON	NW/92.3	2.05	22
6	EHS		344-346 Fifth Ave, Ottawa Ottawa ON	ENE/98.9	1.36	23
7	WWIS		ISABELLA ST Ottawa ON Well ID: 7344663	E/116.4	-0.57	23
8	EHS		344 5 Ave Ottawa ON K1S2N7	ENE/118.0	1.33	24
9	SPL		43 Old Sunset Blvd. Ottawa ON K1S 3G8	WSW/126.8	2.36	25
9	INC		43 Old Sunset Blvd, Ottawa ON	WSW/126.8	2.36	25
10	HINC		341 FIFTH AVENUE ROAD Ottawa ON	NE/144.5	2.05	26

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
11	HINC		338 FIFTH AVENUE ROAD OTTAWA ON	ENE/152.3	1.35	26
12	SPL		in front of 964 Bronson Ave Ottawa ON	SSE/161.0	2.05	27
13	HINC		336 FIFTH AVENUE ROAD OTTAWA ON	ENE/161.8	1.35	27
14	HINC		418 3rd AVENUE OTTAWA ON	N/169.7	3.47	27
15	SPL	Enbridge Gas Distribution Inc.	49 Dows Lake Road Ottawa ON	WSW/172.1	2.36	28
15	PINC	PIPELINE HIT 1/2"	49 DOWS LAKE RD.,OTTAWA,ON,K1S 4L3,CA ON	WSW/172.1	2.36	28
16	GEN	CANSO PRINTING SERVICES LTD. 07-601	969 BRONSON AVENUE CARLETON ON K1S 4G8	SE/173.4	2.36	29
17	EHS		66 Muriel Street Ottawa ON K1S 4E1	ESE/175.8	1.35	29
17	EHS		66 Muriel Street Ottawa ON K1S 4E1	ESE/175.8	1.35	29
18	SPL		55 Old Sunset blvd Ottawa ON	WSW/179.1	1.27	29
19	GEN	HOMESTEAD LAND HOLDINGS LTD	315 holmwood ave OTTAWA ON K1S2R2	SE/189.2	2.39	30
20	CA	OTTAWA CITY	GORDON ST/HOLMWOOD/FIFTH STS. OTTAWA CITY ON	E/199.7	0.02	30
21	PINC	ENBRIDGE GAS INC	BRONSON AVE & HOLMWOOD AVE.,, OTTAWA,ON,K1S 2R2,CA ON	SE/201.4	2.36	31

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
21	SPL	Enbridge Gas Distribution Inc.	Bronson Ave and Holmwood Avenue Ottawa ON	SE/201.4	2.36	31
22	HINC		408 3rd AVENUE OTTAWA ON	NNE/205.2	3.31	31
23	CA	R.M. OF OTTAWA-CARLETON	CRESCENT HEIGHTS/OPEONGO RD. OTTAWA CITY ON	W/206.3	1.55	32
24	SPL	unknown<UNOFFICIAL>	Newton St and Gordon St Ottawa ON	E/209.1	-0.77	32
25	SPL		9 Gordon Street Ottawa ON	ENE/209.8	1.44	33
26	SPL		7 Kippewa Drive Ottawa ON K1S 3G3	NNW/211.1	4.08	33
26	GEN	Carleton Condominium Corporation No. 357	7 Kippewa Dr. Ottawa ON K1S3G3	NNW/211.1	4.08	34
27	CA	1737924 Ontario Inc.	804-824 Bronson Ave Ottawa ON	NNW/212.0	4.07	34
27	ECA	1737924 Ontario Inc.	804-824 Bronson Ave Ottawa ON K2A 0E7	NNW/212.0	4.07	34
28	HINC		402 3rd AVENUE OTTAWA ON	NNE/231.7	4.36	35
29	HINC		308 HOLMWOOD AVENUE OTTAWA ON K1S 2R3	SE/236.5	1.36	35
30	EHS		994 Bronson Ave Ottawa ON K1S4H1	SSE/238.2	2.27	35
31	SPL	FIRST FUEL	812 BRONSON TANK TRUCK (CARGO) OTTAWA CITY ON K1S 4G4	NNW/241.2	4.36	36

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
32	EXP	ADRIAN O'DONNELL	10 LAKEVIEW TERR OTTAWA K1S 3H4 ON CA ON	S/243.5	2.39	36
32	CFOT	ADRIAN O'DONNELL	10 LAKEVIEW TERR OTTAWA K1S 3H4 ON CA ON	S/243.5	2.39	36
33	HINC		407 3rd AVENUE OTTAWA ON	N/243.8	4.69	37
34	SPL		302 Homewood Ave Ottawa ON	ESE/249.5	1.36	37

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 6 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA CITY	LAKESIDE AVE./BRONSON AVE. OTTAWA CITY ON	SE	85.03	<u>3</u>
R.M. OF OTTAWA-CARLETON	LAKESIDE AVE./BRONSON AVE. OTTAWA CITY ON	SE	85.03	<u>3</u>
OTTAWA CITY	GORDON ST/HOLMWOOD/FIFTH STS. OTTAWA CITY ON	E	199.71	<u>20</u>
R.M. OF OTTAWA-CARLETON	CRESCENT HEIGHTS/OPEONGO RD. OTTAWA CITY ON	W	206.26	<u>23</u>
1737924 Ontario Inc.	804-824 Bronson Ave Ottawa ON	NNW	212.02	<u>27</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA CITY COMBINE SEWER REPAIR & REPLA	SUNSET BLVD./BRONSON AVE. OTTAWA CITY ON	E	21.61	<u>1</u>

CFOT - Commercial Fuel Oil Tanks

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ADRIAN O'DONNELL	10 LAKEVIEW TERR OTTAWA K1S 3H4 ON CA ON	S	243.50	<u>32</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Dec 31, 2021 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
1737924 Ontario Inc.	804-824 Bronson Ave Ottawa ON K2A 0E7	NNW	212.02	<u>27</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Nov 30, 2021 has found that there are 5 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	344-346 Fifth Ave, Ottawa Ottawa ON	ENE	98.91	<u>6</u>
	344 5 Ave Ottawa ON K1S2N7	ENE	118.00	<u>8</u>
	66 Muriel Street Ottawa ON K1S 4E1	ESE	175.77	<u>17</u>
	66 Muriel Street Ottawa ON K1S 4E1	ESE	175.77	<u>17</u>
	994 Bronson Ave Ottawa ON K1S4H1	SSE	238.22	<u>30</u>

EXP - List of Expired Fuels Safety Facilities

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ADRIAN O'DONNELL	10 LAKEVIEW TERR OTTAWA K1S 3H4 ON CA ON	S	243.50	<u>32</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Nov 30, 2021 has found that there are 3 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANSO PRINTING SERVICES LTD. 07-601	969 BRONSON AVENUE CARLETON ON K1S 4G8	SE	173.39	<u>16</u>
HOMESTEAD LAND HOLDINGS LTD	315 holmwood ave OTTAWA ON K1S2R2	SE	189.25	<u>19</u>
Carleton Condominium Corporation No. 357	7 Kippewa Dr. Ottawa ON K1S3G3	NNW	211.06	<u>26</u>

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 8 HINC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	341 FIFTH AVENUE ROAD Ottawa ON	NE	144.52	<u>10</u>
	338 FIFTH AVENUE ROAD OTTAWA ON	ENE	152.32	<u>11</u>
	336 FIFTH AVENUE ROAD OTTAWA ON	ENE	161.82	<u>13</u>
	418 3rd AVENUE OTTAWA ON	N	169.68	<u>14</u>
	408 3rd AVENUE OTTAWA ON	NNE	205.18	<u>22</u>
	402 3rd AVENUE OTTAWA ON	NNE	231.67	<u>28</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	308 HOLMWOOD AVENUE OTTAWA ON K1S 2R3	SE	236.55	29
	407 3rd AVENUE OTTAWA ON	N	243.85	33

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated May 31, 2021 has found that there are 2 INC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	860 BRONSON AVENUE, OTTAWA ON K1S 4G7	NW	54.12	2
	43 Old Sunset Blvd, Ottawa ON	WSW	126.82	9

PINC - Pipeline Incidents

A search of the PINC database, dated May 31, 2021 has found that there are 3 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	850 Bronson Avenue, Ottawa ON	NW	92.33	5
PIPELINE HIT 1/2"	49 DOWS LAKE RD.,OTTAWA,ON, K1S 4L3,CA ON	WSW	172.11	15
ENBRIDGE GAS INC	BRONSON AVE & HOLMWOOD AVE,, OTTAWA,ON,K1S 2R2,CA ON	SE	201.43	21

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020 has found that there are 10 SPL site(s) within approximately 0.25 kilometers of the project property.

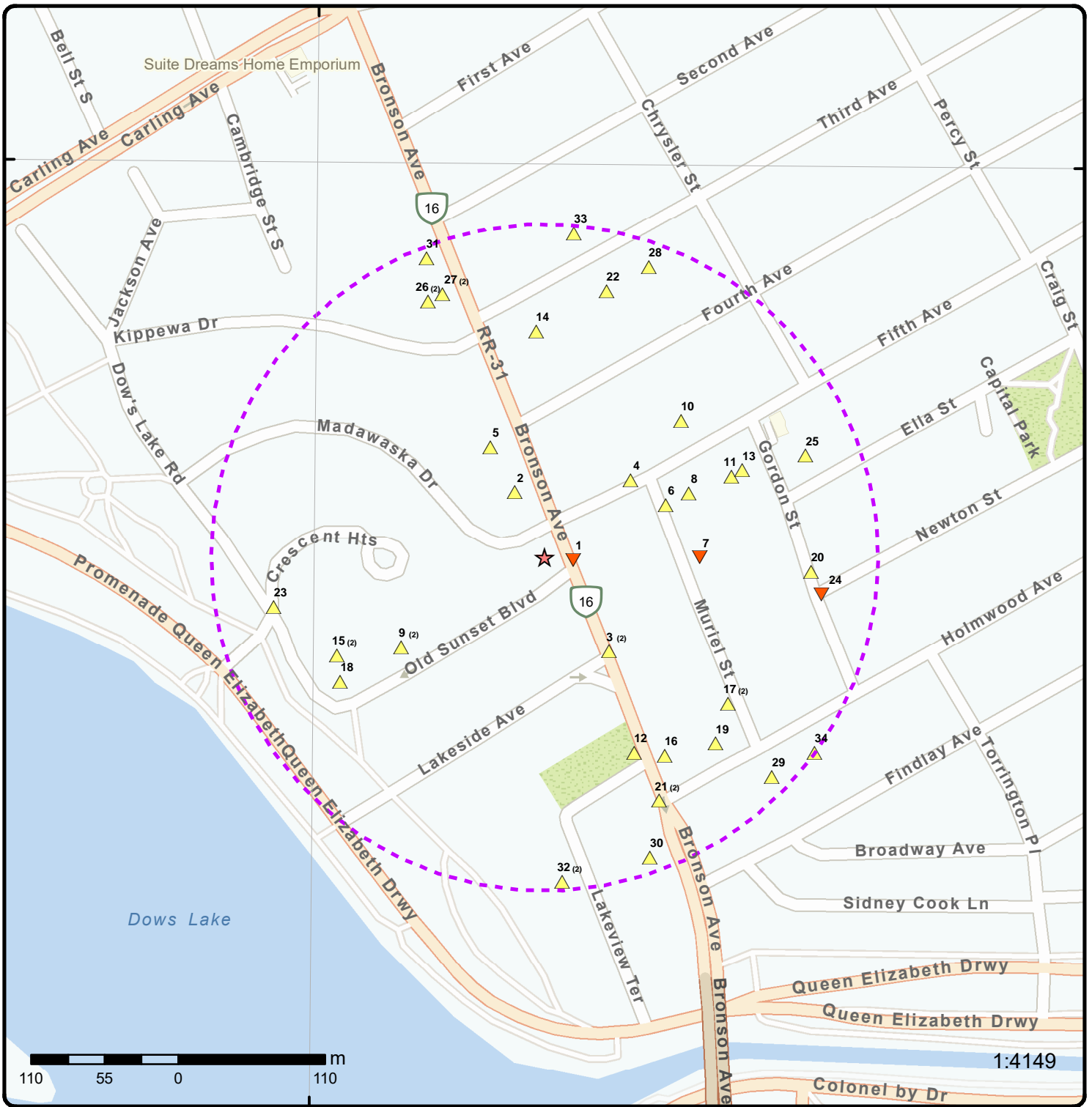
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	43 Old Sunset Blvd. Ottawa ON K1S 3G8	WSW	126.82	<u>9</u>
	in front of 964 Bronson Ave Ottawa ON	SSE	161.00	<u>12</u>
Enbridge Gas Distribution Inc.	49 Dows Lake Road Ottawa ON	WSW	172.11	<u>15</u>
	55 Old Sunset blvd Ottawa ON	WSW	179.09	<u>18</u>
Enbridge Gas Distribution Inc.	Bronson Ave and Holmwood Avenue Ottawa ON	SE	201.43	<u>21</u>
	9 Gordon Street Ottawa ON	ENE	209.78	<u>25</u>
	7 Kippewa Drive Ottawa ON K1S 3G3	NNW	211.06	<u>26</u>
FIRST FUEL	812 BRONSON TANK TRUCK (CARGO) OTTAWA CITY ON K1S 4G4	NNW	241.16	<u>31</u>
	302 Homewood Ave Ottawa ON	ESE	249.49	<u>34</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
unknown<UNOFFICIAL>	Newton St and Gordon St Ottawa ON	E	209.11	<u>24</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Sep 30, 2021 has found that there are 2 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	NORTH OF CARLING AVE BTW ADELAID ST con 1 OTTAWA ON <i>Well ID:</i> 1535390	ENE	86.78	4

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ISABELLA ST Ottawa ON <i>Well ID:</i> 7344663	E	116.44	7



Map: 0.25 Kilometer Radius

Order Number: 22020800572

Address: 1 Old Sunset Boulevard, Ottawa, ON

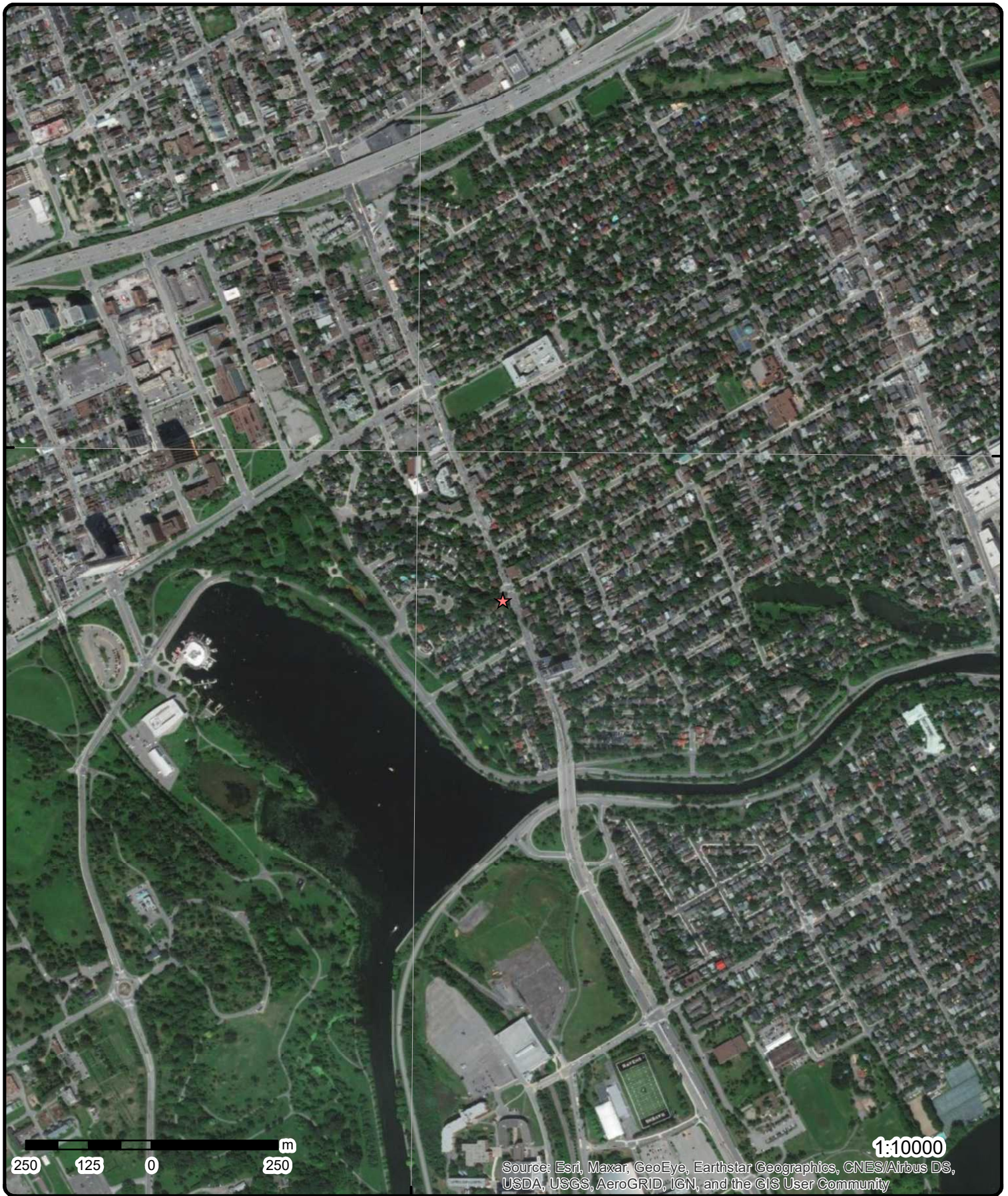


Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Park (National)
Eris Sites with Lower Elevation	Service Road; Traffic Circle; Ramp	Aircraft Roads	Park (City/County)
Eris Sites with Unknown Elevation	Rail	Native Reservation	
		Hospital	

75°42'W

45°24'N

45°24'N



Aerial Year: 2020

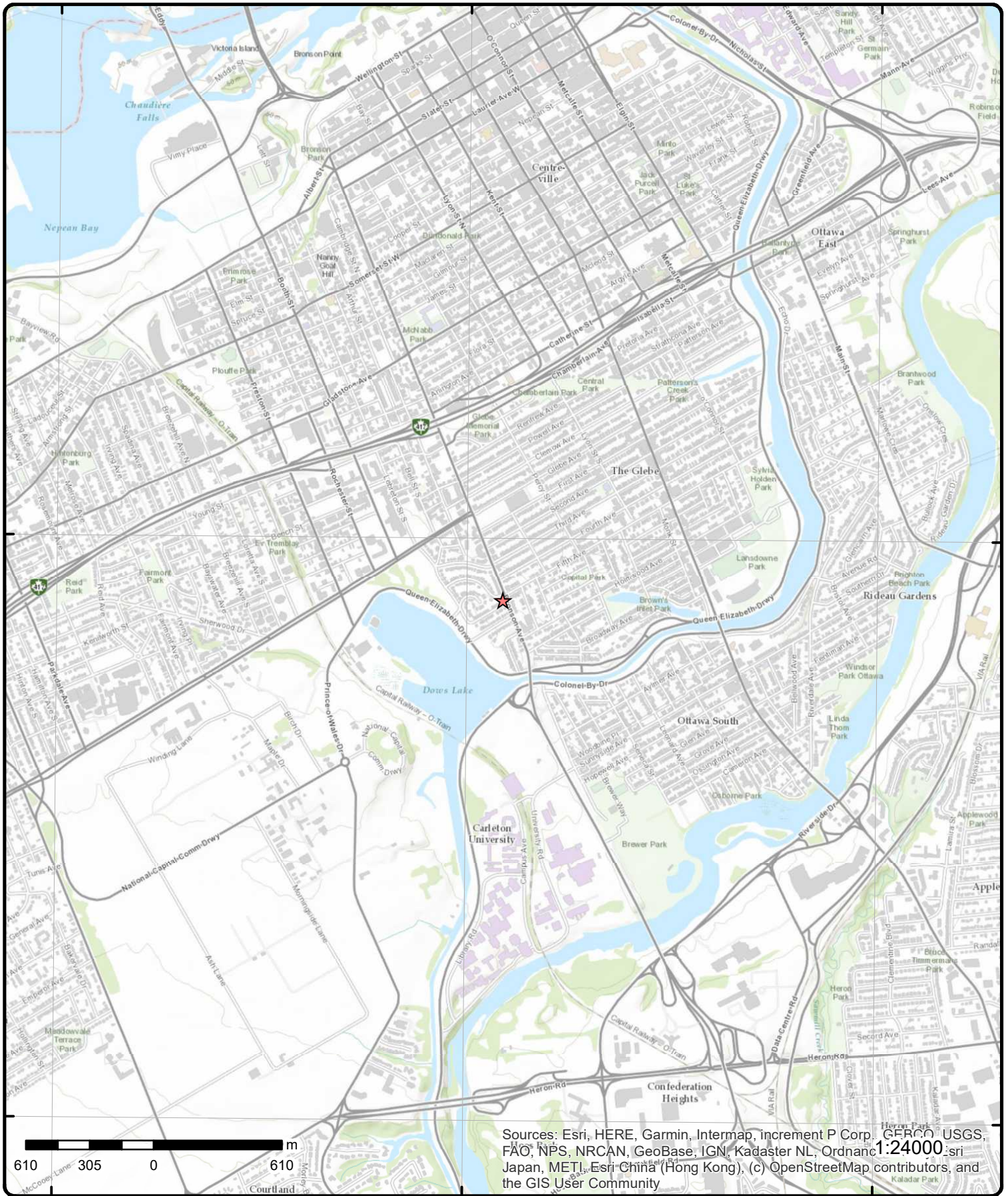
Order Number: 22020800572

Address: 1 Old Sunset Boulevard, Ottawa, ON



Source: ESRI World Imagery

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Topographic Map

Address: 1 Old Sunset Boulevard, ON

Source: ESRI World Topographic Map

Order Number: 22020800572



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p><u>1</u></p> <p>Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:</p>	1 of 1	E/21.6	67.0 / -1.51	<p>OTTAWA CITY COMBINE SEWER REPAIR & REPLA SUNSET BLVD./BRONSON AVE. OTTAWA CITY ON</p>	CA
<p><u>2</u></p> <p>Incident No: Incident ID: Instance No: Status Code: Attribute Category: Context: Date of Occurrence: Time of Occurrence: Incident Created On: Instance Creation Dt: Instance Install Dt: Occur Insp Start Date: Approx Quant Rel: Tank Capacity: Fuels Occur Type: Fuel Type Involved: Enforcement Policy: Prc Escalation Req: Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Cap: Task No: Notes: Drainage System: Sub Surface Contam.: Aff Prop Use Water: Contam. Migrated: Contact Natural Env: Incident Location: Occurrence Narrative: Operation Type Involved:</p>	1 of 1	NW/54.1	70.0 / 1.50	<p>860 BRONSON AVENUE, OTTAWA ON K1S 4G7</p> <p>Any Health Impact: Any Enviro Impact: Service Interrupted: Was Prop Damaged: Reside App. Type: Commer App. Type: Indus App. Type: Institut App. Type: Venting Type: Vent Conn Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved: Pipe Material: Depth Ground Cover: Regulator Location: Regulator Type: Operation Pressure: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Liquid Prop Notes: Equipment Type: Equipment Model: Serial No: Cylinder Capacity: Cylinder Cap Units: Cylinder Mat Type: Near Body of Water:</p>	<p>INC</p> <p>Service / Riser Distribution Pipeline</p> <p>Plastic</p>
<p>338174 2489668</p> <p>Non Mandated FS-Incident</p> <p>860 BRONSON AVENUE, OTTAWA - 1/2" PIPELINE HIT damaged by mechanical equipment</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Item:</i>					
<i>Item Description:</i>					
<i>Device Installed Location:</i>					
<u>3</u>	1 of 2	SE/85.0	69.6 / 1.05	R.M. OF OTTAWA-CARLETON LAKESIDE AVE./BRONSON AVE. OTTAWA CITY ON	CA
<i>Certificate #:</i> 7-0676-96-					
<i>Application Year:</i> 96					
<i>Issue Date:</i> 7/26/1996					
<i>Approval Type:</i> Municipal water					
<i>Status:</i> Approved					
<i>Application Type:</i>					
<i>Client Name:</i>					
<i>Client Address:</i>					
<i>Client City:</i>					
<i>Client Postal Code:</i>					
<i>Project Description:</i>					
<i>Contaminants:</i>					
<i>Emission Control:</i>					
<u>3</u>	2 of 2	SE/85.0	69.6 / 1.05	OTTAWA CITY LAKESIDE AVE./BRONSON AVE. OTTAWA CITY ON	CA
<i>Certificate #:</i> 3-0806-96-					
<i>Application Year:</i> 96					
<i>Issue Date:</i> 7/26/1996					
<i>Approval Type:</i> Municipal sewage					
<i>Status:</i> Approved					
<i>Application Type:</i>					
<i>Client Name:</i>					
<i>Client Address:</i>					
<i>Client City:</i>					
<i>Client Postal Code:</i>					
<i>Project Description:</i>					
<i>Contaminants:</i>					
<i>Emission Control:</i>					
<u>4</u>	1 of 1	ENE/86.8	70.3 / 1.78	NORTH OF CARLING AVE BTW ADELAID ST con 1 OTTAWA ON	WWIS
<i>Well ID:</i> 1535390					
<i>Construction Date:</i>					
<i>Primary Water Use:</i>					
<i>Sec. Water Use:</i>					
<i>Final Well Status:</i> Abandoned-Other					
<i>Water Type:</i>					
<i>Casing Material:</i>					
<i>Audit No:</i> Z20835					
<i>Tag:</i>					
<i>Construction Method:</i>					
<i>Elevation (m):</i>					
<i>Elevation Reliability:</i>					
<i>Depth to Bedrock:</i>					
<i>Well Depth:</i>					
<i>Overburden/Bedrock:</i>					
<i>Pump Rate:</i>					
<i>Data Entry Status:</i>					
<i>Data Src:</i>					
<i>Date Received:</i> 2/9/2005					
<i>Selected Flag:</i> TRUE					
<i>Abandonment Rec:</i> Yes					
<i>Contractor:</i> 1844					
<i>Form Version:</i> 3					
<i>Owner:</i>					
<i>Street Name:</i> NORTH OF CARLING AVE BTW ADELAID ST					
<i>County:</i> OTTAWA					
<i>Municipality:</i> OTTAWA CITY					
<i>Site Info:</i> PART LOT 38					
<i>Lot:</i>					
<i>Concession:</i> 01					
<i>Concession Name:</i>					
<i>Easting NAD83:</i>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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/153\1535390.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2004/12/17			
Year Completed:		2004			
Depth (m):					
Latitude:		45.3978745446009			
Longitude:		-75.696965245114			
Path:		153\1535390.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		11315929		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				18	
Code OB Desc:				East83:	
Open Hole:				445450.00	
Cluster Kind:				North83:	
Date Completed:		17-Dec-2004 00:00:00		5027387.00	
Remarks:				Org CS:	
Elevrc Desc:				UTM83	
Location Source Date:				UTMRC:	
Improvement Location Source:				4	
Improvement Location Method:				UTMRC Desc:	
Source Revision Comment:				margin of error : 30 m - 100 m	
Supplier Comment:				Location Method:	
				wwr	
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933265514			
Layer:		1			
Plug From:		0.0			
Plug To:		4.0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961535390			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11330784			
Casing No:		1			
Comment:					
Alt Name:					
5	1 of 1	NW/92.3	70.6 / 2.05	850 Bronson Avenue, Ottawa ON	PINC

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident ID: Incident No: 794526 Incident Reported Dt: Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Tank Status: RC Established Task No: 3800227 Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: 2012/04/16 Depth: Customer Acct Name: Incident Address: Operation Type: Pipeline Type: Regulator Type: Summary: 850 Bronson Avenue, Ottawa - 4" Pipeline Hit Reported By: Bruce Rozycki - Enbridge Gas Distribution Affiliation: Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes:					
Pipe Material: Fuel Category: Natural Gas Health Impact: Environment Impact: Property Damage: Yes Service Interrupt: Enforce Policy: Yes Public Relation: Pipeline System: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regulator Location: Method Details: E-mail					

<u>6</u>	1 of 1	ENE/98.9	69.9 / 1.36	344-346 Fifth Ave, Ottawa Ottawa ON	EHS
Order No: 20171011112 Status: C Report Type: Standard Report Report Date: 18-OCT-17 Date Received: 11-OCT-17 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos Nearest Intersection: Municipality: Ottawa Client Prov/State: ON Search Radius (km): .25 X: -75.696628 Y: 45.397709					

<u>7</u>	1 of 1	E/116.4	67.9 / -0.57	ISABELLA ST Ottawa ON	WWIS
Well ID: 7344663 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Abandoned-Other Water Type: Casing Material: Audit No: Z286429 Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: Data Entry Status: Data Src: Date Received: 10/22/2019 Selected Flag: TRUE Abandonment Rec: Yes Contractor: 7543 Form Version: 7 Owner: Street Name: ISABELLA ST County: OTTAWA Municipality: NEPEAN TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7344663.pdf

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

Well Completed Date: 2019/08/19
Year Completed: 2019
Depth (m):
Latitude: 45.3973565598527
Longitude: -75.6962944978139
Path: 734\7344663.pdf

Bore Hole Information

Bore Hole ID:	1007687188	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	445502.00
Code OB Desc:		North83:	5027329.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	19-Aug-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:			

Pipe Information

Pipe ID: 1008243517
Casing No: 0
Comment:
Alt Name:

Results of Well Yield Testing

Pump Test ID: 1008244309
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:

<u>8</u>	1 of 1	ENE/118.0	69.8 / 1.33	344 5 Ave Ottawa ON K1S2N7	EHS
Order No:	20141030038	Nearest Intersection:			
Status:	C	Municipality:			
Report Type:	Custom Report	Client Prov/State:	ON		
Report Date:	04-NOV-14	Search Radius (km):	.25		
Date Received:	30-OCT-14	X:	-75.696411		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Previous Site Name:</i>				Y:	45.397788
<i>Lot/Building Size:</i>					
<i>Additional Info Ordered:</i>					

9	1 of 2	WSW/126.8	70.9 / 2.36	43 Old Sunset Blvd. Ottawa ON K1S 3G8	SPL
<i>Ref No:</i>	3753-8EB69F			<i>Discharger Report:</i>	
<i>Site No:</i>				<i>Material Group:</i>	
<i>Incident Dt:</i>	2/21/2011			<i>Health/Env Conseq:</i>	
<i>Year:</i>				<i>Client Type:</i>	
<i>Incident Cause:</i>	Other Discharges			<i>Sector Type:</i>	Other
<i>Incident Event:</i>				<i>Agency Involved:</i>	
<i>Contaminant Code:</i>	13			<i>Nearest Watercourse:</i>	
<i>Contaminant Name:</i>	FURNACE OIL			<i>Site Address:</i>	43 Old Sunset Blvd.
<i>Contaminant Limit 1:</i>				<i>Site District Office:</i>	
<i>Contam Limit Freq 1:</i>				<i>Site Postal Code:</i>	
<i>Contaminant UN No 1:</i>				<i>Site Region:</i>	
<i>Environment Impact:</i>	Possible			<i>Site Municipality:</i>	Ottawa
<i>Nature of Impact:</i>	Soil Contamination			<i>Site Lot:</i>	
<i>Receiving Medium:</i>				<i>Site Conc:</i>	
<i>Receiving Env:</i>				<i>Northing:</i>	
<i>MOE Response:</i>	Referral to others			<i>Easting:</i>	
<i>Dt MOE Arvl on Scn:</i>				<i>Site Geo Ref Accu:</i>	
<i>MOE Reported Dt:</i>	2/21/2011			<i>Site Map Datum:</i>	
<i>Dt Document Closed:</i>	2/23/2011			<i>SAC Action Class:</i>	TSSA - Fuel Safety Branch
<i>Incident Reason:</i>	Spill			<i>Source Type:</i>	
<i>Site Name:</i>	Fuel Tank Spill<UNOFFICIAL>				
<i>Site County/District:</i>					
<i>Site Geo Ref Meth:</i>					
<i>Incident Summary:</i>	TSSA/MOE: 20L spill of furnace oil to basement.				
<i>Contaminant Qty:</i>	20 L				

9	2 of 2	WSW/126.8	70.9 / 2.36	43 Old Sunset Blvd, Ottawa ON	INC
<i>Incident No:</i>	537288			<i>Any Health Impact:</i>	No
<i>Incident ID:</i>	2693730			<i>Any Enviro Impact:</i>	No
<i>Instance No:</i>				<i>Service Interrupted:</i>	Yes
<i>Status Code:</i>	Causal Analysis Complete			<i>Was Prop Damaged:</i>	No
<i>Attribute Category:</i>	FS-Perform L1 Incident Insp			<i>Reside App. Type:</i>	
<i>Context:</i>				<i>Commer App. Type:</i>	
<i>Date of Occurrence:</i>	2011/02/21 00:00:00			<i>Indus App. Type:</i>	
<i>Time of Occurrence:</i>	22:00:00			<i>Institut App. Type:</i>	
<i>Incident Created On:</i>				<i>Venting Type:</i>	
<i>Instance Creation Dt:</i>				<i>Vent Conn Mater:</i>	
<i>Instance Install Dt:</i>				<i>Vent Chimney Mater:</i>	
<i>Occur Insp Start Date:</i>	2011/02/23 00:00:00			<i>Pipeline Type:</i>	
<i>Approx Quant Rel:</i>	2 litres			<i>Pipeline Involved:</i>	
<i>Tank Capacity:</i>				<i>Pipe Material:</i>	
<i>Fuels Occur Type:</i>	Leak			<i>Depth Ground Cover:</i>	
<i>Fuel Type Involved:</i>	Fuel Oil			<i>Regulator Location:</i>	
<i>Enforcement Policy:</i>	NULL			<i>Regulator Type:</i>	
<i>Prc Escalation Req:</i>	NULL			<i>Operation Pressure:</i>	
<i>Tank Material Type:</i>				<i>Liquid Prop Make:</i>	
<i>Tank Storage Type:</i>				<i>Liquid Prop Model:</i>	
<i>Tank Location Type:</i>				<i>Liquid Prop Serial No:</i>	
<i>Pump Flow Rate Cap:</i>				<i>Liquid Prop Notes:</i>	
<i>Task No:</i>	3238389			<i>Equipment Type:</i>	
<i>Notes:</i>				<i>Equipment Model:</i>	
<i>Drainage System:</i>	No			<i>Serial No:</i>	
<i>Sub Surface Contam.:</i>	No			<i>Cylinder Capacity:</i>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Aff Prop Use Water: No Contam. Migrated: No Contact Natural Env: No Incident Location: 43 Old Sunset Blvd, Ottawa - Leak Occurrence Narrative: Leak from rusty tank bottom. Operation Type Involved: Private Dwelling Item: Item Description: Device Installed Location:					
10	1 of 1	NE/144.5	70.6 / 2.05	341 FIFTH AVENUE ROAD Ottawa ON	HINC
External File Num: FS INC 0610-02959 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 10/2/2006 Fuel Type Involved: Natural Gas Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Construction Site (pipeline strike) Service Interruptions: Yes Property Damage: Yes Fuel Life Cycle Stage: Transmission, Distribution and Transportation Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:Yes Management:No Human Factors:Yes Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Ottawa Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					
11	1 of 1	ENE/152.3	69.9 / 1.35	338 FIFTH AVENUE ROAD OTTAWA ON	HINC
External File Num: FS INC 0611-04176 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 10/23/2006 Fuel Type Involved: Natural Gas Status Desc: Completed - No Action Required Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Construction Site (pipeline strike) Service Interruptions: No Property Damage: No Fuel Life Cycle Stage: Transmission, Distribution and Transportation Root Cause: Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Ottawa Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	1 of 1	SSE/161.0	70.6 / 2.05	in front of 964 Bronson Ave Ottawa ON	SPL
Ref No:	4015-A2VUPE			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	10/1/2015			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Industrial
Incident Event:				Agency Involved:	
Contaminant Code:	27			Nearest Watercourse:	
Contaminant Name:	COOLANT N.O.S.			Site Address:	in front of 964 Bronson Ave
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	5027191
MOE Response:	No			Easting:	445451
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	10/1/2015			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure			Source Type:	
Site Name:	coolant spill <UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	City of Ottawa - OC Transpo 6L coolant to rd/cb				
Contaminant Qty:	6 L				
13	1 of 1	ENE/161.8	69.9 / 1.35	336 FIFTH AVENUE ROAD OTTAWA ON	HINC
External File Num:	FS INC 0611-04132				
Fuel Occurrence Type:	Pipeline Strike				
Date of Occurrence:	10/23/2006				
Fuel Type Involved:	Natural Gas				
Status Desc:	Completed - No Action Required				
Job Type Desc:	Incident/Near-Miss Occurrence (FS)				
Oper. Type Involved:	Construction Site (pipeline strike)				
Service Interruptions:	No				
Property Damage:	No				
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation				
Root Cause:					
Reported Details:					
Fuel Category:	Gaseous Fuel				
Occurrence Type:	Incident				
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
County Name:	Ottawa				
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
14	1 of 1	N/169.7	72.0 / 3.47	418 3rd AVENUE OTTAWA ON	HINC
External File Num:	FS INC 0810-06546				
Fuel Occurrence Type:	Pipeline Strike				
Date of Occurrence:	10/22/2008				
Fuel Type Involved:	Natural Gas				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status Desc: Job Type Desc: Oper. Type Involved: Service Interruptions: Property Damage: Fuel Life Cycle Stage: Root Cause:		Completed - Causal Analysis(End) Incident/Near-Miss Occurrence (FS) Construction Site (pipeline strike) Yes Yes Transmission, Distribution and Transportation Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes			
Reported Details: Fuel Category: Occurrence Type: Affiliation: County Name: Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:		Gaseous Fuel Incident Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Ottawa			

15	1 of 2	WSW/172.1	70.9 / 2.36	Enbridge Gas Distribution Inc. 49 Dows Lake Road Ottawa ON	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	0551-ANHMFA 6/20/2017 Leak/Break 35 NATURAL GAS (METHANE) 0 none 1075 Air 6/20/2017 Operator/Human Error residential <UNOFFICIAL>	Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	2 - Minor Environment Corporation Miscellaneous Industrial 49 Dows Lake Road Ottawa Eastern Ottawa Pipeline/Components	TSSAfsb ½ in pl IP gas srvc dmgd, made safe 0 other - see incident description	

15	2 of 2	WSW/172.1	70.9 / 2.36	PIPELINE HIT 1/2" 49 DOWS LAKE RD,, OTTAWA, ON, K1S 4L3, CA ON	PINC
Incident ID: Incident No: Incident Reported Dt: Type: Status Code: Tank Status: Task No: Spills Action Centre: Fuel Type:	2100580 6/20/2017 FS-Pipeline Incident Pipeline Damage Reason Est	Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: Incident Address: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:					
		PIPELINE HIT 1/2"		PSIG: Attribute Category: Regulator Location: Method Details:	
49 DOWS LAKE RD.,OTTAWA,ON,K1S 4L3,CA					
16	1 of 1	SE/173.4	70.9 / 2.36	CANSO PRINTING SERVICES LTD. 07-601 969 BRONSON AVENUE CARLETON ON K1S 4G8	GEN
Generator No:		ON1657700		Status:	
SIC Code:		2819		Co Admin:	
SIC Description:		OTHER COMM. PRINTING		Choice of Contact:	
Approval Years:		92,93,94,95,96,97,98		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
Detail(s)					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
17	1 of 2	ESE/175.8	69.9 / 1.35	66 Muriel Street Ottawa ON K1S 4E1	EHS
Order No:		21053100090		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		03-JUN-21		Search Radius (km): .25	
Date Received:		31-MAY-21		X: -75.6960148	
Previous Site Name:				Y: 45.3963703	
Lot/Building Size:					
Additional Info Ordered:					
17	2 of 2	ESE/175.8	69.9 / 1.35	66 Muriel Street Ottawa ON K1S 4E1	EHS
Order No:		21053100090		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		03-JUN-21		Search Radius (km): .25	
Date Received:		31-MAY-21		X: -75.6960148	
Previous Site Name:				Y: 45.3963703	
Lot/Building Size:					
Additional Info Ordered:					
18	1 of 1	WSW/179.1	69.8 / 1.27	55 Old Sunset Blvd Ottawa ON	SPL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ref No:	4046-9KBKWL			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2014/05/21			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Leak/Break			Sector Type:	Tank - Underground
Incident Event:				Agency Involved:	
Contaminant Code:	13			Nearest Watercourse:	
Contaminant Name:	FURNACE OIL			Site Address:	55 Old Sunset blvd
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Confirmed			Site Municipality:	Ottawa
Nature of Impact:	Soil Contamination			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	Referral to others			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2014/05/21			Site Map Datum:	
Dt Document Closed:	2014/08/11			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Equipment Failure			Source Type:	
Site Name:	Residence<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA: furnace oil found during tank removal				
Contaminant Qty:	0 other - see incident description				

19	1 of 1	SE/189.2	70.9 / 2.39	HOMESTEAD LAND HOLDINGS LTD 315 holmwood ave OTTAWA ON K1S2R2	GEN
Generator No:	ON9682516			Status:	Registered
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Dec 2018			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:	122 C				
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)				

20	1 of 1	E/199.7	68.5 / 0.02	OTTAWA CITY GORDON ST/HOLMWOOD/FIFTH STS. OTTAWA CITY ON	CA
Certificate #:	3-0057-99-				
Application Year:	99				
Issue Date:	2/9/1999				
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
21	1 of 2	SE/201.4	70.9 / 2.36	ENBRIDGE GAS INC BRONSON AVE & HOLMWOOD AVE., OTTAWA, ON, K1S 2R2, CA ON	PINC
Incident ID: Incident No: 2798670 Incident Reported Dt: 3/9/2020 Type: FS-Pipeline Incident Status Code: Tank Status: Pipeline Damage Reason Est Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: ENBRIDGE GAS INC Incident Address: BRONSON AVE & HOLMWOOD AVE., OTTAWA, ON, K1S 2R2, CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:		Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:			
21	2 of 2	SE/201.4	70.9 / 2.36	Enbridge Gas Distribution Inc. Bronson Ave and Holmwood Avenue Ottawa ON	SPL
Ref No: 1031-BMGT8G Site No: NA Incident Dt: 2020/03/07 Year: Incident Cause: Incident Event: Leak/Break Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: 0 Contam Limit Freq 1: none 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: 2020/03/07 Dt Document Closed: 2020/05/16 Incident Reason: Operator/Human Error Site Name: road allowance<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: TSSAfsb ½ in pl gas srvc dmgd IP made safe Contaminant Qty: 0 other - see incident description		Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Client Type: Corporation Sector Type: Miscellaneous Industrial Agency Involved: Nearest Watercourse: Site Address: Bronson Ave and Holmwood Avenue 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 Program Notifications Source Type: Pipeline/Components			
22	1 of 1	NNE/205.2	71.8 / 3.31	408 3rd AVENUE OTTAWA ON	HINC

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
External File Num: FS INC 0810-06538 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 10/17/2008 Fuel Type Involved: Natural Gas Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Construction Site (pipeline strike) Service Interruptions: Yes Property Damage: Yes Fuel Life Cycle Stage: Transmission, Distribution and Transportation Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Ottawa Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					

[23](#) 1 of 1 W/206.3 70.1 / 1.55 R.M. OF OTTAWA-CARLETON CRESCENT HEIGHTS/OPEONGO RD. OTTAWA CITY ON CA

Certificate #: 7-0323-97-
Application Year: 97
Issue Date: 4/25/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

[24](#) 1 of 1 E/209.1 67.8 / -0.77 unknown<UNOFFICIAL> Newton St and Gordon St Ottawa ON SPL

Ref No: 5678-97TNL4	Discharger Report:
Site No:	Material Group:
Incident Dt: 18-MAY-13	Health/Env Conseq:
Year:	Client Type:
Incident Cause: Unknown / N/A	Sector Type: Unknown / N/A
Incident Event:	Agency Involved:
Contaminant Code: 12	Nearest Watercourse:
Contaminant Name: GASOLINE	Site Address: Newton St and Gordon St
Contaminant Limit 1:	Site District Office:
Contam Limit Freq 1:	Site Postal Code:
Contaminant UN No 1:	Site Region:
Environment Impact: Not Anticipated	Site Municipality: Ottawa
Nature of Impact: Surface Water Pollution	Site Lot:
Receiving Medium:	Site Conc:
Receiving Env:	Northing:
MOE Response: No Field Response	Easting:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Dt MOE Arvl on Scn: MOE Reported Dt: 18-MAY-13 Dt Document Closed: Incident Reason: Unknown / N/A Site Name: road allowance<UNOFFICIAL> Site Geo Ref Meth: Incident Summary: Newton St: gasoline to stm swr; Ottawa PW invstng Contaminant Qty: 0 other - see incident description</p>					
25	1 of 1	ENE/209.8	70.0 / 1.44	9 Gordon Street Ottawa ON	SPL
<p>Ref No: 5006-ACMN9W Site No: NA Incident Dt: 2016/08/08 Year: Incident Cause: Incident Event: Leak/Break Contaminant Code: 13 Contaminant Name: FUEL OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Land MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2016/08/08 Dt Document Closed: Incident Reason: Equipment Failure Site Name: Residence<UNOFFICIAL> Site Geo Ref Meth: Incident Summary: Mannion Petroleum: Leaking fuel oil tank in soil basement Contaminant Qty: 0 other - see incident description</p>					
26	1 of 2	NNW/211.1	72.6 / 4.08	7 Kippewa Drive Ottawa ON K1S 3G3	SPL
<p>Ref No: 1082-A29LG9 Site No: NA Incident Dt: 9/10/2015 Year: Incident Cause: Incident Event: Contaminant Code: 15 Contaminant Name: HYDRAULIC OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 9/11/2015 Dt Document Closed: 12/1/2015</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Reason: Equipment Failure Site Name: resi apt bldg<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: ThyssenKrupp : hyd oil leak from elevator; unknwn qty Contaminant Qty: 1 L Source Type:					
26	2 of 2	NNW/211.1	72.6 / 4.08	Carleton Condominium Corporation No. 357 7 Kippewa Dr. Ottawa ON K1S3G3	GEN
Generator No: ON3067331 SIC Code: 531390 SIC Description: OTHER ACTIVITIES RELATED TO REAL ESTATE Approval Years: 2015 PO Box No: Country: Canada Status: Co Admin: Choice of Contact: CO_OFFICIAL Phone No Admin: Contam. Facility: No MHSW Facility: No					
Detail(s)					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
27	1 of 2	NNW/212.0	72.6 / 4.07	1737924 Ontario Inc. 804-824 Bronson Ave Ottawa ON	CA
Certificate #: 6513-7NNRMC Application Year: 2009 Issue Date: 2/10/2009 Approval Type: Municipal and Private Sewage Works Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
27	2 of 2	NNW/212.0	72.6 / 4.07	1737924 Ontario Inc. 804-824 Bronson Ave Ottawa ON K2A 0E7	ECA
Approval No: 6513-7NNRMC Approval Date: 2009-02-10 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: 1737924 Ontario Inc. Address: 804-824 Bronson Ave Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1234-7M8LBR-14.pdf PDF Site Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
28	1 of 1	NNE/231.7	72.9 / 4.36	402 3rd AVENUE OTTAWA ON	HINC
External File Num:		FS INC 0809-05755			
Fuel Occurrence Type:		Pipeline Strike			
Date of Occurrence:		9/26/2008			
Fuel Type Involved:		Natural Gas			
Status Desc:		Completed - Causal Analysis(End)			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Construction Site (pipeline strike)			
Service Interruptions:		Yes			
Property Damage:		No			
Fuel Life Cycle Stage:		Transmission, Distribution and Transportation			
Root Cause:		Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:No Human Factors:No			
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
29	1 of 1	SE/236.5	69.9 / 1.36	308 HOLMWOOD AVENUE OTTAWA ON K1S 2R3	HINC
External File Num:		FS INC 0710-06472			
Fuel Occurrence Type:		Pipeline Strike			
Date of Occurrence:		10/20/2007			
Fuel Type Involved:		Natural Gas			
Status Desc:		Completed - Causal Analysis(End)			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Construction Site (pipeline strike)			
Service Interruptions:		No			
Property Damage:		Yes			
Fuel Life Cycle Stage:		Transmission, Distribution and Transportation			
Root Cause:		Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:Yes Training: No Management:Yes Human Factors:Yes			
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
30	1 of 1	SSE/238.2	70.8 / 2.27	994 Bronson Ave Ottawa ON K1S4H1	EHS
Order No:		20170110071		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		16-JAN-17		Search Radius (km): .25	
Date Received:		10-JAN-17		X: -75.696751	
Previous Site Name:				Y: 45.395329	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size:					
Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos					
31	1 of 1	NNW/241.2	72.9 / 4.36	FIRST FUEL 812 BRONSON TANK TRUCK (CARGO) OTTAWA CITY ON K1S 4G4	SPL
Ref No:	45923			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	1/22/1991			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	OTHER CONTAINER LEAK			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	POSSIBLE			Site Municipality:	20101
Nature of Impact:	Soil contamination			Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	1/22/1991			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:	FIRST FUELS TANKER TRUCK-50 L FURNACE OIL TO STREET.				
Contaminant Qty:					
32	1 of 2	S/243.5	70.9 / 2.39	ADRIAN O'DONNELL 10 LAKEVIEW TERR OTTAWA K1S 3H4 ON CA ON	EXP
Instance No:	61237780			Model:	NULL
Status:	EXPIRED			Quantity:	1
Instance ID:				Unit of Measure:	EA
Instance Type:				Fuel Type2:	
Instance Creation Dt:	2/5/2009			Fuel Type3:	
Instance Install Dt:	2/5/2009			Piping Steel:	
Item:				Piping Galvanized:	
Item Description:	Fuel Oil Tank			Tank Single Wall St:	
Facility Type:	FS FUEL OIL TANK			Piping Underground:	
Overfill Prot Type:				Tank Underground:	
Creation Date:	7/5/2009 3:14:52 AM			Panam Related:	NULL
Expired Date:				Panam Venue Nm:	NULL
Manufacturer:	NULL				
Description:	NULL				
Serial No:	NULL				
Ulc Standard:	NULL				
Facility Location:	10 LAKEVIEW TERR OTTAWA K1S 3H4 ON CA				
Source:	FS Fuel Oil Tank				
32	2 of 2	S/243.5	70.9 / 2.39	ADRIAN O'DONNELL 10 LAKEVIEW TERR OTTAWA K1S 3H4 ON CA ON	CFOT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Licence No: Registration No: Posse File No: Posse Reg No: Status Name: Tank Type: Liquid Fuel Single Wall UST Tank Size: 2000 Tank Material: Steel Instance No: 61237780 Inst Creation Date: 2/5/2009 Inst Install Date: 2/5/2009 Item: FS FUEL OIL TANK Tank Age (as of 05/1992): Device Installed Location: 10 LAKEVIEW TERR OTTAWA K1S 3H4 ON CA Description: NULL Contact Name: Contact Address: Contact Address2: Contact Suite: Contact City: Contact Prov: Contact Postal:		Item Description: Fuel Oil Tank Instance Type: FS Fuel Oil Tank Facility Type: FS Fuel Oil Tank Fuel Type: Fuel Oil Distributor: Letter Sent: Comments: Corrosion Protect: Province: Nbr: Context: FS Fuel Oil Tank			

33	1 of 1	N/243.8	73.2 / 4.69	407 3rd AVENUE OTTAWA ON	HINC
External File Num: FS INC 0811-06976 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 10/31/2008 Fuel Type Involved: Natural Gas Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Construction Site (pipeline strike) Service Interruptions: No Property Damage: Yes Fuel Life Cycle Stage: Transmission, Distribution and Transportation Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Ottawa Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					

34	1 of 1	ESE/249.5	69.9 / 1.36	302 Homewood Ave Ottawa ON	SPL
Ref No: 2881-8XZNZY Site No: Incident Dt: 10-SEP-12 Year: Incident Cause: Incident Event: Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1:		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: 302 Homewood Ave Site District Office: Site Postal Code:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed:				Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	Ottawa TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed:	Referral to others				
Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:		Enbridge: gasoline<UNOFFICIAL>		Source Type:	
		TSSA: gasoline main damaged 0 other - see incident description			

Unplottable Summary

Total: 20 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	Holmwood Ave	Ottawa ON	
CA	City of Ottawa	Dow's Lake Road (Kippewa Drive to Old Sunset Boulevard)	Ottawa ON	
CA	OTTAWA CITY	FINDLAY AVE	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	THIRD AVE./FOURTH AVE.	OTTAWA CITY ON	
CA	Regional Municipality of Ottawa-Carleton	HOLMWOOD AVENUE	OTTAWA CITY ON	
CA	OTTAWA CITY	FINDLAY AVENUE	OTTAWA CITY ON	
CA	OTTAWA CITY	HOLMWOOD AVENUE	OTTAWA CITY ON	
ECA	The Corporation of the City of Ottawa	Bronson Ave	Ottawa ON	K2G 6J8
GEN	City of Ottawa	Bronson Avenue between Arlington - Laurier W	Ottawa ON	
GEN	City of Ottawa	Bronson Avenue between Arlington - Laurier W	Ottawa ON	
LIMO		Lot I BROKEN FRONT C NEPEAN Ottawa	ON	
LIMO		Lot I BROKEN FRONT B NEPEAN Ottawa	ON	
NPCB	AGRICULTURE CANADA	CENTRAL EXPERIMENTAL FARM; MADAWASKA & COW LANE	OTTAWA ON	K1A 0C6
NPCB	AGRICULTURE CANADA	CENTRAL EXPERIMENTAL FARM; MADAWASKA & COW LANE	OTTAWA ON	K1A 0C6
SPL	Enbridge Gas Distribution Inc.	Bronson Avenue near Fourth Ave.	Ottawa ON	
SPL		RIDEAU RIVER, AT BRONSON AVE NEAR \	OTTAWA CITY ON	
SPL	City of Ottawa	Exit onto Bronson Ave	Ottawa ON	
SPL		Bronson Ave	Ottawa ON	

SPL	LECLAIR FUELS LTD.	BRONSON AVENUE TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	CONSTRUCTION COMPANY	BRONSON AVENUE AT RIDEAU RIVER.	OTTAWA CITY ON

Unplottable Report

Site: City of Ottawa
Holmwood Ave Ottawa ON

Database:
CA

Certificate #: 3329-74LRK7
Application Year: 2007
Issue Date: 7/6/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: City of Ottawa
Dow's Lake Road (Kippewa Drive to Old Sunset Boulevard) Ottawa ON

Database:
CA

Certificate #: 2546-8H6LRE
Application Year: 2011
Issue Date: 5/24/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
FINDLAY AVE OTTAWA CITY ON

Database:
CA

Certificate #: 3-1306-88-
Application Year: 88
Issue Date: 8/5/1988
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
THIRD AVE./FOURTH AVE. OTTAWA CITY ON

Database:
CA

Certificate #: 7-0844-95-
Application Year: 95

Issue Date: 8/22/1995
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Regional Municipality of Ottawa-Carleton**
HOLMWOOD AVENUE OTTAWA CITY ON

Database:
CA

Certificate #: 7-1089-92-
Application Year: 92
Issue Date: 10/21/1992
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**
FINDLAY AVENUE OTTAWA CITY ON

Database:
CA

Certificate #: 7-1132-88-
Application Year: 88
Issue Date: 8/5/1988
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**
HOLMWOOD AVENUE OTTAWA CITY ON

Database:
CA

Certificate #: 3-1400-92-
Application Year: 92
Issue Date: 10/21/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: The Corporation of the City of Ottawa
Bronson Ave Ottawa ON K2G 6J8

Database:
ECA

Approval No: 7288-B9LLJC
Approval Date: 2019-03-05
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the City of Ottawa
Address: Bronson Ave
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8437-B9BKWH-13.pdf>
PDF Site Location:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: City of Ottawa
Bronson Avenue between Arlington - Laurier W Ottawa ON

Database:
GEN

Generator No: ON3229547
SIC Code: 237110
SIC Description: WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION
Approval Years: 2013
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Site: City of Ottawa
Bronson Avenue between Arlington - Laurier W Ottawa ON

Database:
GEN

Generator No: ON3229547
SIC Code: 237110
SIC Description: Water and Sewer Line and Related Structures Construction
Approval Years: 2012
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Site: Lot I BROKEN FRONT C NEPEAN Ottawa ON

Database:
LIMO

ECA/Instrument No: X1100
Oper Status 2016: Historic
C of A Issue Date:
C of A Issued to:
Lndfl Gas Mgmt (P):
Lndfl Gas Mgmt (F):
Lndfl Gas Mgmt (E):
Lndfl Gas Mgmt Sys:
Landfill Gas Mntr:
Leachate Coll Sys:
ERC Est Vol (m3):
ERC Volume Unit:
ERC Dt Last Det:
Landfill Type:
Source File Type: Historic and Closed Landfills
Fill Rate:
Fill Rate Unit:
Tot Fill Area (ha):
Tot Site Area (ha):

Natural Attenuation:
Liners:
Cover Material:
Leachate Off-Site:
Leachate On Site:
Req Coll Lndfl Gas:
Lndfl Gas Coll:
Total Waste Rec:
TWR Methodology:
TWR Unit:
Tot Aprv Cap Unit:
Financial Assurance:
Last Report Year:
MOE Region:
MOE District:
Site County:
Lot:
Concession:
Latitude:

Footprint:
Tot Apprv Cap (m3):
Contam Atten Zone:
Grndwtr Mntr:
Surf Wtr Mntr:
Air Emis Monitor:
Approved Waste Type:
Client Site Name:
ERC Methodology:
Site Name:
Site Location Details:

Lot I BROKEN FRONT C NEPEAN
Ottawa

Longitude:
Easting:
Northing:
UTM Zone:
Data Source:

Service Area:
Page URL:

Site: Lot I BROKEN FRONT B NEPEAN Ottawa ON

Database:
LIMO

ECA/Instrument No: X1101
Oper Status 2016: Historic
C of A Issue Date:
C of A Issued to:
Lndfl Gas Mgmt (P):
Lndfl Gas Mgmt (F):
Lndfl Gas Mgmt (E):
Lndfl Gas Mgmt Sys:
Landfill Gas Mntr:
Leachate Coll Sys:
ERC Est Vol (m3):
ERC Volume Unit:
ERC Dt Last Det:

Landfill Type:
Source File Type: Historic and Closed Landfills
Fill Rate:
Fill Rate Unit:
Tot Fill Area (ha):
Tot Site Area (ha):
Footprint:
Tot Apprv Cap (m3):
Contam Atten Zone:
Grndwtr Mntr:
Surf Wtr Mntr:
Air Emis Monitor:
Approved Waste Type:
Client Site Name:
ERC Methodology:
Site Name:
Site Location Details:

Lot I BROKEN FRONT B NEPEAN
Ottawa

Service Area:
Page URL:

Natural Attenuation:
Liners:
Cover Material:
Leachate Off-Site:
Leachate On Site:
Req Coll Lndfl Gas:
Lndfl Gas Coll:
Total Waste Rec:
TWR Methodology:
TWR Unit:
Tot Apprv Cap Unit:
Financial Assurance:
Last Report Year:
MOE Region:
MOE District:
Site County:
Lot:
Concession:
Latitude:
Longitude:
Easting:
Northing:
UTM Zone:
Data Source:

Site: AGRICULTURE CANADA
CENTRAL EXPERIMENTAL FARM; MADAWASKA & COW LANE OTTAWA ON K1A 0C6

Database:
NPCB

Company Code: O3002
Industry: Agriculture Canada
Site Status:
Transaction Date: 9/29/1995
Inspection Date: 12/1/1995

--Details--
Label:
Serial No.:

PCB Type/Code: Unknown concentration
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 7.50 KG

Label:
Serial No.:
PCB Type/Code: Unknown concentration
Location:
Item/State:
No. of Items:
Manufacturer:
Status: Stored for Disposal
Contents: 3160.00 KG

Site: **AGRICULTURE CANADA**
CENTRAL EXPERIMENTAL FARM; MADAWASKA & COW LANE OTTAWA ON K1A 0C6

Database:
NPCB

Company Code: O3002
Industry: Agriculture Canada
Site Status:
Transaction Date: 6/7/1991
Inspection Date: 5/6/1990

Site: **Enbridge Gas Distribution Inc.**
Bronson Avenue near Fourth Ave. Ottawa ON

Database:
SPL

Ref No:	3447-8TESBJ	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	16-APR-12	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Pipe Or Hose Leak	Sector Type:	Pipeline
Incident Event:		Agency Involved:	
Contaminant Code:	35	Nearest Watercourse:	
Contaminant Name:	NATURAL GAS, COMPRESSED (METHANE)	Site Address:	Bronson Avenue near Fourth Ave.
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:		Site Lot:	
Receiving Medium:	Sewage - Municipal/Private and Commercial	Site Conc:	
Receiving Env:		Northing:	
MOE Response:	Referral to others	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	16-APR-12	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Air Spills - Gases and Vapours
Incident Reason:	Spill	Source Type:	
Site Name:	4" intermediate pressure natural gas main damage<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Enbridge, TSSA FSB: 4" Gas Main Strike, Nat Gas to Air		
Contaminant Qty:			

Site: **RIDEAU RIVER, AT BRONSON AVE NEAR \ OTTAWA CITY ON**

Database:
SPL

Ref No:	94444	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	11/22/1993	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:		Sector Type:	
Incident Event:		Agency Involved:	

Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 11/22/1993
Dt Document Closed:
Incident Reason:
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: City of Ottawa
Exit onto Bronson Ave Ottawa ON

Database:
SPL

Ref No: 3585-5RV5CT
Site No:
Incident Dt: 9/29/2003
Year:
Incident Cause: Unknown
Incident Event:
Contaminant Code: 15
Contaminant Name: POWER STEARING FLUID
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact:
Receiving Medium: Water
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/29/2003
Dt Document Closed:
Incident Reason: Other - Reason not otherwise defined
Site Name: CARLETON UNIVERSITY - CATCH BASIN AT...<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo- 10 L power steer.fl. to cb. cleaning
Contaminant Qty: 10 L

Discharger Report:
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Spills
Source Type:

Site: Bronson Ave Ottawa ON

Database:
SPL

Ref No: 5310-7DDTQN
Site No:
Incident Dt:
Year:
Incident Cause: Unknown
Incident Event:
Contaminant Code: 27
Contaminant Name: COOLANT N.O.S.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact:
Receiving Medium:
Receiving Env:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other Motor Vehicle
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:

MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/4/2008
Dt Document Closed: 4/17/2008
Incident Reason: Equipment Failure
Site Name: Carleton University<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo: Antifreeze to sewer from bus. Carleton U.
Contaminant Qty: 25 L

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

Site: LECLAIR FUELS LTD.
BRONSON AVENUE TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 9634
Site No:
Incident Dt: 9/21/1988
Year:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/21/1988
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: OMHEU TRUCK-100 L GASOLINE SPILLED TO CATCHBASIN AND ROAD
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting: CITY OF OTTAWA
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: CONSTRUCTION COMPANY
BRONSON AVENUE AT RIDEAU RIVER. OTTAWA CITY ON

Database:
SPL

Ref No: 93972
Site No:
Incident Dt: 11/30/1993
Year:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact: Water course or lake
Receiving Medium: WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 11/30/1993
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: CONSTRUCTION COMPANY- DIESEL TO RIVER FROM OVERTURNED CRANE.

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Contaminant Qty:

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 Nov 2021

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-Sep 30, 2021

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 2019

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: May 31, 2021

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-Sep 30, 2021

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 -Nov 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-Jul 2021

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 - Dec 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: May 31, 2021

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- Dec 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 - Dec 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- Dec 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-Nov 30, 2021

Environmental Issues Inventory System:

Federal **EIIS**

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

List of Expired Fuels Safety Facilities:

Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: May 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-Nov 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: May 31, 2021

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-Nov 30, 2021

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO₂ eq).

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents:

Provincial

[HINC](#)

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

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-Jun 30, 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-Nov 30, 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-Jan 2021

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 - Dec 31, 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- Dec 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: May 31, 2021

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 - Dec 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, 1992-2019

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-Dec 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-Sep 30, 2021

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-Sep 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

Variations 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: May 31, 2021

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- Dec 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 30th, 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: Sep 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

Nick Sullivan, B.Sc.

patersongroup

Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Services

POSITION

Environmental Scientist

EDUCATION

McMaster University, B.Sc. 2016
Earth & Environmental Science

Niagara College, Cert. 2017
Environmental Management & Assessment

EXPERIENCE

2018 – Present

Paterson Group Inc.

Consulting Engineers
Geotechnical and Environmental Division
Environmental Scientist

SELECT LIST OF PROJECTS

Phase I & II Environmental Site Assessments
Contaminated Soil and Groundwater Field Sampling
Subsurface Investigations of Soil and Rock Stratigraphy
Supervision of Environmental Remediation Programs
Designated Substance Surveys

Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Services

POSITION

Associate and Supervisor of the Environmental Division
Senior Environmental/Geotechnical Engineer

EDUCATION

Queen's University, B.A.Sc.Eng, 1991
Geotechnical / Geological Engineering

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

EXPERIENCE

1991 to Present

Paterson Group Inc.

Associate and Senior Environmental/Geotechnical Engineer
Environmental and Geotechnical Division
Supervisor of the Environmental Division

SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island
Agricultural Supply Facilities - Eastern Ontario
Laboratory Facility - Edmonton (Alberta)
Ottawa International Airport - Contaminant Migration Study - Ottawa
Richmond Road Reconstruction - Ottawa
Billings Hurdman Interconnect - Ottawa
Bank Street Reconstruction - Ottawa
Environmental Review - Various Laboratories across Canada - CFIA
Dwyer Hill Training Centre - Ottawa
Nortel Networks Environmental Monitoring - Carling Campus - Ottawa
Remediation Program - Block D Lands - Kingston
Investigation of former landfill sites - City of Ottawa
Record of Site Condition for Railway Lands - North Bay
Commercial Properties - Guelph and Brampton
Brownfields Remediation - Alcan Site - Kingston
Montreal Road Reconstruction - Ottawa
Appleford Street Residential Development - Ottawa
Remediation Program - Ottawa Train Yards
Remediation Program - Bayshore and Heron Gate
Gladstone Avenue Reconstruction - Ottawa
Somerset Avenue West Reconstruction - Ottawa