Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

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# Phase I - Environmental Site Assessment

3040 & 3044 Innes Road
Ottawa, Ontario

Prepared For

Landric Homes

May 26, 2021

Report: PE5255-1

**Paterson Group Inc.**

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# EXECUTIVE SUMMARY

## Assessment

Paterson Group was commissioned by Landric Homes to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for the properties addressed 3040 and 3044 Innes Road in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject site and study area as well as to identify any environmental concerns with the potential to have impacted the subject site.

According to the historical research, the subject site was first developed for residential purposes sometime prior to 1965. No environmental concerns were identified with respect to the historical use of the subject site.

The neighbouring lands in the vicinity of the subject site have historically been developed for residential purposes, with the exception of a fire station and a church east of the subject site and a government research facility further north, across Innes Road. No environmental concerns were identified with respect to the historical use of the subject site.

Following the historical review, a site inspection was conducted to assess the present-day environmental conditions of the subject site. The subject site is currently occupied with two residential dwellings and accompanying storage buildings/sheds. No environmental concerns were identified with respect to the current use of the subject site.

The neighbouring lands within the vicinity of the subject site were generally observed to be used for residential purposes. No environmental concerns were identified with respect to the surrounding 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 subject site.**

## Recommendations

### Hazardous Building Materials

Based on the age of the subject buildings (c. prior to 1965), lead-based paints may be present, on any original or older painted surfaces. The painted surfaces within the subject buildings were generally observed to be in good condition and do not pose an immediate concern to the occupants of the buildings. Major work involving lead-based paint or other lead containing products must be done in accordance with O.Reg. 843, under the Occupational Health and Safety Act.

If the buildings are being demolished, the above noted testing can be done as part of a designated substance survey.

# 1.0 INTRODUCTION

At the request of Landric Homes, Paterson Group (Paterson) conducted a Phase I – Environmental Site Assessment (Phase I ESA) for 3040 and 3044 St Innes Road, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject site and study area as well as to identify any environmental concerns with the potential to have impacted the subject site.

Paterson was engaged to conduct this Phase I ESA by Mr. Matthew Firestone of Landric Homes. Mr. Firestone can be reached by telephone at 613.794.5560.

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

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

# 2.0 PROPERTY INFORMATION

| | |
|---|---|
| Address: | 3040 & 3044 Innes Road, Ottawa, Ontario. |
| Legal Description: | Part of Lot 10, Concession 3 (Ottawa Front), Formerly the Township of Gloucester, in the City of Ottawa, Ontario. |
| Location: | The subject site is located on the south side of Innes Road just east of Cleroux Crescent, in the City of Ottawa, Ontario. Refer to Figure 1 – Key Plan for the site location. |
| Latitude and Longitude: | 45° 26' 20.3244" N, 75° 32' 44.4516" W & |
| | 45° 26' 20.7708" N, 75° 32' 43.5624" W |

**Site Description:**

| | |
|---|---|
| Configuration: | Rectangular. |
| Site Area: | 0.14 ha for both properties. |
| Zoning: | R2N – Residential Second Density Zone |
| Current Uses: | The subject site is currently occupied with two residential dwellings with associated laneways and storage buildings/sheds. |
| Services: | The subject site 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 subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases, and regulatory agencies;
- ❒ Investigate the existing conditions present at the subject site 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;
- ❒ Provide a preliminary environmental site evaluation based on our findings;
- ❒ Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

# 4.0 RECORDS REVIEW

## 4.1 General

### Phase I ESA Study Area Determination

A radius of approximately 250 m was determined to be appropriate as a Phase I ESA study area for this assignment. Properties located outside of this 250 m radius are not considered to have had the potential to impact the subject site, based on their significant distance away from the site.

### First Developed Use Determination

Based on a review of available historical information, the subject site was first developed prior to 1965 for residential purposes.

### City of Ottawa Street Directories

Due to COVID restrictions and limited access, the City Directories are currently not available for the area of the subject site.

### Fire Insurance Plans

Fire Insurance Plans (FIPs) are not available for the subject site or neighbouring properties.

## 4.2 Environmental Source Information

### National Pollutant Release Inventory

A search of the National Pollutant Release Inventory (NPRI) was conducted as part of this assessment. No records of any pollutant releases were identified for the subject site or for any properties situated within the Phase I study area.

### PCB Waste Storage Site Inventory

A search of the national PCB waste storage site inventory was conducted as part of this assessment. According to the database, no PCB waste storage sites are located within 250m of the vicinity of the subject property.

### MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, *"Waste Disposal Site Inventory in Ontario, 1991"* was reviewed as part of this assessment. This document includes all recorded active and closed waste

disposal sites, industrial manufactured gas plants, and coal tar distillation plants situated in the Province of Ontario. A review of this document did not identify any relevant records pertaining to the subject site or for properties located 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 subject site. A review of this document did not identify any former coal gasification plants located on the subject site 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. No Records of Site Condition (RSCs) were identified in the database has having been filed for any properties within the Phase I study area.

**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 subject site. A response from the MECP had not been received prior to the issuance of this report.

**MECP Submissions**

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

**MECP Waste Management Records**

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

### 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 subject site or neighbouring properties. A response from the MECP had not been received prior to the issuance of this report.

### Areas of Natural Significance

A search for areas of natural and scientific interest situated within the Phase I study area was conducted electronically via the Ontario Ministry of Natural Resources and Forestry (OMNRF) website. The search did not identify any natural features of areas of natural significance within the Phase I study area.

### Technical Standards and Safety Authority (TSSA)

The TSSA Fuels Safety Branch in Toronto was contacted electronically, as part of this assessment, to inquire about current and former underground fuel storage tanks, spills, and historical incidents for the subject site and neighbouring properties.

The response from the TSSA indicated that no records were identified pertaining to the subject site or the neighbouring properties. A copy of the correspondence with the TSSA is included in Appendix 2.

### City of Ottawa Old Landfill Sites

The document prepared by Golder Associates entitled, *"Old Landfill Management Strategy, Phase I - Identification of Sites, City of Ottawa"*, was reviewed as part of this assessment. No former landfill sites were identified on the subject site 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 subject site as well as any properties situated within the Phase I study area.

A response from the City had not been received prior to the issuance of this report. A copy of the response will be forwarded to the client should it contain any pertinent information. A copy of the submission request has been included in Appendix 2.

### ERIS Database Report

A database report, prepared by ERIS (Environmental Risk Information Services) Ltd., dated April 14, 2021, was acquired and reviewed as part of this assessment. The complete ERIS report has been included in Appendix 2.

❒ *On-Site Records:*

The ERIS report identified one (1) water well information system (WWIS) at the subject site. The domestic well record is associated with the former use of private services on the Phase I - Property. Both residential dwellings are now municipally serviced, and no evidence of a potable well was identified at the time of the site visit.

One (1) borehole record was identified at the subject site. No environmental concerns were identified with respect to the ERIS findings of the subject site.

*Off-Site Records:*

The ERIS report identified three hundred and fifteen (15) records pertaining to properties located within a 250 m radius of the subject site. The 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 the subject site, and thus are not considered to pose an environmental concern.

## 4.3 Physical Setting Sources

### Aerial Photographs

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

1952 *(Poor Scale)* The subject site and the neighbouring properties appear to be heavily covered by trees. Some residential dwellings or farmsteads can be seen west and south of the subject site.

1965 The subject site is now occupied with two residential dwellings and storage buildings/sheds. Multiple residential dwellings have been constructed northeast and west of the subject site.

1976 *(City of Ottawa Website)* No significant changes are apparent with respect to the subject site, more tree cover can be seen covering parts of the subject property. Multiple residential dwellings have been

constructed south and southwest of the subject site. The residential dwellings northeast of the subject site have been removed and the land is now vacant.

1991 *(City of Ottawa Website)* No significant changes are apparent with respect to the subject property. Blackburn Hamlet Bypass is now fully constructed further south and southeast of the subject site. Residential dwellings have been constructed southwest of the subject site, across Cleroux Crescent. According to google maps, a fire station is under construction east of the subject site.

2002 *(City of Ottawa Website)* No significant changes are apparent with respect to the subject property. The residential dwelling west of the subject site has been replaced with a newly constructed residential dwelling. What appears to be a church or a community centre and an associated asphaltic parking lot have been constructed further east of the subject site at the Innes Road and Blackburn Hamlet Bypass intersection. Numerous residential dwellings have been constructed further north east and east of the subject site.

2011 *(City of Ottawa Website)* No significant changes are apparent with respect to the subject site or the neighbouring properties.

2019 *(City of Ottawa Website)* No significant changes are apparent with respect to the subject site. The residential dwelling west of the subject site has been replaced with a newly constructed residential dwelling.

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

**Geological Maps**

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was reviewed as part of this assessment. Based on the available information, the bedrock in the area of the subject site consists of an interbedded limestone and shale of the Lindsay Formation, whereas the surficial geology consists of Paleozoic bedrock, with an overburden thickness ranging from approximately 50 to 100m.

**Topographic Maps**

A topographic map was reviewed from the Natural Resources Canada – The Atlas of Canada website as part of this assessment. The regional topography in the general area of the subject site slopes down towards the south, in the direction of

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

**Physiographic Maps**

A physiographic map was reviewed from the Natural Resources Canada – The Atlas of Canada website, as a part of this assessment. According to the publication and mapping information, the subject site 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 subject site is specifically located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

**Water Bodies**

No water bodies are present on the subject site. The nearest named water body with respect to the subject site is Borthwick Creek, located approximately 4.3 km to the south.

**MECP Water Well Records**

A search of the MECPs website for all drilled well records within a 250 m radius of the subject site was conducted as part of this assessment. The search identified one (1) well record on site and within the Phase I study area. This record pertains to a well installed in 1955 and used for domestic household purposes. Based on the availability of municipal services, no drinking water wells are expected to be in use within the Phase I study area.

According to the well records, the overburden stratigraphy in the area of the subject site generally consists of sand. Bedrock, consisting of limestone, was typically encountered at a depth of approximately 9m below ground surface. A copy of the aforementioned well record has been included in Appendix 2.

# 5.0 PERSONAL INTERVIEWS

Mr. Matthew Firestone, the prospective property buyer, was available to answer questions through email. Mr. Firestone stated that he was not aware of any fuel tanks historically used as a former heating source for the residences. Mr. Firestone was unaware of any potential environmental concerns associated with the subject site.

# 6.0 SITE RECONNAISSANCE

## 6.1 General Requirements

An inspection was conducted for the subject site on April 30, 2021, between 1:00 PM and 2:00 PM. Weather conditions were rainy, with a temperature of approximately 14°C. Mr. Mohammed Ramadan and Mr. Samuel Berube, from the Environmental Department of Paterson Group, conducted the inspection. In addition to the subject site, the uses of neighbouring properties within the Phase I study area were also assessed at the time of the site inspection.

## 6.2 Site Inspection Observations

### Site Description

The subject site is currently occupied with two residential dwellings with basements and associated sheds/storage buildings. The remainder of the properties consist of landscaped areas in the southern portions of the properties, as well as an asphaltic concrete driveway in the northern portion of the properties.

The site and regional topography appear to slope down to the south, in the direction of Blackburn Hamlet Bypass. The subject site is considered to be slightly above grade with respect to Innes Road.

Water drainage on the subject site occurs primarily via infiltration throughout the property. No ponded water, stressed vegetation, surficial staining, or any other indications of potential sub-surface contamination were observed on the subject site at time of the site inspection.

A depiction of the subject site is illustrated on Drawing PE5255-1 – Site Plan, in the Figures section of this report.

### Existing Buildings and Structures

The subject site is currently occupied with two, one (1) storey residential dwellings, each with a basement level, as well as associated storage buildings/sheds and asphaltic laneways. Built prior to 1965, the residential dwelling located at 3040 Innes Road is finished with brick in the front and vinyl siding in the back while the storage building/shed is finished with vinyl siding. The residential dwelling located at 3044 is finished with stucco and the storage building/shed is finished with wood. Both buildings have sloped shingled roofs. The buildings are currently heated via natural gas-fired furnaces.

### Potential Environmental Concerns

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

No concerns were identified with respect to PCBs or Transformer oil on the subject site.

❒ **Hazardous Materials and Unidentified Substances**

No hazardous materials, unidentified substances, spills, surficial staining, abnormal odours, or indications of potential sub-surface contamination were observed on the exterior of the subject site at the time of the site inspection.

❒ **Fuels and Chemical Storage**

No chemical storage areas, vent and fill pipes, above ground storage tanks (ASTs), or signs of underground storage tanks (USTs) were observed on the exterior of the subject site at the time of the site inspection.

❒ **Waste Management**

Solid, non-hazardous domestic waste and recyclable products are stored in plastic bins adjacent to the exterior of the residence and are collected by the municipality on a regular basis. No environmental concerns were identified with respect to waste management practices on the subject site.

### Interior Assessment

Based on limitations created through COVID-19 precautions, a full interior inspection could not be completed. A general description of the interior of the residence is as follows:

❒ The floors consist of ceramic tile, linoleum, and concrete (basement);

❒ The walls consist of drywall, plaster, and concrete (basement).

❒ The ceilings consist of stipple plaster, and drywall;

❒ Lighting throughout the buildings is provided by incandescent and fluorescent light fixtures.

### Potentially Hazardous Building Products

❒ **Asbestos-Containing Materials (ACMs)**

Based on the age of the subject buildings (c. prior to 1965), asbestos containing building materials may be present within the structures. Potential ACMs observed at the time of the site inspection include: Linoleum, drywall joint compound, stipple plaster ceilings, and the exterior stucco finishes. 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 Paint**

Based on the age of the subject buildings (c. prior to 1965), 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**

No potential sources of PCBs were identified within the interior of the subject buildings at the time of the site inspection.

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

UFFI was not observed during the site visit, however, wall cavities were not inspected for insulation type. Based on the age of the building (c.prior to 1965), UFFI is potentially present within the building.

**Other Potential Environmental Concerns**

❒ **Interior Fuel and Chemical Storage**

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

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

No environmental concerns were identified with respect to chemical storage practices within the subject buildings.

❒ **Ozone Depleting Substances (ODSs)**

Potential sources of ODSs observed on site include a fire extinguisher and refrigerator. 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 floor drains or sump pits were observed inside the subject buildings at the time of the site inspection.

Wastewater from the buildings (wash water and sewage) is discharged into the City of Ottawa sanitary sewer system. Roof drainage is discharged towards catch basins located along Innes Road, which drain into the City of Ottawa storm water system. No concerns were noted with respect to wastewater discharge on the subject site.

**Neighbouring Properties**

Land use adjacent to the subject site was observed as follows:

*North:* Innes Road, followed by vacant properties (government research lands);

*South:* Residential dwellings, followed by Blackburn Hamlet Bypass;

*East:* Treed areas, followed by a fire station and a church;

*West:* Residential dwelling, followed by Cleroux Crescent and residential dwellings.

The current uses of the adjacent properties are not considered to pose an environmental concern to the subject site. Current land use adjacent to the subject site is illustrated on Drawing PE5255-2 – Surrounding Land Use Plan, appended to this report.

# 7.0 REVIEW AND EVALUATION OF INFORMATION

## 7.1 Land Use History

Based on a review of available historical information, the subject site was first developed prior to 1965 for residential purposes and has been used for that purpose since.

### Potentially Contaminating Activities (PCAs)

No potentially contaminating activities were identified on the subject site or within the Phase I study area.

### Areas of Potential Environmental Concern (APECs)

No areas of potential environmental concern were identified on the subject site.

### Contaminants of Potential Concern (CPCs)

No contaminants of potential concern were identified on the subject site.

## 7.2 Conceptual Site Model

### Water Bodies

No water bodies are present on the subject site. The nearest named water body with respect to the subject site is Borthwick Creek, located approximately 4.3 km to the south.

### Geological and Hydrogeological Setting

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was reviewed as part of this assessment. Based on the available information, the bedrock in the area of the subject site consists of an interbedded limestone and shale of the Lindsay Formation, whereas the surficial geology consists of Paleozoic bedrock, with an overburden thickness ranging from approximately 50 to 100m.

Groundwater is anticipated to flow in a southern direction.

### Areas of Natural Significance

No areas of natural significance were identified on the subject site or within the Phase I study area.

### Existing Buildings and Structures

The subject site is currently occupied with two, one (1) storey residential dwellings, each with a basement level, as well as associated storage buildings/sheds and asphaltic laneways. Built prior to 1965, the residential dwelling located at 3040 Innes Road is finished with brick in the front and vinyl siding in the back while the storage building/shed is finished with vinyl siding. The residential dwelling located at 3044 is finished with stucco and the storage building/shed is finished with wood. Both buildings have sloped shingled roofs. The buildings are currently heated via natural gas-fired furnaces.

### 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

Neighbouring land use within the Phase I study area consists mainly of residential dwellings.

### Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1, no potentially contaminating activities (PCAs) resulting in areas of potential environmental concern (APECs) were identified with respect to the subject site or within the Phase I study area.

### Contaminants of Potential Concern

No contaminants of potential concern were identified on the subject site.

### 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 subject site. 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 CONCLUSION

## 8.1 Assessment

Paterson Group was commissioned by Landric Homes to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for the properties addressed 3040 and 3044 Innes Road in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject site and study area as well as to identify any environmental concerns with the potential to have impacted the subject site.

According to the historical research, the subject site was first developed for residential purposes sometime prior to 1965. No environmental concerns were identified with respect to the historical use of the subject site.

The neighbouring lands in the vicinity of the subject site have historically been developed for residential purposes, with the exception of a fire station and a church east of the subject site and a government research facility further north, across Innes Road. No environmental concerns were identified with respect to the historical use of the subject site.

Following the historical review, a site inspection was conducted to assess the present-day environmental conditions of the subject site. The subject site is currently occupied with two residential dwellings and accompanying storage buildings/sheds. No environmental concerns were identified with respect to the current use of the subject site.

The neighbouring lands within the vicinity of the subject site were generally observed to be used for residential purposes. No environmental concerns were identified with respect to the surrounding 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 subject site.**

## 8.2 Recommendations

### Hazardous Building Materials

Based on the age of the subject buildings (c. prior to 1965), lead-based paints may be present, on any original or older painted surfaces. The painted surfaces within the subject buildings were generally observed to be in good condition and do not pose an immediate concern to the occupants of the buildings. Major work involving

lead-based paint or other lead containing products must be done in accordance with O.Reg. 843, under the Occupational Health and Safety Act.

If the buildings are being demolished, the above noted testing can be done as part of a designated substance survey.

# 9.0 STATEMENT OF LIMITATIONS

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

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

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

**Paterson Group Inc.**

Mohammed Ramadan, B.Sc.


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

**Report Distribution:**

- Landric Homes
- Paterson Group Inc.

# 10.0 REFERENCES

**Federal Records**

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

**Provincial Records**

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

**Municipal Records**

- ❒ City of Ottawa: 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 PE5255-1 – SITE PLAN**

**DRAWING PE5255-2 – SURROUNDING LAND USE PLAN**

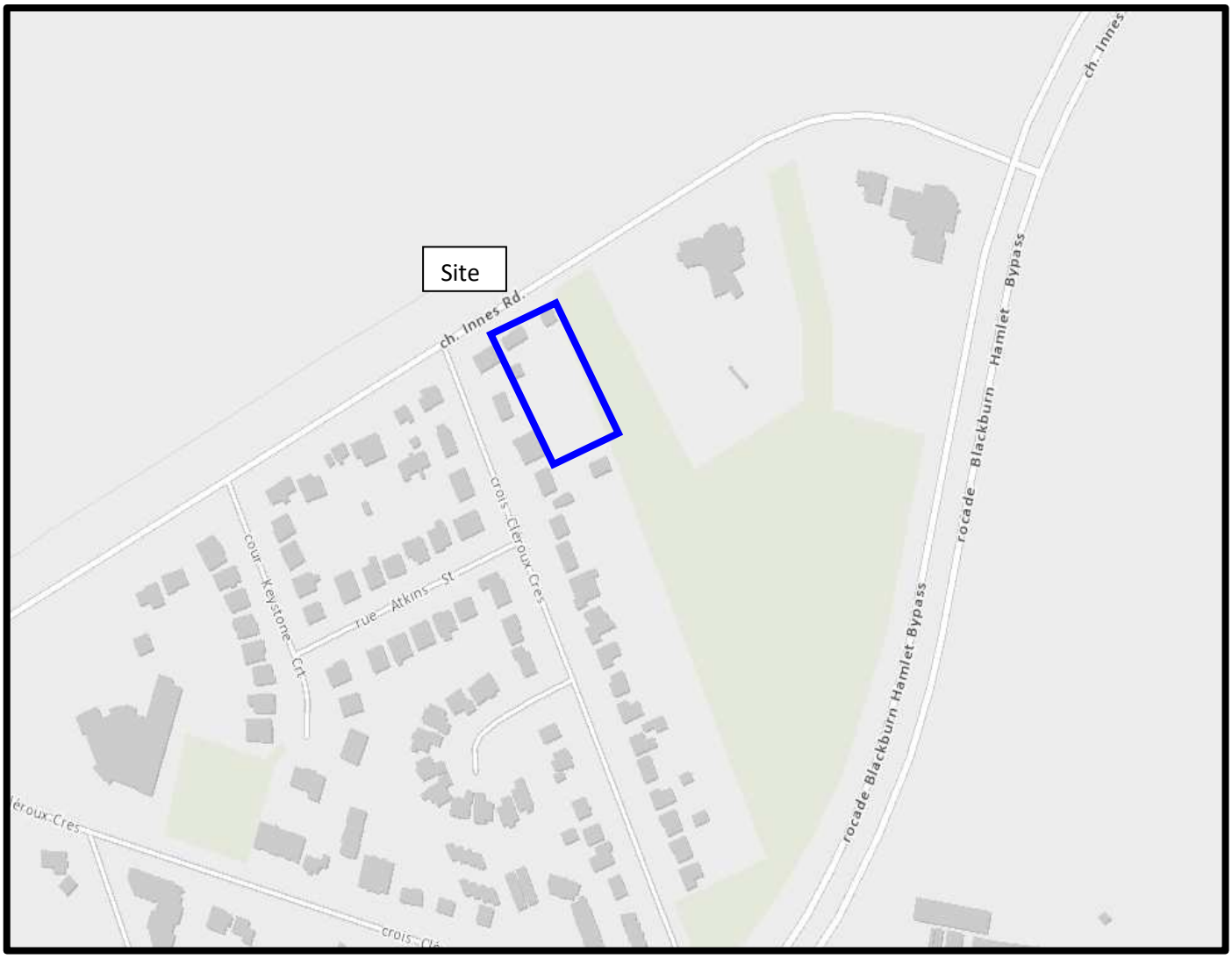


FIGURE 1

# KEY PLAN

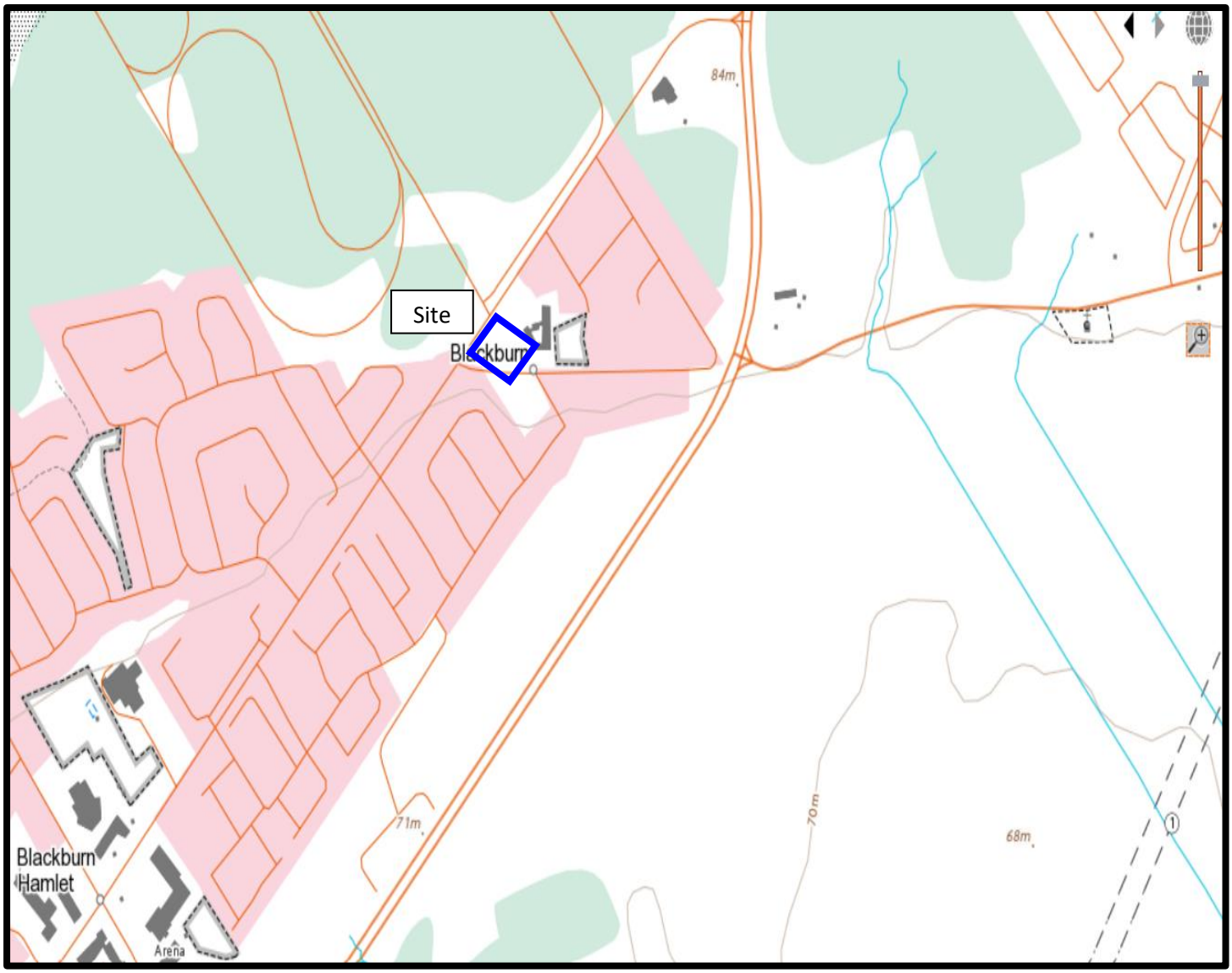


FIGURE 2

# TOPOGRAPHIC MAP

GOVERNMENT
RESEARCH LANDS

3050 INNES ROAD
VACANT TREED LAND
(OTHER)

RESIDENTIAL
DWELLING

ASPHALTIC CONCRETE
DRIVEWAY

**3044 INNES ROAD**

WASTE
BIN

STORAGE

WOOD
PILE

TREED
AREA

RESIDENTIAL

RESIDENTIAL

INNES ROAD

GOVERNMENT
RESEARCH LANDS

MISCELLANEOUS
ITEMS

WASTE
BIN

RESIDENTIAL
DWELLING

GARAGE

**3040 INNES ROAD**

STORAGE

TREED
AREA

ASPHALTIC CONCRETE
DRIVEWAY

ASPHALTIC CONCRETE
PAVEMENT

2642 CLEROUX CRESCENT
RESIDENTIAL

2640 CLEROUX CRESCENT
RESIDENTIAL

2636 CLEROUX CRESCENT
RESIDENTIAL

2632 CLEROUX CRESCENT
RESIDENTIAL

SCALE: 1:300

0 1 2 3 4 5 10 15 20m


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| | | | |

**LANDRIC HOMES**

**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**
**3040-3044 INNES ROAD**

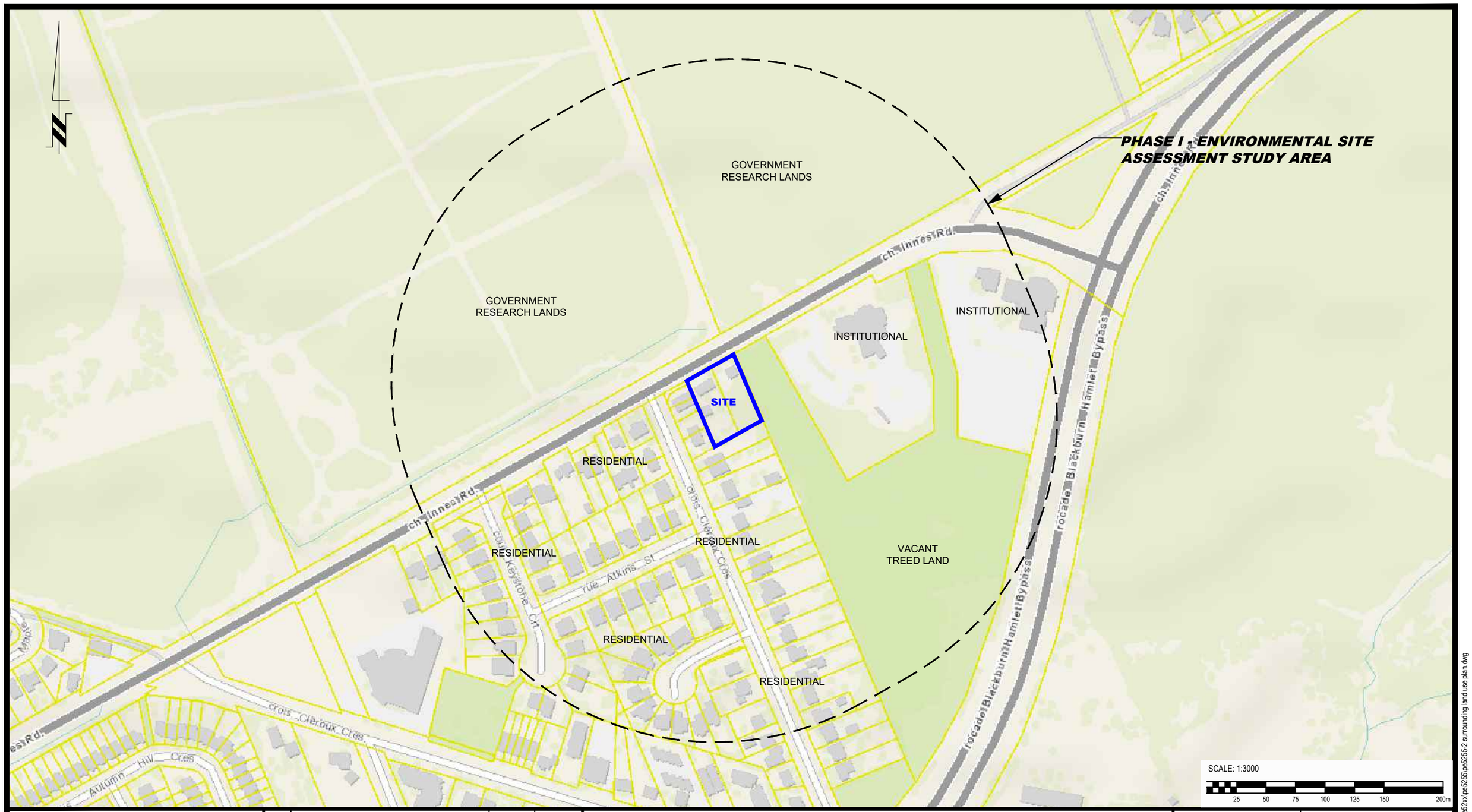
**OTTAWA, ONTARIO**

**Title:**

# SITE PLAN

| | |
|---|---|
| **Scale:** 1:300 | **Date:** 05/2021 |
| **Drawn by:** JM | **Report No.:** PE5255-1 |
| **Checked by:** MR | **Dwg No.:** PE5255-1 |
| **Approved by:** MSD | **Revision No.:** |

p:\autocad drawings\environmental\pe52xx\pe5255\pe5255-1 site plan.dwg




**patersongroup**
**consulting engineers**

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

| NO. | REVISIONS | DATE | INITIAL |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**LANDRIC HOMES**

**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**
**3040-3044 INNES ROAD**

**OTTAWA,** **ONTARIO**

**Title:**

# SURROUNDING LAND USE PLAN

| | |
|---|---|
| **Scale:** 1:3000 | **Date:** 05/2021 |
| **Drawn by:** JM | **Report No.:** PE5255-1 |
| **Checked by:** MR | **Dwg No.:** PE5255-2 |
| **Approved by:** MSD | **Revision No.:** |

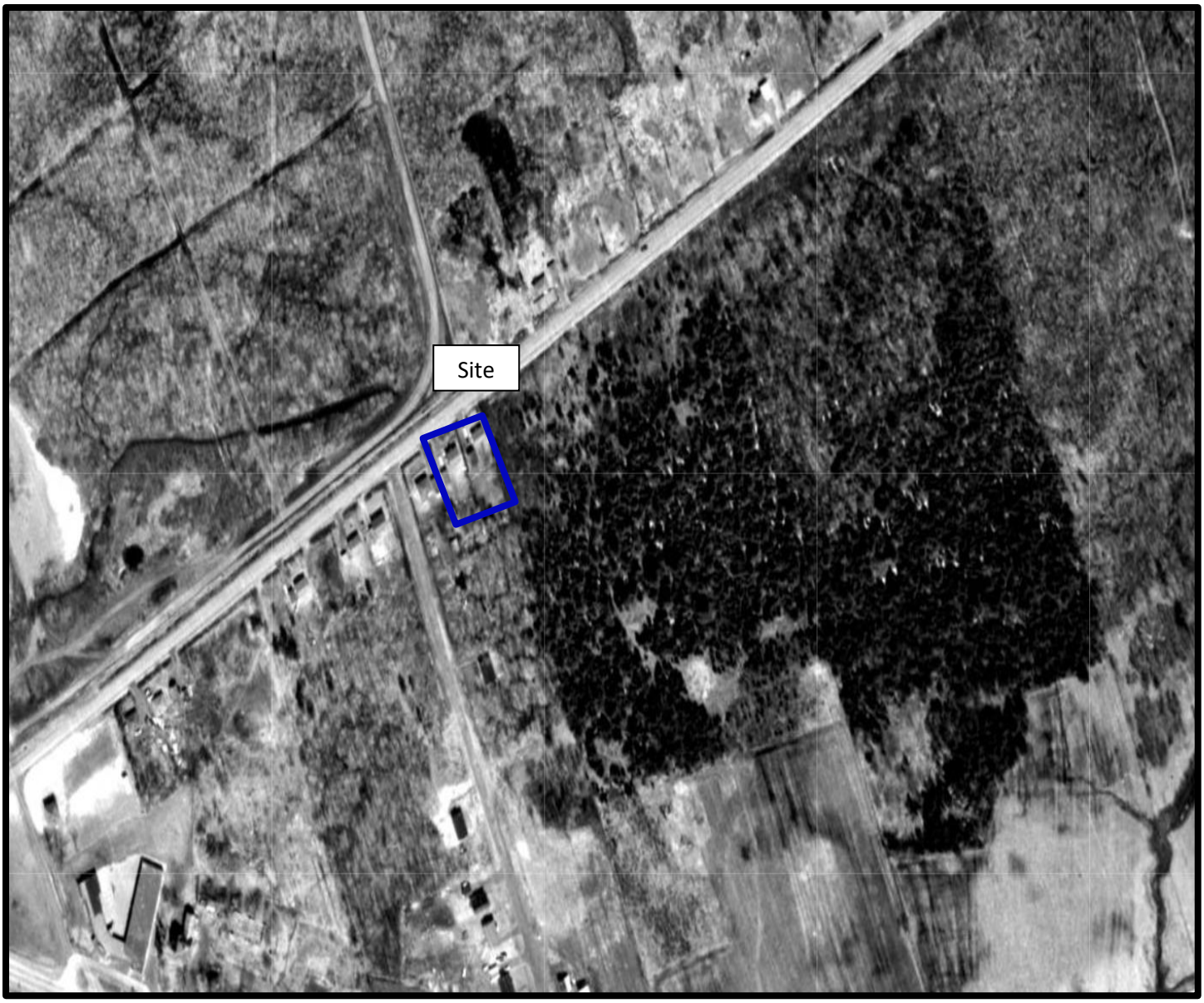
p:\autocad drawings\environmental\pe52xx\pe5255\pe5255-2 surrounding land use plan.dwg

# APPENDIX 1

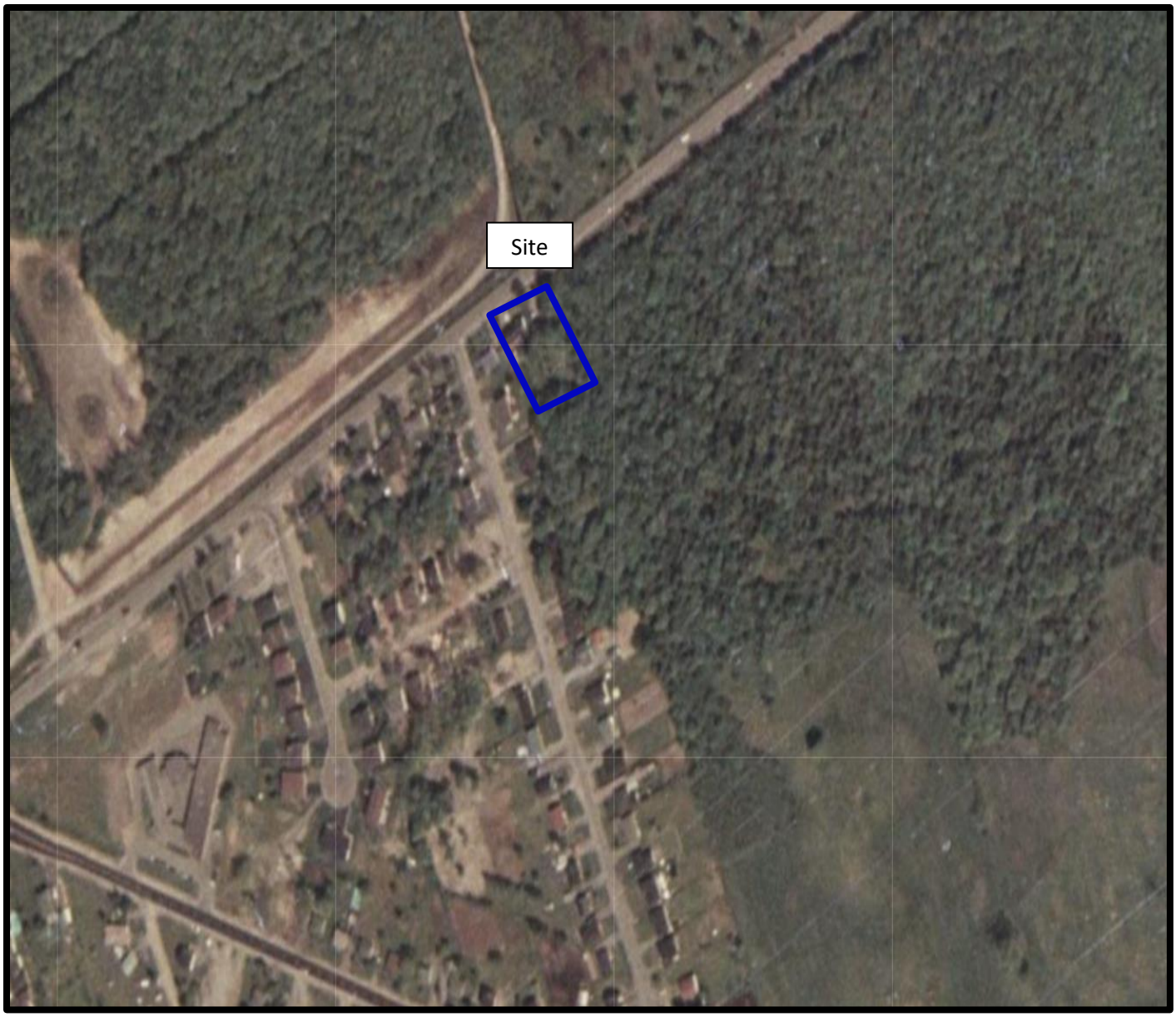
## AERIAL PHOTOGRAPHS

## SITE PHOTOGRAPHS

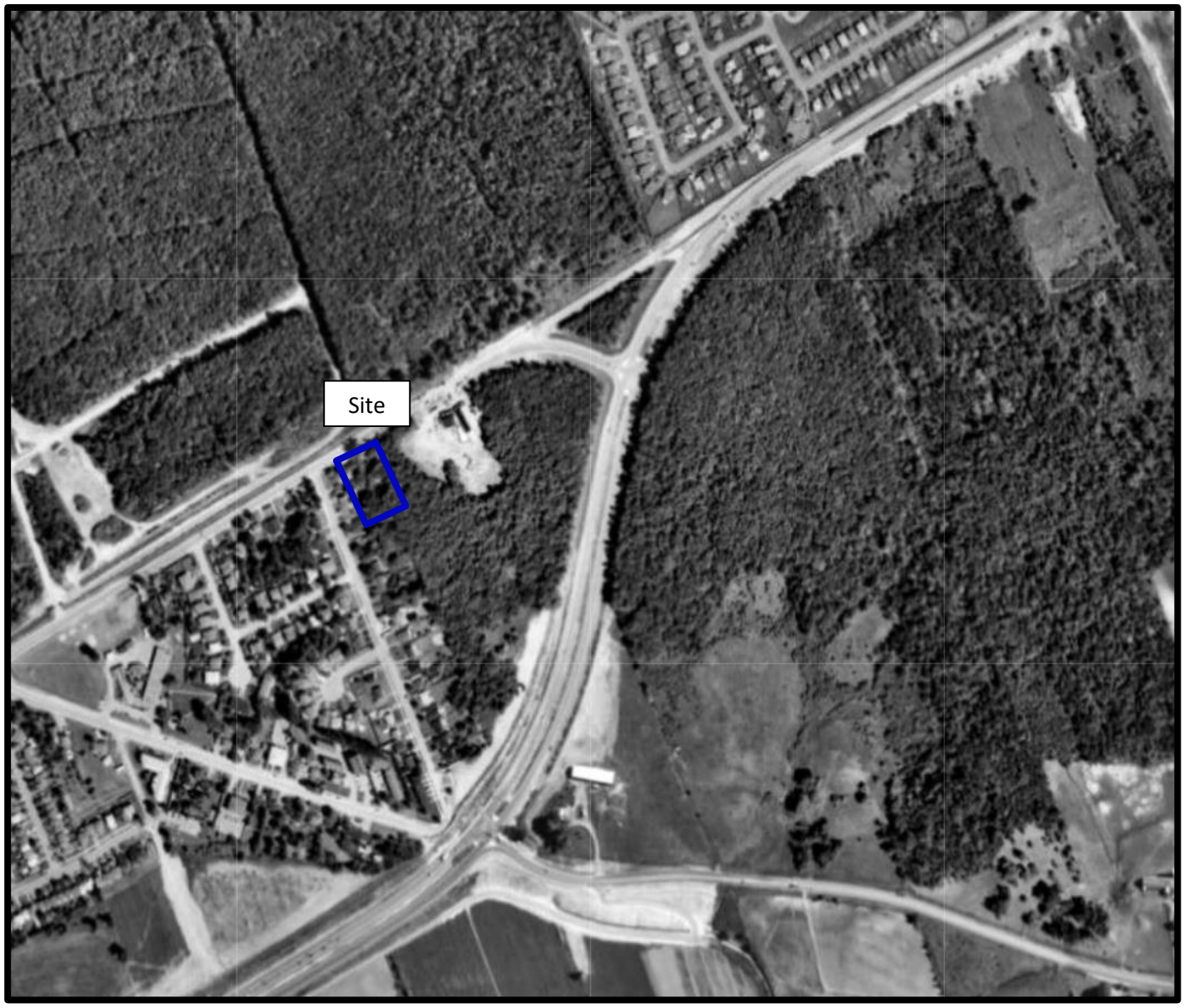

AERIAL PHOTOGRAPH
1952




AERIAL PHOTOGRAPH
1965

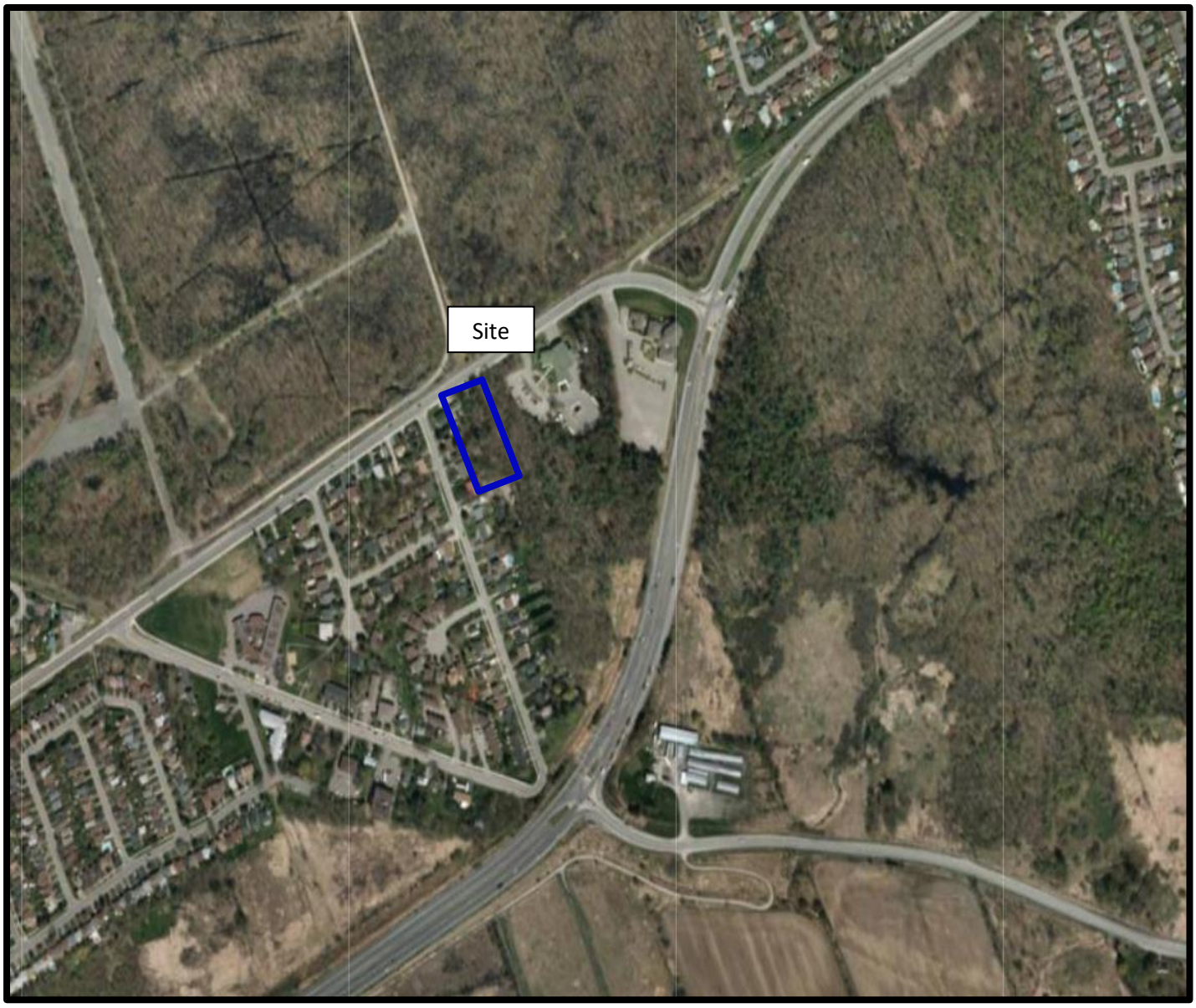



AERIAL PHOTOGRAPH
1976




AERIAL PHOTOGRAPH
1991


AERIAL PHOTOGRAPH
2002




AERIAL PHOTOGRAPH
2011


AERIAL PHOTOGRAPH
2019

## Site Photographs

PE5255 3040-3044 Innes Road, Ottawa, Ontario May 13, 2021

Photograph 1: View of the front of the residential dwelling and storage area addressed 3044 Innes Road on the subject site, facing south.

Photograph 2: View of the back of the residential dwelling addressed 3040 Innes Road, facing north.

# APPENDIX 2

**MECP FREEDOM OF INFORMATION SEARCH REQUEST**

**MECP WATER WELL RECORDS**

**TSSA CORRESPONDENCE**

**CITY OF OTTAWA HLUI REQUEST FORM**

**ERIS DATABASE REPORT**

Ontario Ministry of Environment and Energy

# Freedom of Information Request

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

## Requester Data

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

Mohammed Ramadan
Paterson Group Inc.
154 Colonnade Road
Ottawa, ON K2E 7J5
**Email address:** mramadan@patersongroup.ca

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

Your Project/Reference No.
PE5255

Signature/Print /Name of Requester
Mohammed Ramadan

## For Ministry Use Only

Date Request Received

FOI Request No.

Fee Paid

☐ ACCT ☐ CHQ ☐ VISA/MC ☐ CASH

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

## Request Parameters

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

3040 and 3044 Innes Road, Ottawa, Ontario / Lot: 10 - Concession: 3

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

Landric Homes

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

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

## Search Parameters

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

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

## Certificates of Approval ➤ Proponent information must be provided

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

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

UTM | 18 | Z | 457131 | 10 | E
| 19 | R | 5031161410 | N
Elev. | 19 | R | 02810 |
Basin | 25 | | | |

OTTAWA FRONT
Con III

ONTARIO

The Well Drillers Act
Department of Mines, Province of Ontario

RECEIVED
AUG 16 1955
GEOLOGICAL BRANCH
DEPARTMENT of MINES

# Water Well Record

[redacted]

...p, Village, Town or City.....Gloucester.....
...Town or City).....Blackburn.....
...s.....Cyrville.....Ont.....
Date Completed.....5.....May.....1955 Cost of Well (excluding pump).....
(day) (month) (year)

## Pipe and Casing Record

Casing diameter(s).....4"
Length(s) of casing(s).....258'
Type of screen.....
Length of screen.....
Distance from top of screen to ground level.....
Is well a gravel-wall type?.....No

## Pumping Test

Date.....May 5/55
Static level.....65'
Pumping level.....100'
Pumping rate.....25 gal. Per. hr.
Duration of test.....One day
Distance from cylinder or bowls to ground level.....

## Water Record

Kind (fresh or mineral).....Fresh
Quality (hard, soft, contains iron, sulphur, etc.).....Soft
Appearance (clear, cloudy, coloured).....Clear
For what purpose(s) is the water to be used?.....Household
.....
How far is well from possible source of contamination?.....None
What is the source of contamination?.....
Enclose a copy of any mineral analysis that has been made of water.....

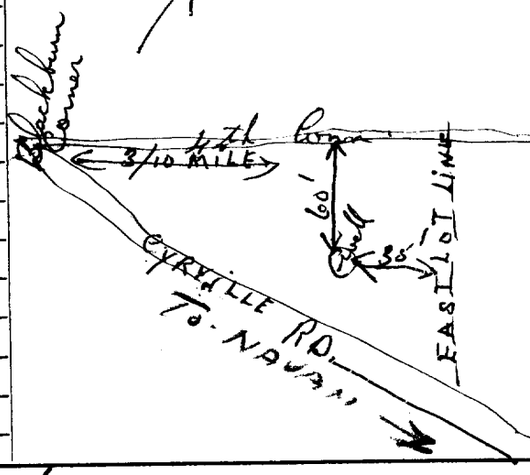
| Depth(s) to Water Horizon(s) | Kind of Water | No. of Feet Water Rises |
|---|---|---|
| 313' | Fresh | 248 |

## Well Log

| Overburden and Bedrock Record | From | To |
|---|---|---|
| Red Sand and Quick sand | 0 ft. | 258 ft. |
| Limestone Rock | 258 | 313 |

## Location of Well

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




Situation: Is well on upland, in valley, or on hillside?.....upland
Drilling Firm.....J. W. Adams
Address.....Kearsman's Bridge
Name of Driller.....John W. Adams.....Address.....Ramsayville
Date.....Aug. 12/55.....Licence Number.....A.....
John W. Adams
Signature of Licensee

FORM 5

# RE: Records Search for PE5255

Public Information Services <publicinformationservices@tssa.org>

Fri 5/7/2021 11:53 AM

**To:** Mohammed Ramadan <MRamadan@Patersongroup.ca>

**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 Mohammed,
Thank you for your request for confirmation of public information.

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

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).
Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.
Kind regards,
Saara

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

---

**From:** Mohammed Ramadan <MRamadan@Patersongroup.ca>
**Sent:** May 6, 2021 2:00 PM
**To:** Public Information Services <publicinformationservices@tssa.org>
**Subject:** Records Search for PE5255



Good afternoon,

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:

3040, 3044, 3080, 3036, 3030 Innes Road
2642, 2636, 2632, 2628, 2624 Cléroux Crescent

Regards,

Mohammed Ramadan, B.Sc

**patersongroup**

**solution oriented engineering**

**over 60 years serving our clients**

154 Colonnade Road South

Ottawa, Ontario, K2E 7J5

Cell: (343) 998-8982

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

# Historic Land Use Inventory

**Application Form**

**Notice of Public Record**

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

**Municipal Freedom of Information and Protection Act**

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

## Background Information

***Site Address or Location:** *3040-3044 Innes Road, Ottawa, Ontario*

** Mandatory Field*

**Applicant/Agent Information:**

| | | | |
|---|---|---|---|
| Name: | *Paterson Group* | | |
| Mailing Address: | *154 Colonnade Road South, Ottawa, Ontario* | | |
| Telephone: | *613-226-7381* | Email Address: | *mramadan@patersongroup.ca* |

**Registered Property Owner Information:** ☐ Same as above

| | | | |
|---|---|---|---|
| Name: | *Landric Homes* | | |
| Mailing Address: | *3040-3044 Innes Road, Ottawa, Ontario* | | |
| Telephone: | | Email Address: | *matthew.firestone@landrichomes.com* |

## Site Details

Legal Description and PIN: *Concession: 3 - Lot 10 - Front: Ottawa*

What is the land currently used for? *Residential Dwellings*

Lot frontage: _____ m Lot depth: _____ m Lot area: _____ m²

**OR** Lot area: (irregular lot) 2,774 m²

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

---

## Required Fees

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

**Planning Fee** $128.00

## Submittal Requirements

The following are required to be submitted with this application:

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

## Disclaimer
## For use with HLUI Database

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

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

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

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

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

4. Copyright is reserved to the City.

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

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

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

Signed: 

Dated (dd/mm/yyyy): 06/05/2021

Per: Mohammed Ramadan

(Please print name)

Title: Environmental Scientist

Company: Paterson Group

patersongroup

Consulting Engineers

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

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

www.patersongroup.ca

May 7, 2021

File: PE5255-HLUI

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

Subject: **Authorization Letter, HLUI Search**
**Phase I-Environmental Site Assessment**
**3040-3044 Innes Road, Ottawa ON**

Dear Sir or Madame,

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

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

**Name of Company/Property Owner:** BISHARA Elias

**Name of Representative** Maria Cedrina Lagge Elias

**Signature of Representative**

**Date** May/20/2021

# DATABASE REPORT

| | |
|---|---|
| **Project Property:** | *3040-3044 Innes Road*<br>*3044 Innes Rd*<br>*Gloucester ON K1W 1A7* |
| **Project No:** | *PE5255* |
| **Report Type:** | *Standard Report* |
| **Order No:** | *21040900226* |
| **Requested by:** | *Paterson Group Inc.* |
| **Date Completed:** | *April 14, 2021* |

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

# Table of Contents

# Executive Summary

***Property Information:***

| | |
|---|---|
| **Project Property:** | *3040-3044 Innes Road*<br>*3044 Innes Rd  Gloucester ON K1W 1A7* |
| **Project No:** | *PE5255* |

**Coordinates:**

| | |
|---|---|
| **Latitude:** | *45.4388559* |
| **Longitude:** | *-75.545292* |
| **UTM Northing:** | *5,031,848.21* |
| **UTM Easting:** | *457,352.00* |
| **UTM Zone:** | *18T* |

| | |
|---|---|
| **Elevation:** | *269 FT*<br>*81.88 M* |

***Order Information:***

| | |
|---|---|
| **Order No:** | *21040900226* |
| **Date Requested:** | *April 9, 2021* |
| **Requested by:** | *Paterson Group Inc.* |
| **Report Type:** | *Standard Report* |

***Historical/Products:***

# Executive Summary: Report Summary

| Database | Name | Searched | Project Property | Within 0.25 km | Total |
|---|---|---|---|---|---|
| AAGR | Abandoned Aggregate Inventory | Y | 0 | 0 | 0 |
| AGR | Aggregate Inventory | Y | 0 | 0 | 0 |
| AMIS | Abandoned Mine Information System | Y | 0 | 0 | 0 |
| ANDR | Anderson's Waste Disposal Sites | Y | 0 | 0 | 0 |
| AST | Aboveground Storage Tanks | Y | 0 | 0 | 0 |
| AUWR | Automobile Wrecking & Supplies | Y | 0 | 0 | 0 |
| BORE | Borehole | Y | 1 | 0 | 1 |
| CA | Certificates of Approval | Y | 0 | 0 | 0 |
| CDRY | Dry Cleaning Facilities | Y | 0 | 0 | 0 |
| CFOT | Commercial Fuel Oil Tanks | Y | 0 | 0 | 0 |
| CHEM | Chemical Manufacturers and Distributors | Y | 0 | 0 | 0 |
| CHM | Chemical Register | Y | 0 | 0 | 0 |
| CNG | Compressed Natural Gas Stations | Y | 0 | 0 | 0 |
| COAL | Inventory of Coal Gasification Plants and Coal Tar Sites | Y | 0 | 0 | 0 |
| CONV | Compliance and Convictions | Y | 0 | 0 | 0 |
| CPU | Certificates of Property Use | Y | 0 | 0 | 0 |
| DRL | Drill Hole Database | Y | 0 | 0 | 0 |
| DTNK | Delisted Fuel Tanks | Y | 0 | 0 | 0 |
| EASR | Environmental Activity and Sector Registry | Y | 0 | 0 | 0 |
| EBR | Environmental Registry | Y | 0 | 0 | 0 |
| ECA | Environmental Compliance Approval | Y | 0 | 0 | 0 |
| EEM | Environmental Effects Monitoring | Y | 0 | 0 | 0 |
| EHS | ERIS Historical Searches | Y | 0 | 1 | 1 |
| EIIS | Environmental Issues Inventory System | Y | 0 | 0 | 0 |
| EMHE | Emergency Management Historical Event | Y | 0 | 0 | 0 |
| EPAR | Environmental Penalty Annual Report | Y | 0 | 0 | 0 |
| EXP | List of Expired Fuels Safety Facilities | Y | 0 | 0 | 0 |
| FCON | Federal Convictions | Y | 0 | 0 | 0 |
| FCS | Contaminated Sites on Federal Land | Y | 0 | 0 | 0 |
| FOFT | Fisheries & Oceans Fuel Tanks | Y | 0 | 0 | 0 |
| FRST | Federal Identification Registry for Storage Tank Systems (FIRSTS) | Y | 0 | 0 | 0 |
| FST | Fuel Storage Tank | Y | 0 | 0 | 0 |
| FSTH | Fuel Storage Tank - Historic | Y | 0 | 0 | 0 |
| GEN | Ontario Regulation 347 Waste Generators Summary | Y | 0 | 12 | 12 |
| GHG | Greenhouse Gas Emissions from Large Facilities | Y | 0 | 0 | 0 |
| HINC | TSSA Historic Incidents | Y | 0 | 0 | 0 |

| Database | Name | Searched | Project Property | Within 0.25 km | Total |
|---|---|---|---|---|---|
| IAFT | Indian & Northern Affairs Fuel Tanks | Y | 0 | 0 | 0 |
| INC | Fuel Oil Spills and Leaks | Y | 0 | 0 | 0 |
| LIMO | Landfill Inventory Management Ontario | Y | 0 | 0 | 0 |
| MINE | Canadian Mine Locations | Y | 0 | 0 | 0 |
| MNR | Mineral Occurrences | Y | 0 | 0 | 0 |
| NATE | National Analysis of Trends in Emergencies System (NATES) | Y | 0 | 0 | 0 |
| NCPL | Non-Compliance Reports | Y | 0 | 0 | 0 |
| NDFT | National Defense & Canadian Forces Fuel Tanks | Y | 0 | 0 | 0 |
| NDSP | National Defense & Canadian Forces Spills | Y | 0 | 0 | 0 |
| NDWD | National Defence & Canadian Forces Waste Disposal Sites | Y | 0 | 0 | 0 |
| NEBI | National Energy Board Pipeline Incidents | Y | 0 | 0 | 0 |
| NEBP | National Energy Board Wells | Y | 0 | 0 | 0 |
| NEES | National Environmental Emergencies System (NEES) | Y | 0 | 0 | 0 |
| NPCB | National PCB Inventory | Y | 0 | 0 | 0 |
| NPRI | National Pollutant Release Inventory | Y | 0 | 0 | 0 |
| OGWE | Oil and Gas Wells | Y | 0 | 0 | 0 |
| OOGW | Ontario Oil and Gas Wells | Y | 0 | 0 | 0 |
| OPCB | Inventory of PCB Storage Sites | Y | 0 | 0 | 0 |
| ORD | Orders | Y | 0 | 0 | 0 |
| PAP | Canadian Pulp and Paper | Y | 0 | 0 | 0 |
| PCFT | Parks Canada Fuel Storage Tanks | Y | 0 | 0 | 0 |
| PES | Pesticide Register | Y | 0 | 0 | 0 |
| PINC | Pipeline Incidents | Y | 0 | 0 | 0 |
| PRT | Private and Retail Fuel Storage Tanks | Y | 0 | 0 | 0 |
| PTTW | Permit to Take Water | Y | 0 | 0 | 0 |
| REC | Ontario Regulation 347 Waste Receivers Summary | Y | 0 | 0 | 0 |
| RSC | Record of Site Condition | Y | 0 | 0 | 0 |
| RST | Retail Fuel Storage Tanks | Y | 0 | 0 | 0 |
| SCT | Scott's Manufacturing Directory | Y | 0 | 2 | 2 |
| SPL | Ontario Spills | Y | 0 | 0 | 0 |
| SRDS | Wastewater Discharger Registration Database | Y | 0 | 0 | 0 |
| TANK | Anderson's Storage Tanks | Y | 0 | 0 | 0 |
| TCFT | Transport Canada Fuel Storage Tanks | Y | 0 | 0 | 0 |
| VAR | Variances for Abandonment of Underground Storage Tanks | Y | 0 | 0 | 0 |
| WDS | Waste Disposal Sites - MOE CA Inventory | Y | 0 | 0 | 0 |
| WDSH | Waste Disposal Sites - MOE 1991 Historical Approval Inventory | Y | 0 | 0 | 0 |
| WWIS | Water Well Information System | Y | 1 | 0 | 1 |
| | **Total:** | | 2 | 15 | 17 |

# Executive Summary: Site Report Summary - Project Property

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev diff (m) | Page Number |
|---|---|---|---|---|---|---|
| 1 | WWIS | | lot 10 con 3<br>ON<br>***Well ID:*** 1501465 | NW/17.8 | 0.00 | 15 |
| 2 | BORE | | ON | NW/18.0 | 0.00 | 17 |

# Executive Summary: Site Report Summary - Surrounding Properties

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|---|---|---|---|---|---|---|
| 3 | GEN | City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1W 1C8 | ENE/104.5 | 0.00 | 18 |
| 3 | GEN | City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1W 1C8 | ENE/104.5 | 0.00 | 18 |
| 3 | GEN | City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1W 1C8 | ENE/104.5 | 0.00 | 19 |
| 3 | GEN | City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1W 1C8 | ENE/104.5 | 0.00 | 19 |
| 3 | GEN | City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1W 1C8 | ENE/104.5 | 0.00 | 19 |
| 3 | GEN | City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON | ENE/104.5 | 0.00 | 20 |
| 3 | GEN | City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1B 4M8 | ENE/104.5 | 0.00 | 20 |
| 3 | GEN | City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1B 4M8 | ENE/104.5 | 0.00 | 20 |
| 3 | GEN | City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1B 4M8 | ENE/104.5 | 0.00 | 20 |
| 3 | GEN | City Of Ottawa Facility Operation Services | 3080 Innes Rd<br>Ottwawa ON K1B 4M8 | ENE/104.5 | 0.00 | 21 |
| 3 | GEN | City Of Ottawa Facility Operation Services | 3080 Innes Rd<br>Ottwawa ON K1B 4M8 | ENE/104.5 | 0.00 | 21 |
| 3 | GEN | City Of Ottawa Facility Operation Services | 3080 Innes Rd<br>Ottwawa ON K1B 4M8 | ENE/104.5 | 0.00 | 21 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|---|---|---|---|---|---|---|
| 4 | EHS | | 3080 old Innes Road<br>Ottawa ON | ENE/131.9 | 1.00 | 22 |
| 5 | SCT | DELTA T PRODUCTS LTD. | 2353 KEYSTONE CRT<br>OTTAWA ON K1W 1A9 | WSW/213.5 | -1.00 | 22 |
| 5 | SCT | Delta T Products Ltd. | 2353 Keystone Crt<br>Gloucester ON K1W 1A9 | WSW/213.5 | -1.00 | 22 |

# Executive Summary: Summary By Data Source

## BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 BORE site(s) within approximately 0.25 kilometers of the project property.

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| | ON | NW | 18.02 | 2 |

## EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| | 3080 old Innes Road<br>Ottawa ON | ENE | 131.90 | 4 |

## GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2021 has found that there are 12 GEN site(s) within approximately 0.25 kilometers of the project property.

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1W 1C8 | ENE | 104.45 | 3 |
| City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1W 1C8 | ENE | 104.45 | 3 |
| City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1W 1C8 | ENE | 104.45 | 3 |
| City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON | ENE | 104.45 | 3 |

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1W 1C8 | ENE | 104.45 | 3 |
| City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1W 1C8 | ENE | 104.45 | 3 |
| City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1B 4M8 | ENE | 104.45 | 3 |
| City Of Ottawa Facility Operation Services | 3080 Innes Rd<br>Ottwawa ON K1B 4M8 | ENE | 104.45 | 3 |
| City Of Ottawa Facility Operation Services | 3080 Innes Rd<br>Ottwawa ON K1B 4M8 | ENE | 104.45 | 3 |
| City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1B 4M8 | ENE | 104.45 | 3 |
| City Of Ottawa | 3080 Innes Rd<br>Ottwawa ON K1B 4M8 | ENE | 104.45 | 3 |
| City Of Ottawa Facility Operation Services | 3080 Innes Rd<br>Ottwawa ON K1B 4M8 | ENE | 104.45 | 3 |

## SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 2 SCT site(s) within approximately 0.25 kilometers of the project property.

| Lower Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| DELTA T PRODUCTS LTD. | 2353 KEYSTONE CRT<br>OTTAWA ON K1W 1A9 | WSW | 213.48 | 5 |
| Delta T Products Ltd. | 2353 Keystone Crt<br>Gloucester ON K1W 1A9 | WSW | 213.48 | 5 |

## WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 1 WWIS site(s) within approximately 0.25 kilometers of the project property.

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| | lot 10 con 3<br>ON<br><br>***Well ID:*** 1501465 | NW | 17.83 | 1 |


# Map: 0.25 Kilometer Radius

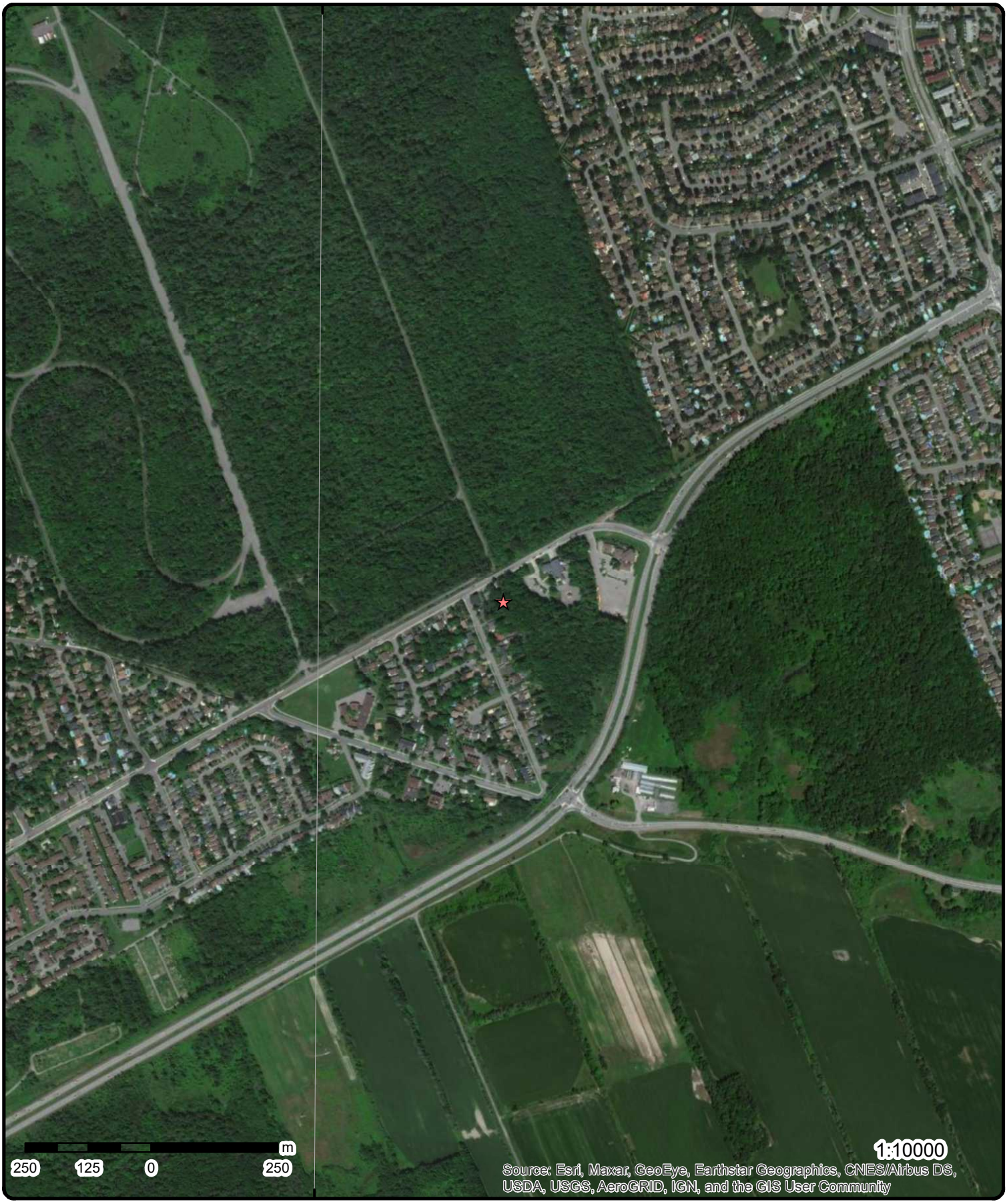
Order Number: 21040900226

Address: 3044 Innes Rd, Gloucester, ON

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

**Source:** © 2015 DMTI Spatial Inc.

75°33'W



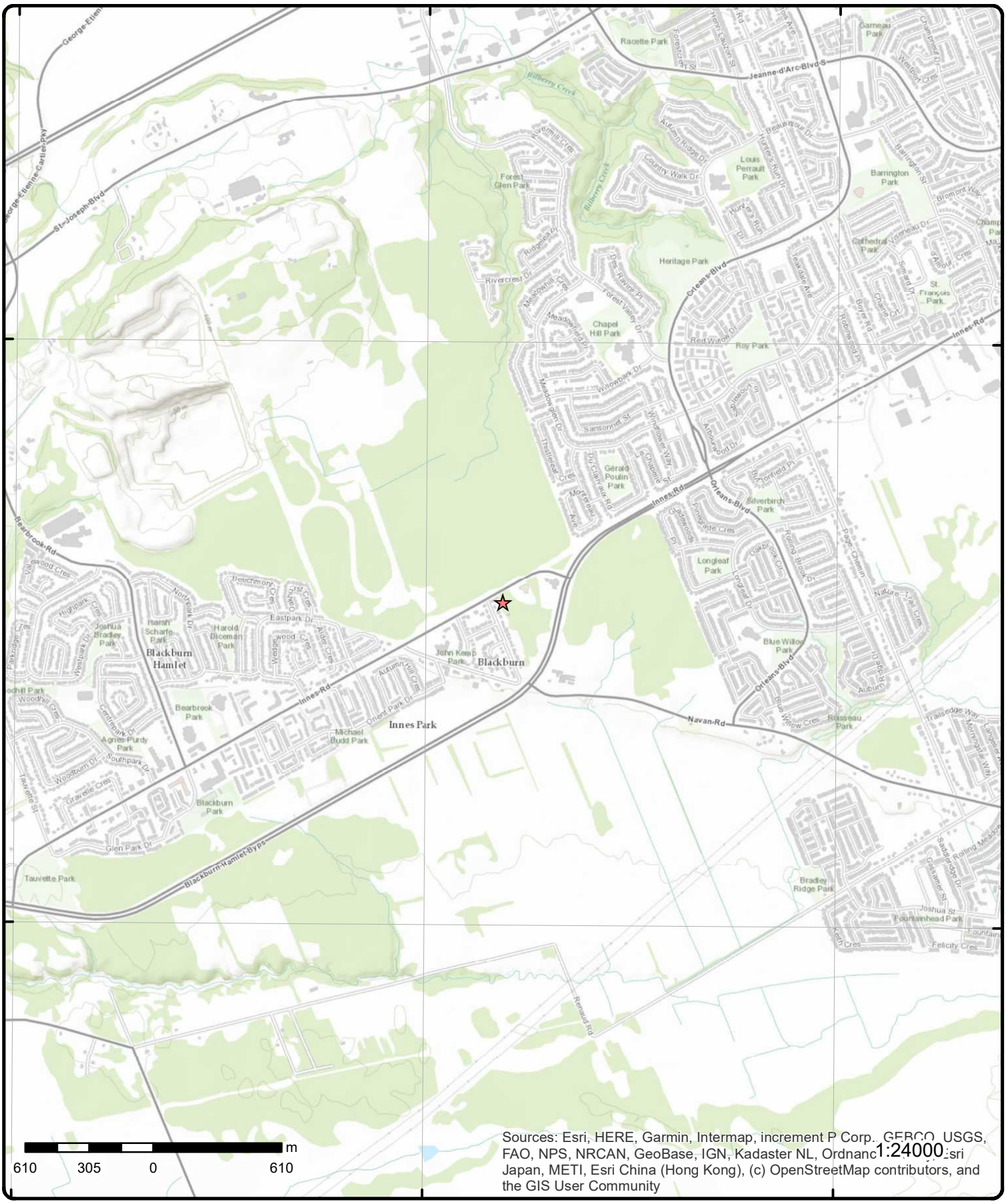

# Aerial

**Year: 2008**

Order Number: 21040900226

**Address: 3044 Innes Rd, Gloucester, ON**

**Source:** ESRI World Imagery




# Topographic Map

**Address: 3044 Innes Rd, ON**

**Source:** ESRI World Topographic Map

Order Number: 21040900226

# Detail Report

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 1 | 1 of 1 | NW/17.8 | 81.9 / 0.00 | lot 10 con 3 ON | WWIS |

| | | | |
|---|---|---|---|
| **Well ID:** | 1501465 | **Data Entry Status:** | |
| **Construction Date:** | | **Data Src:** | 1 |
| **Primary Water Use:** | Domestic | **Date Received:** | 8/16/1965 |
| **Sec. Water Use:** | 0 | **Selected Flag:** | Yes |
| **Final Well Status:** | Water Supply | **Abandonment Rec:** | |
| **Water Type:** | | **Contractor:** | 1107 |
| **Casing Material:** | | **Form Version:** | 1 |
| **Audit No:** | | **Owner:** | |
| **Tag:** | | **Street Name:** | |
| **Construction Method:** | | **County:** | OTTAWA |
| **Elevation (m):** | | **Municipality:** | GLOUCESTER TOWNSHIP |
| **Elevation Reliability:** | | **Site Info:** | |
| **Depth to Bedrock:** | | **Lot:** | 010 |
| **Well Depth:** | | **Concession:** | 03 |
| **Overburden/Bedrock:** | | **Concession Name:** | OF |
| **Pump Rate:** | | **Easting NAD83:** | |
| **Static Water Level:** | | **Northing NAD83:** | |
| **Flowing (Y/N):** | | **Zone:** | |
| **Flow Rate:** | | **UTM Reliability:** | |
| **Clear/Cloudy:** | | | |

**PDF URL (Map):** https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501465.pdf

***Bore Hole Information***

| | | | |
|---|---|---|---|
| **Bore Hole ID:** | 10023508 | **Elevation:** | 85.406372 |
| **DP2BR:** | 258 | **Elevrc:** | |
| **Spatial Status:** | | **Zone:** | 18 |
| **Code OB:** | r | **East83:** | 457340.7 |
| **Code OB Desc:** | Bedrock | **North83:** | 5031862 |
| **Open Hole:** | | **Org CS:** | |
| **Cluster Kind:** | | **UTMRC:** | 9 |
| **Date Completed:** | 5/5/1955 | **UTMRC Desc:** | unknown UTM |
| **Remarks:** | | **Location Method:** | p9 |
| **Elevrc Desc:** | | | |
| **Location Source Date:** | | | |
| **Improvement Location Source:** | | | |
| **Improvement Location Method:** | | | |
| **Source Revision Comment:** | | | |
| **Supplier Comment:** | | | |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| **Formation ID:** | 930991896 |
| **Layer:** | 1 |
| **Color:** | 7 |
| **General Color:** | RED |
| **Mat1:** | 09 |
| **Most Common Material:** | MEDIUM SAND |

**Mat2:** 07
**Mat2 Desc:** QUICKSAND
**Mat3:**
**Mat3 Desc:**
**Formation Top Depth:** 0
**Formation End Depth:** 258
**Formation End Depth UOM:** ft

***Overburden and Bedrock Materials Interval***

**Formation ID:** 930991897
**Layer:** 2
**Color:**
**General Color:**
**Mat1:** 15
**Most Common Material:** LIMESTONE
**Mat2:**
**Mat2 Desc:**
**Mat3:**
**Mat3 Desc:**
**Formation Top Depth:** 258
**Formation End Depth:** 313
**Formation End Depth UOM:** ft

***Method of Construction & Well Use***

**Method Construction ID:** 961501465
**Method Construction Code:** 1
**Method Construction:** Cable Tool
**Other Method Construction:**

***Pipe Information***

**Pipe ID:** 10572078
**Casing No:** 1
**Comment:**
**Alt Name:**

***Construction Record - Casing***

**Casing ID:** 930039892
**Layer:** 2
**Material:** 4
**Open Hole or Material:** OPEN HOLE
**Depth From:**
**Depth To:** 313
**Casing Diameter:** 4
**Casing Diameter UOM:** inch
**Casing Depth UOM:** ft

***Construction Record - Casing***

**Casing ID:** 930039891
**Layer:** 1
**Material:** 1
**Open Hole or Material:** STEEL
**Depth From:**
**Depth To:** 258
**Casing Diameter:** 4
**Casing Diameter UOM:** inch

***Casing Depth UOM:*** ft

***Results of Well Yield Testing***

***Pump Test ID:*** 991501465
***Pump Set At:***
***Static Level:*** 65
***Final Level After Pumping:*** 100
***Recommended Pump Depth:***
***Pumping Rate:*** 0
***Flowing Rate:***
***Recommended Pump Rate:***
***Levels UOM:*** ft
***Rate UOM:*** GPM
***Water State After Test Code:*** 1
***Water State After Test:*** CLEAR
***Pumping Test Method:*** 1
***Pumping Duration HR:*** 24
***Pumping Duration MIN:*** 0
***Flowing:*** No

***Water Details***

***Water ID:*** 933454173
***Layer:*** 1
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 313
***Water Found Depth UOM:*** ft

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2 ***1 of 1*** ***NW/18.0*** ***81.9 / 0.00*** ***ON*** ***BORE***

***Borehole ID:*** 615153
***OGF ID:*** 215516095
***Status:***
***Type:*** Borehole
***Use:***
***Completion Date:*** MAY-1955
***Static Water Level:***
***Primary Water Use:***
***Sec. Water Use:***
***Total Depth m:*** 95.4
***Depth Ref:*** Ground Surface
***Depth Elev:***
***Drill Method:***
***Orig Ground Elev m:*** 85.3
***Elev Reliabil Note:***
***DEM Ground Elev m:*** 85.4
***Concession:***
***Location D:***
***Survey D:***
***Comments:***

***Inclin FLG:*** No
***SP Status:*** Initial Entry
***Surv Elev:*** No
***Piezometer:*** No
***Primary Name:***
***Municipality:***
***Lot:***
***Township:***
***Latitude DD:*** 45.438982
***Longitude DD:*** -75.545437
***UTM Zone:*** 18
***Easting:*** 457341
***Northing:*** 5031862
***Location Accuracy:***
***Accuracy:*** Not Applicable

***Borehole Geology Stratum***

***Geology Stratum ID:*** 218400619
***Top Depth:*** 0
***Bottom Depth:*** 78.6
***Material Color:*** White
***Material 1:*** Sand
***Material 2:*** Sand

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

**Material 3:** **Geologic Period:**
**Material 4:** **Depositional Gen:**
**Gsc Material Description:**
**Stratum Description:** SAND. WHITE.

**Geology Stratum ID:** 218400620 **Mat Consistency:** Hard
**Top Depth:** 78.6 **Material Moisture:**
**Bottom Depth:** 95.4 **Material Texture:**
**Material Color:** Brown **Non Geo Mat Type:**
**Material 1:** Limestone **Geologic Formation:**
**Material 2:** **Geologic Group:**
**Material 3:** **Geologic Period:**
**Material 4:** **Depositional Gen:**
**Gsc Material Description:**
**Stratum Description:** LIMESTONE. 00313BROWN,GREY,HARD,VERY STIFF, FISSURED. CLAY. GREY,SOFT TO STIFF. 00010 005
**Note: Many records provided by the department have a truncated [Stratum Description] field.

***Source***

**Source Type:** Data Survey **Source Appl:** Spatial/Tabular
**Source Orig:** Geological Survey of Canada **Source Iden:** 1
**Source Date:** 1956-1972 **Scale or Res:** Varies
**Confidence:** **Horizontal:** NAD27
**Observatio:** **Verticalda:** Mean Average Sea Level
**Source Name:** Urban Geology Automated Information System (UGAIS)
**Source Details:** File: OTTAWA2.txt RecordID: 07661 NTS_Sheet:
**Confiden 1:**

***Source List***

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

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**3** ***1 of 12*** ***ENE/104.5*** ***81.9 / 0.00*** ***City Of Ottawa*** ***GEN***
***3080 Innes Rd***
***Ottwawa ON K1W 1C8***

**Generator No:** ON5544141 **PO Box No:**
**Status:** **Country:**
**Approval Years:** 07,08 **Choice of Contact:**
**Contam. Facility:** **Co Admin:**
**MHSW Facility:** **Phone No Admin:**
**SIC Code:** 913910
**SIC Description:** Other Local Municipal and Regional Public Administration

***Detail(s)***

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

---

**3** ***2 of 12*** ***ENE/104.5*** ***81.9 / 0.00*** ***City Of Ottawa*** ***GEN***
***3080 Innes Rd***
***Ottwawa ON K1W 1C8***

**Generator No:** ON5544141 **PO Box No:**
**Status:** **Country:**
**Approval Years:** 2009 **Choice of Contact:**
**Contam. Facility:** **Co Admin:**

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

***MHSW Facility:*** ***Phone No Admin:***
***SIC Code:*** 913910
***SIC Description:*** Other Local Municipal and Regional Public Administration

***Detail(s)***

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

---

**3** ***3 of 12*** ***ENE/104.5*** ***81.9 / 0.00*** ***City Of Ottawa*** ***GEN***
***3080 Innes Rd***
***Ottwawa ON K1W 1C8***

***Generator No:*** ON5544141 ***PO Box No:***
***Status:*** ***Country:***
***Approval Years:*** 2010 ***Choice of Contact:***
***Contam. Facility:*** ***Co Admin:***
***MHSW Facility:*** ***Phone No Admin:***
***SIC Code:*** 913910
***SIC Description:*** Other Local Municipal and Regional Public Administration

***Detail(s)***

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

---

**3** ***4 of 12*** ***ENE/104.5*** ***81.9 / 0.00*** ***City Of Ottawa*** ***GEN***
***3080 Innes Rd***
***Ottwawa ON K1W 1C8***

***Generator No:*** ON5544141 ***PO Box No:***
***Status:*** ***Country:***
***Approval Years:*** 2011 ***Choice of Contact:***
***Contam. Facility:*** ***Co Admin:***
***MHSW Facility:*** ***Phone No Admin:***
***SIC Code:*** 913910
***SIC Description:*** Other Local Municipal and Regional Public Administration

***Detail(s)***

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

---

**3** ***5 of 12*** ***ENE/104.5*** ***81.9 / 0.00*** ***City Of Ottawa*** ***GEN***
***3080 Innes Rd***
***Ottwawa ON K1W 1C8***

***Generator No:*** ON5544141 ***PO Box No:***
***Status:*** ***Country:***
***Approval Years:*** 2012 ***Choice of Contact:***
***Contam. Facility:*** ***Co Admin:***
***MHSW Facility:*** ***Phone No Admin:***
***SIC Code:*** 913910
***SIC Description:*** Other Local Municipal and Regional Public Administration

***Detail(s)***

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

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 3 | 6 of 12 | ENE/104.5 | 81.9 / 0.00 | City Of Ottawa<br>3080 Innes Rd<br>Ottwawa ON | GEN |

**Generator No:** ON5544141
**Status:**
**Approval Years:** 2013
**Contam. Facility:**
**MHSW Facility:**
**SIC Code:** 913910
**SIC Description:**

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

**Detail(s)**

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

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| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 3 | 7 of 12 | ENE/104.5 | 81.9 / 0.00 | City Of Ottawa<br>3080 Innes Rd<br>Ottwawa ON K1B 4M8 | GEN |

**Generator No:** ON5544141
**Status:**
**Approval Years:** 2016
**Contam. Facility:** No
**MHSW Facility:** No
**SIC Code:** 913910
**SIC Description:** 913910

**PO Box No:**
**Country:** Canada
**Choice of Contact:** CO_OFFICIAL
**Co Admin:** Mark D Winder
**Phone No Admin:** 613-580-2424 Ext.23545

**Detail(s)**

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

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| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 3 | 8 of 12 | ENE/104.5 | 81.9 / 0.00 | City Of Ottawa<br>3080 Innes Rd<br>Ottwawa ON K1B 4M8 | GEN |

**Generator No:** ON5544141
**Status:**
**Approval Years:** 2015
**Contam. Facility:** No
**MHSW Facility:** No
**SIC Code:** 913910
**SIC Description:** 913910

**PO Box No:**
**Country:** Canada
**Choice of Contact:** CO_OFFICIAL
**Co Admin:** Mark D Winder
**Phone No Admin:** 613-580-2424 Ext.23545

**Detail(s)**

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

---

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 3 | 9 of 12 | ENE/104.5 | 81.9 / 0.00 | City Of Ottawa<br>3080 Innes Rd<br>Ottwawa ON K1B 4M8 | GEN |

**Generator No:** ON5544141
**Status:**
**Approval Years:** 2014
**Contam. Facility:** No
**MHSW Facility:** No

**PO Box No:**
**Country:** Canada
**Choice of Contact:** CO_OFFICIAL
**Co Admin:** Mark D Winder
**Phone No Admin:** 613-580-2424 Ext.23545

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

**SIC Code:** 913910
**SIC Description:** 913910

***Detail(s)***

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

---

**3** | **10 of 12** | **ENE/104.5** | **81.9 / 0.00** | **City Of Ottawa Facility Operation Services**
**3080 Innes Rd**
**Ottwawa ON K1B 4M8** | **GEN**

**Generator No:** ON5544141
**Status:** Registered
**Approval Years:** As of Dec 2018
**Contam. Facility:**
**MHSW Facility:**
**SIC Code:**
**SIC Description:**

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

***Detail(s)***

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

---

**3** | **11 of 12** | **ENE/104.5** | **81.9 / 0.00** | **City Of Ottawa Facility Operation Services**
**3080 Innes Rd**
**Ottwawa ON K1B 4M8** | **GEN**

**Generator No:** ON5544141
**Status:** Registered
**Approval Years:** As of Jul 2020
**Contam. Facility:**
**MHSW Facility:**
**SIC Code:**
**SIC Description:**

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

***Detail(s)***

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

---

**3** | **12 of 12** | **ENE/104.5** | **81.9 / 0.00** | **City Of Ottawa Facility Operation Services**
**3080 Innes Rd**
**Ottwawa ON K1B 4M8** | **GEN**

**Generator No:** ON5544141
**Status:** Registered
**Approval Years:** As of Jan 2021
**Contam. Facility:**
**MHSW Facility:**
**SIC Code:**
**SIC Description:**

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

***Detail(s)***

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

---

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 4 | 1 of 1 | ENE/131.9 | 82.9 / 1.00 | 3080 old Innes Road<br>Ottawa ON | EHS |

**Order No:** 20070709007
**Status:** C
**Report Type:** CAN - Complete Report
**Report Date:** 7/17/2007
**Date Received:** 7/9/2007
**Previous Site Name:**
**Lot/Building Size:** 13369 sq.feet
**Additional Info Ordered:**

**Nearest Intersection:** old innes road and innes road
**Municipality:** Ottawa
**Client Prov/State:**
**Search Radius (km):** 0.25
**X:** -75.543896
**Y:** 45.439522

---

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 5 | 1 of 2 | WSW/213.5 | 80.9 / -1.00 | DELTA T PRODUCTS LTD.<br>2353 KEYSTONE CRT<br>OTTAWA ON K1W 1A9 | SCT |

**Established:** 1988
**Plant Size (ft²):** 0
**Employment:** 2

**--Details--**
**Description:** PLUMBING & HEATING EQUIPMENT & SUPPLIES (HYDRONICS)
**SIC/NAICS Code:** 5074

**Description:** WARM AIR HEATING & AIR-CONDITIONING EQUIPMENT & SUPPLIES
**SIC/NAICS Code:** 5075

**Description:** REFRIGERATION EQUIPMENT & SUPPLIES
**SIC/NAICS Code:** 5078

---

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 5 | 2 of 2 | WSW/213.5 | 80.9 / -1.00 | Delta T Products Ltd.<br>2353 Keystone Crt<br>Gloucester ON K1W 1A9 | SCT |

**Established:** 01-JAN-88
**Plant Size (ft²):** 800
**Employment:**

**--Details--**
**Description:** Wholesale Trade Agents and Brokers
**SIC/NAICS Code:** 419120

**Description:** Wholesale Trade Agents and Brokers
**SIC/NAICS Code:** 419120

# Unplottable Summary

**Total: 46 Unplottable sites**

| DB | Company Name/Site Name | Address | City | Postal |
|---|---|---|---|---|
| CA | Monarch Construction Limited | Lots 9 & 10, Concession 2 | Ottawa ON | |
| CA | Larco Land Corporation | part of Lots 10 & 11, Registered Plan 30 | Ottawa ON | |
| CA | Landsdown Developments Limited | Lot 11 and Prt Lot 10, Reg. Plan No. 2545 | Ottawa ON | |
| CA | Larco Corporation | part of Lots 10 & 11, Registered Plan 30 | Ottawa ON | |
| CA | City of Ottawa | Innes Rd., from Jeanne d'Arc Blvd. to Tenth Line | Ottawa ON | |
| CA | Monarch Construction Limited | Part of Lot 10, Concession 2 | Ottawa ON | |
| CA | City of Ottawa | Innes Rd., from Page Rd. to Tenth Line Rd. | Ottawa ON | |
| CA | Daniel Patrick O'Brien | Part Lot 9, Concession 3, at Manotick Station | Ottawa ON | |
| CA | City of Ottawa | Innes Rd., from Page Rd. to Tenth Line Rd. | Ottawa ON | |
| CA | THE DOUGLAS MACDONALD DEVELOP.CORP. | INNES RD. | GLOUCESTER CITY ON | |
| CA | R.M. OF OTTAWA-CARLETON | INNES RD. NORTH SIDE | GLOUCESTER CITY ON | |
| CA | Stonebridge Subdivision | Part of Lot 10, Concession 2 | Ottawa ON | |
| CA | | Lot 10, Lot 11, Conc. 2, Stonebridge Subd. | Ottawa ON | |
| CA | | Lot 10 and 11, Concession 2 | Ottawa ON | |
| CA | Stonebridge Subdivision | Part of Lot 10, Concession 2 | Ottawa ON | |
| CA | | Lot 10, Lot 11, Conc. 2, Stonebridge Subd. | Ottawa ON | |
| CA | Morgan's Grant Subdivision Phase 9 | Lot 10, Concession 3 | Ottawa ON | |
| CA | Morgan's Grant Subdivision Phase 6, 7 & 8 | Lot 10, Concession 3 | Ottawa ON | |

| | | | | |
|---|---|---|---|---|
| CA | Morgan's Grant Subdivision Phase 9 | Lot 10, Concession 3 | Ottawa ON | |
| CA | R.M. OF OTTAWA-CARLETON | INNES ROAD | GLOUCESTER CITY ON | |
| CA | THE DOUGLAS MACDONALD DEVELOP.CORP. | INNES RD. | GLOUCESTER CITY ON | |
| CA | KLAUS MORITZ | INNES RD. | GLOUCESTER CITY ON | |
| CA | KLAUS MORITZ | INNES RD. | GLOUCESTER CITY ON | |
| CA | REG. MUN. OF OTTAWA-CARLETON | INNES RD. | GLOUCESTER CITY ON | |
| CA | GOOD SHEPHERD ROMAN CATHOLIC CHURCH | INNES RD.,PT.LOT 9/CON.3, SWM | GLOUCESTER CITY ON | |
| CA | 561042 ONTARIO LTD. | KEMPLANE COURT | GLOUCESTER CITY ON | |
| CA | DOMICILE DEVELOPMENTS INC. IN TRUST | PRIVATE STREET #1/INNES ROAD | GLOUCESTER CITY ON | |
| CA | R.M. OF OTTAWA-CARLETON, | INNES RD. TRANSPORTATION DEPT. | GLOUCESTER CITY ON | |
| CA | LIFE CENTRE - LIFE CENTRE CHURCH | INNES ROAD | GLOUCESTER CITY ON | |
| CA | DOMICILE DEVELOPMENTS INC. IN TRUST | PRIVATE STREET INNES ROAD | GLOUCESTER CITY ON | |
| CA | Morgan's Grant Subdivision Phase 6, 7 & 8 | Lot 10, Concession 3 | Ottawa ON | |
| CA | 561042 ONTARIO LTD. | KEMPLANE COURT | GLOUCESTER CITY ON | |
| ECA | City of Ottawa | Innes Rd., from Page Rd. to Tenth Line Rd. | Ottawa ON | K2G 6J8 |
| ECA | City of Ottawa | Lot 10, Concession 2 | Ottawa ON | K1P 1J1 |
| ECA | City of Ottawa | Innes Rd., from Page Rd. to Tenth Line Rd. | Ottawa ON | K2G 6J8 |
| ECA | City of Ottawa | Innes Rd., from Page Rd. to Tenth Line Rd. | Ottawa ON | K2G 6J8 |
| GEN | CITY OF OTTAWA | LOT 10, CONSESSION 2 | OTTAWA ON | K1P 1J1 |
| LIMO | | Lot 10 Concession 3 Ottawa | ON | |
| LIMO | March Township March Township | RR #1 Part of Lot 10 Ottawa | ON | |
| LIMO | March | Lot 10 Concession 2 Ottawa | ON | |
| SPL | Purolator Courier | Eastbound Lanes just east of Innes Rd | Ottawa ON | |

| | | |
|---|---|---|
| WWIS | lot 10 | ON |
| WWIS | lot 9 | ON |
| WWIS | lot 9 | ON |
| WWIS | lot 9 | ON |
| WWIS | lot 10 | ON |

# Unplottable Report

***Site:*** ***Monarch Construction Limited***
***Lots 9 & 10, Concession 2 Ottawa ON***

***Database:*** ***CA***

***Certificate #:*** 0066-5F2HF8
***Application Year:*** 2002
***Issue Date:*** 10/18/2002
***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:*** ***Larco Land Corporation***
***part of Lots 10 & 11, Registered Plan 30 Ottawa ON***

***Database:*** ***CA***

***Certificate #:*** 1286-6HXQYH
***Application Year:*** 2005
***Issue Date:*** 11/29/2005
***Approval Type:*** Municipal and Private Sewage Works
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***Landsdown Developments Limited***
***Lot 11 and Prt Lot 10, Reg. Plan No. 2545 Ottawa ON***

***Database:*** ***CA***

***Certificate #:*** 1361-5ZRHG3
***Application Year:*** 2004
***Issue Date:*** 6/11/2004
***Approval Type:*** Municipal and Private Sewage Works
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***Larco Corporation***
***part of Lots 10 & 11, Registered Plan 30 Ottawa ON***

***Database:*** ***CA***

***Certificate #:*** 1688-6H4NQ8
***Application Year:*** 2005

***Issue Date:*** 10/13/2005
***Approval Type:*** Municipal and Private Sewage Works
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***City of Ottawa***
***Innes Rd., from Jeanne d'Arc Blvd. to Tenth Line Ottawa ON***

***Database:*** ***CA***

***Certificate #:*** 2961-64CRLV
***Application Year:*** 2004
***Issue Date:*** 9/9/2004
***Approval Type:*** Municipal and Private Sewage Works
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***Monarch Construction Limited***
***Part of Lot 10, Concession 2 Ottawa ON***

***Database:*** ***CA***

***Certificate #:*** 3027-5EYJGF
***Application Year:*** 2002
***Issue Date:*** 10/18/2002
***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***
***Innes Rd., from Page Rd. to Tenth Line Rd. Ottawa ON***

***Database:*** ***CA***

***Certificate #:*** 5266-64SP8E
***Application Year:*** 2004
***Issue Date:*** 9/14/2004
***Approval Type:*** Municipal and Private Sewage Works
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***Daniel Patrick O'Brien***
***Part Lot 9, Concession 3, at Manotick Station Ottawa ON***

***Database:*** ***CA***

***Certificate #:*** 9380-68QMKZ
***Application Year:*** 2005
***Issue Date:*** 1/27/2005
***Approval Type:*** Municipal and Private Sewage Works
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***City of Ottawa***
***Innes Rd., from Page Rd. to Tenth Line Rd. Ottawa ON***

***Database:*** ***CA***

***Certificate #:*** 9419-63DR5G
***Application Year:*** 2004
***Issue Date:*** 8/3/2004
***Approval Type:*** Municipal and Private Sewage Works
***Status:*** Revoked and/or Replaced
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***THE DOUGLAS MACDONALD DEVELOP.CORP.***
***INNES RD. GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 3-1487-85-006
***Application Year:*** 85
***Issue Date:*** 12/23/85
***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***
***INNES RD. NORTH SIDE GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 3-2060-88-
***Application Year:*** 88
***Issue Date:*** 10/30/1988
***Approval Type:*** Municipal sewage
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***

***Contaminants:***
***Emission Control:***

---

***Site:*** ***Stonebridge Subdivision***
***Part of Lot 10, Concession 2 Ottawa ON***

***Database:*** ***CA***

***Certificate #:*** 6503-522MPV
***Application Year:*** 01
***Issue Date:*** 9/5/01
***Approval Type:*** Municipal & Private water
***Status:*** Approved
***Application Type:*** New Certificate of Approval
***Client Name:*** Monarch Construction Limited
***Client Address:*** 3584 Jockvale Road
***Client City:*** Nepean
***Client Postal Code:*** K2C 3H2
***Project Description:*** Construction of atermains on Golflinks Drive, Oakbriar Crescent and Street 1.
***Contaminants:***
***Emission Control:***

---

***Site:***
***Lot 10, Lot 11, Conc. 2, Stonebridge Subd. Ottawa ON***

***Database:*** ***CA***

***Certificate #:*** 2176-4WDR8J
***Application Year:*** 01
***Issue Date:*** 5/4/01
***Approval Type:*** Municipal & Private water
***Status:*** Approved
***Application Type:*** New Certificate of Approval
***Client Name:*** Monarch Construction Limited
***Client Address:*** 3584 Jockvale Road
***Client City:*** Nepean
***Client Postal Code:*** K2C 3H2
***Project Description:*** Installation of a watermain re: Stonebridge Phase 3
***Contaminants:***
***Emission Control:***

---

***Site:***
***Lot 10 and 11, Concession 2 Ottawa ON***

***Database:*** ***CA***

***Certificate #:*** 2621-4WHPVP
***Application Year:*** 01
***Issue Date:*** 5/14/01
***Approval Type:*** Municipal & Private water
***Status:*** Approved
***Application Type:*** New Certificate of Approval
***Client Name:*** Monarch Construction Limited
***Client Address:*** 3584 Jockvale Road
***Client City:*** Nepean
***Client Postal Code:*** K2C 3H2
***Project Description:*** Watermain Construction
***Contaminants:***
***Emission Control:***

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***Site:*** ***Stonebridge Subdivision***
***Part of Lot 10, Concession 2 Ottawa ON***

***Database:*** ***CA***

***Certificate #:*** 9685-522N2M
***Application Year:*** 01
***Issue Date:*** 9/5/01
***Approval Type:*** Municipal & Private sewage
***Status:*** Approved
***Application Type:*** New Certificate of Approval

***Client Name:*** Monarch Construction Limited
***Client Address:*** 3584 Jockvale Road
***Client City:*** Nepean
***Client Postal Code:*** K2C 3H2
***Project Description:*** Construction of storm and sanitary sewers on Golflinks Drive, Oakbar Crescent and Street 1.
***Contaminants:***
***Emission Control:***

---

***Site:*** ***Database:*** ***CA***
***Lot 10, Lot 11, Conc. 2, Stonebridge Subd. Ottawa ON***

***Certificate #:*** 4838-4WDRDT
***Application Year:*** 01
***Issue Date:*** 5/4/01
***Approval Type:*** Municipal & Private sewage
***Status:*** Approved
***Application Type:*** New Certificate of Approval
***Client Name:*** Monarch Construction Limited
***Client Address:*** 3584 Jockvale Road
***Client City:*** Nepean
***Client Postal Code:*** K2C 3H2
***Project Description:*** Installation of storm and sanitary sewers to serve Stonebridge Phase 3
***Contaminants:***
***Emission Control:***

---

***Site:*** ***Morgan's Grant Subdivision Phase 9*** ***Database:*** ***CA***
***Lot 10, Concession 3 Ottawa ON***

***Certificate #:*** 1411-4UMSZM
***Application Year:*** 01
***Issue Date:*** 3/10/01
***Approval Type:*** Municipal & Private water
***Status:*** Approved
***Application Type:*** New Certificate of Approval
***Client Name:*** Minto Developments Inc.
***Client Address:*** 427 Laurier Avenue West, Suite 300
***Client City:*** Ottawa
***Client Postal Code:*** K1R 7Y2
***Project Description:*** Installation of watermains on Klondike Road, Piekoff Crescent, Wallsend Avenue and Rayburn Street.
***Contaminants:***
***Emission Control:***

---

***Site:*** ***Morgan's Grant Subdivision Phase 6, 7 & 8*** ***Database:*** ***CA***
***Lot 10, Concession 3 Ottawa ON***

***Certificate #:*** 8414-53CPMC
***Application Year:*** 01
***Issue Date:*** 10/11/01
***Approval Type:*** Municipal & Private water
***Status:*** Approved
***Application Type:*** New Certificate of Approval
***Client Name:*** Minto Developments Inc.
***Client Address:*** 427 Laurier Avenue West, Suite 300
***Client City:*** Ottawa
***Client Postal Code:*** K1R 7Y2
***Project Description:*** Construction of Watermains for Residential Development in Morgan's Grant Subdivision Phase 6, 7 & 8.
***Contaminants:***
***Emission Control:***

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***Site:*** ***Morgan's Grant Subdivision Phase 9*** ***Database:*** ***CA***
***Lot 10, Concession 3 Ottawa ON***

***Certificate #:*** 0828-4UMQX6

***Application Year:*** 01
***Issue Date:*** 3/10/01
***Approval Type:*** Municipal & Private sewage
***Status:*** Approved
***Application Type:*** New Certificate of Approval
***Client Name:*** Minto Developments Inc.
***Client Address:*** 427 Laurier Avenue West, Suite 300
***Client City:*** Ottawa
***Client Postal Code:*** K1R 7Y2
***Project Description:*** Installation of storm and sanitary sewers in Morgan's Grant Subdivision Phase 9, on Klondike Road, Piekoff Crescent, Wallsend Avenue and Rayburn Street.
***Contaminants:***
***Emission Control:***

---

***Site:*** ***R.M. OF OTTAWA-CARLETON***
***INNES ROAD GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 3-0734-88-
***Application Year:*** 88
***Issue Date:*** 5/13/1988
***Approval Type:*** Municipal sewage
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***THE DOUGLAS MACDONALD DEVELOP.CORP.***
***INNES RD. GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 7-1125-85-006
***Application Year:*** 85
***Issue Date:*** 12/23/85
***Approval Type:*** Municipal water
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***KLAUS MORITZ***
***INNES RD. GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 3-0583-85-006
***Application Year:*** 85
***Issue Date:*** 6/7/85
***Approval Type:*** Municipal sewage
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

***Site:*** ***KLAUS MORITZ***
***INNES RD. GLOUCESTER CITY ON***

***Database:*** ***CA***

| | |
|---|---|
| ***Certificate #:*** | 7-0394-85-006 |
| ***Application Year:*** | 85 |
| ***Issue Date:*** | 5/30/85 |
| ***Approval Type:*** | Municipal water |
| ***Status:*** | Approved |
| ***Application Type:*** | |
| ***Client Name:*** | |
| ***Client Address:*** | |
| ***Client City:*** | |
| ***Client Postal Code:*** | |
| ***Project Description:*** | |
| ***Contaminants:*** | |
| ***Emission Control:*** | |

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***Site:*** ***REG. MUN. OF OTTAWA-CARLETON***
***INNES RD. GLOUCESTER CITY ON***

***Database:*** ***CA***

| | |
|---|---|
| ***Certificate #:*** | 7-0153-85-006 |
| ***Application Year:*** | 85 |
| ***Issue Date:*** | 3/21/85 |
| ***Approval Type:*** | Municipal water |
| ***Status:*** | Approved |
| ***Application Type:*** | |
| ***Client Name:*** | |
| ***Client Address:*** | |
| ***Client City:*** | |
| ***Client Postal Code:*** | |
| ***Project Description:*** | |
| ***Contaminants:*** | |
| ***Emission Control:*** | |

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***Site:*** ***GOOD SHEPHERD ROMAN CATHOLIC CHURCH***
***INNES RD.,PT.LOT 9/CON.3, SWM GLOUCESTER CITY ON***

***Database:*** ***CA***

| | |
|---|---|
| ***Certificate #:*** | 3-0932-97- |
| ***Application Year:*** | 97 |
| ***Issue Date:*** | 9/5/1997 |
| ***Approval Type:*** | Municipal sewage |
| ***Status:*** | Approved |
| ***Application Type:*** | |
| ***Client Name:*** | |
| ***Client Address:*** | |
| ***Client City:*** | |
| ***Client Postal Code:*** | |
| ***Project Description:*** | |
| ***Contaminants:*** | |
| ***Emission Control:*** | |

---

***Site:*** ***561042 ONTARIO LTD.***
***KEMPLANE COURT GLOUCESTER CITY ON***

***Database:*** ***CA***

| | |
|---|---|
| ***Certificate #:*** | 7-0437-87- |
| ***Application Year:*** | 87 |
| ***Issue Date:*** | 4/29/1987 |
| ***Approval Type:*** | Municipal water |
| ***Status:*** | Approved |
| ***Application Type:*** | |
| ***Client Name:*** | |
| ***Client Address:*** | |
| ***Client City:*** | |

***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***DOMICILE DEVELOPMENTS INC. IN TRUST***
***PRIVATE STREET #1/INNES ROAD GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 7-0032-90-
***Application Year:*** 90
***Issue Date:*** 2/1/1990
***Approval Type:*** Municipal water
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

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***Site:*** ***R.M. OF OTTAWA-CARLETON,***
***INNES RD. TRANSPORTATION DEPT. GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 7-0814-88-
***Application Year:*** 88
***Issue Date:*** 6/28/1988
***Approval Type:*** Municipal water
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

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***Site:*** ***LIFE CENTRE - LIFE CENTRE CHURCH***
***INNES ROAD GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 3-0926-91-
***Application Year:*** 91
***Issue Date:*** 7/3/1991
***Approval Type:*** Municipal sewage
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

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***Site:*** ***DOMICILE DEVELOPMENTS INC. IN TRUST***
***PRIVATE STREET INNES ROAD GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 3-0047-90-
***Application Year:*** 90
***Issue Date:*** 2/16/1990
***Approval Type:*** Municipal sewage

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

---

***Site:*** ***Morgan's Grant Subdivision Phase 6, 7 & 8***
***Lot 10, Concession 3 Ottawa ON***

***Database:*** ***CA***

***Certificate #:*** 8761-53CPYZ
***Application Year:*** 01
***Issue Date:*** 10/11/01
***Approval Type:*** Municipal & Private sewage
***Status:*** Approved
***Application Type:*** New Certificate of Approval
***Client Name:*** Minto Developments Inc.
***Client Address:*** 427 Laurier Avenue West, Suite 300
***Client City:*** Ottawa
***Client Postal Code:*** K1R 7Y2
***Project Description:*** Construction of Storm and Sanitary Sewers for Residential Development Morgan's Grant Subdivision Phase 6, 7, & 8
***Contaminants:***
***Emission Control:***

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***Site:*** ***561042 ONTARIO LTD.***
***KEMPLANE COURT GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 3-0531-87-
***Application Year:*** 87
***Issue Date:*** 4/29/1987
***Approval Type:*** Municipal sewage
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

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***Site:*** ***City of Ottawa***
***Innes Rd., from Page Rd. to Tenth Line Rd. Ottawa ON K2G 6J8***

***Database:*** ***ECA***

***Approval No:*** 9419-63DR5G
***Approval Date:*** 2004-08-03
***Status:*** Revoked and/or Replaced
***Record Type:*** ECA
***Link Source:*** IDS
***SWP Area Name:***
***MOE District:***
***City:***
***Longitude:***
***Latitude:***
***Geometry X:***
***Geometry Y:***
***Approval Type:*** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
***Project Type:*** MUNICIPAL AND PRIVATE SEWAGE WORKS
***Business Name:*** City of Ottawa
***Address:*** Innes Rd., from Page Rd. to Tenth Line Rd.
***Full Address:***
***Full PDF Link:*** https://www.accessenvironment.ene.gov.on.ca/instruments/5870-63CRN6-14.pdf

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***Site:*** ***City of Ottawa***
***Lot 10, Concession 2 Ottawa ON K1P 1J1***

***Database:*** ***ECA***

| | | | |
|---|---|---|---|
| ***Approval No:*** | 5280-96KNG8 | ***MOE District:*** | |
| ***Approval Date:*** | 2013-04-30 | ***City:*** | |
| ***Status:*** | Approved | ***Longitude:*** | |
| ***Record Type:*** | ECA | ***Latitude:*** | |
| ***Link Source:*** | IDS | ***Geometry X:*** | |
| ***SWP Area Name:*** | | ***Geometry Y:*** | |
| ***Approval Type:*** | ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS | | |
| ***Project Type:*** | MUNICIPAL AND PRIVATE SEWAGE WORKS | | |
| ***Business Name:*** | City of Ottawa | | |
| ***Address:*** | Lot 10, Concession 2 | | |
| ***Full Address:*** | | | |
| ***Full PDF Link:*** | https://www.accessenvironment.ene.gov.on.ca/instruments/0810-8ZFJSZ-14.pdf | | |

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***Site:*** ***City of Ottawa***
***Innes Rd., from Page Rd. to Tenth Line Rd. Ottawa ON K2G 6J8***

***Database:*** ***ECA***

| | | | |
|---|---|---|---|
| ***Approval No:*** | 5266-64SP8E | ***MOE District:*** | |
| ***Approval Date:*** | 2004-09-14 | ***City:*** | |
| ***Status:*** | Approved | ***Longitude:*** | |
| ***Record Type:*** | ECA | ***Latitude:*** | |
| ***Link Source:*** | IDS | ***Geometry X:*** | |
| ***SWP Area Name:*** | | ***Geometry Y:*** | |
| ***Approval Type:*** | ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS | | |
| ***Project Type:*** | MUNICIPAL AND PRIVATE SEWAGE WORKS | | |
| ***Business Name:*** | City of Ottawa | | |
| ***Address:*** | Innes Rd., from Page Rd. to Tenth Line Rd. | | |
| ***Full Address:*** | | | |
| ***Full PDF Link:*** | https://www.accessenvironment.ene.gov.on.ca/instruments/4858-64GKS5-14.pdf | | |

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***Site:*** ***City of Ottawa***
***Innes Rd., from Page Rd. to Tenth Line Rd. Ottawa ON K2G 6J8***

***Database:*** ***ECA***

| | | | |
|---|---|---|---|
| ***Approval No:*** | 3734-63DRJL | ***MOE District:*** | |
| ***Approval Date:*** | 2004-08-03 | ***City:*** | |
| ***Status:*** | Approved | ***Longitude:*** | |
| ***Record Type:*** | ECA | ***Latitude:*** | |
| ***Link Source:*** | IDS | ***Geometry X:*** | |
| ***SWP Area Name:*** | | ***Geometry Y:*** | |
| ***Approval Type:*** | ECA-Municipal Drinking Water Systems | | |
| ***Project Type:*** | Municipal Drinking Water Systems | | |
| ***Business Name:*** | City of Ottawa | | |
| ***Address:*** | Innes Rd., from Page Rd. to Tenth Line Rd. | | |
| ***Full Address:*** | | | |
| ***Full PDF Link:*** | | | |

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***Site:*** ***CITY OF OTTAWA***
***LOT 10, CONSESSION 2 OTTAWA ON K1P 1J1***

***Database:*** ***GEN***

| | | | |
|---|---|---|---|
| ***Generator No:*** | ON3823377 | ***PO Box No:*** | |
| ***Status:*** | | ***Country:*** | |
| ***Approval Years:*** | 07,08 | ***Choice of Contact:*** | |
| ***Contam. Facility:*** | | ***Co Admin:*** | |
| ***MHSW Facility:*** | | ***Phone No Admin:*** | |
| ***SIC Code:*** | | | |
| ***SIC Description:*** | | | |

***Detail(s)***

| | |
|---|---|
| ***Waste Class:*** | 251 |
| ***Waste Class Desc:*** | OIL SKIMMINGS & SLUDGES |

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***Site:***
***Lot 10 Concession 3 Ottawa ON***

***Database:*** ***LIMO***

***ECA/Instrument No:*** X9015
***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 10 Concession 3
Ottawa
***Service Area:***
***Page URL:***

***Natural Attenuation:***
***Liners:***
***Cover Material:***
***Leachate Off-Site:***
***Leachate On Site:***
***Req Coll Lndfll Gas:***
***Lndfll 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:***
***Longitude:***
***Easting:***
***Northing:***
***UTM Zone:***
***Data Source:***

---

***Site:*** ***March Township March Township***
***RR #1 Part of Lot 10 Ottawa ON***

***Database:*** ***LIMO***

***ECA/Instrument No:*** A460301
***Oper Status 2016:*** Closed
***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:***
***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:*** March Township
March Township
***Site Location Details:***

***Natural Attenuation:***
***Liners:***
***Cover Material:***
***Leachate Off-Site:***
***Leachate On Site:***
***Req Coll Lndfll Gas:***
***Lndfll 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:***
***Longitude:***
***Easting:***
***Northing:***
***UTM Zone:***
***Data Source:***

***Service Area:***
***Page URL:***

---

***Site:*** ***March***
***Lot 10 Concession 2 Ottawa ON***

***Database:*** ***LIMO***

| | | | |
|---|---|---|---|
| ***ECA/Instrument No:*** | X9010 | ***Natural Attenuation:*** | |
| ***Oper Status 2016:*** | Historic | ***Liners:*** | |
| ***C of A Issue Date:*** | | ***Cover Material:*** | |
| ***C of A Issued to:*** | | ***Leachate Off-Site:*** | |
| ***Lndfl Gas Mgmt (P):*** | | ***Leachate On Site:*** | |
| ***Lndfl Gas Mgmt (F):*** | | ***Req Coll Lndfll Gas:*** | |
| ***Lndfl Gas Mgmt (E):*** | | ***Lndfll Gas Coll:*** | |
| ***Lndfl Gas Mgmt Sys:*** | | ***Total Waste Rec:*** | |
| ***Landfill Gas Mntr:*** | | ***TWR Methodology:*** | |
| ***Leachate Coll Sys:*** | | ***TWR Unit:*** | |
| ***ERC Est Vol (m3):*** | | ***Tot Aprv Cap Unit:*** | |
| ***ERC Volume Unit:*** | | ***Financial Assurance:*** | |
| ***ERC Dt Last Det:*** | | ***Last Report Year:*** | |
| ***Landfill Type:*** | | ***MOE Region:*** | |
| ***Source File Type:*** | Historic and Closed Landfills | ***MOE District:*** | |
| ***Fill Rate:*** | | ***Site County:*** | |
| ***Fill Rate Unit:*** | | ***Lot:*** | |
| ***Tot Fill Area (ha):*** | | ***Concession:*** | |
| ***Tot Site Area (ha):*** | | ***Latitude:*** | |
| ***Footprint:*** | | ***Longitude:*** | |
| ***Tot Apprv Cap (m3):*** | | ***Easting:*** | |
| ***Contam Atten Zone:*** | | ***Northing:*** | |
| ***Grndwtr Mntr:*** | | ***UTM Zone:*** | |
| ***Surf Wtr Mntr:*** | | ***Data Source:*** | |
| ***Air Emis Monitor:*** | | | |
| ***Approved Waste Type:*** | | | |
| ***Client Site Name:*** | March | | |
| ***ERC Methodology:*** | | | |
| ***Site Name:*** | | | |
| ***Site Location Details:*** | Lot 10 Concession 2<br>Ottawa | | |
| ***Service Area:*** | | | |
| ***Page URL:*** | | | |

---

***Site:*** ***Purolator Courier***
***Eastbound Lanes just east of Innes Rd Ottawa ON***

***Database:*** ***SPL***

| | | | |
|---|---|---|---|
| ***Ref No:*** | 3071-98NH3R | ***Discharger Report:*** | |
| ***Site No:*** | | ***Material Group:*** | |
| ***Incident Dt:*** | 14-JUN-13 | ***Health/Env Conseq:*** | |
| ***Year:*** | | ***Client Type:*** | |
| ***Incident Cause:*** | Collision/Accident | ***Sector Type:*** | Truck - Transport/Hauling |
| ***Incident Event:*** | | ***Agency Involved:*** | |
| ***Contaminant Code:*** | 13 | ***Nearest Watercourse:*** | |
| ***Contaminant Name:*** | DIESEL FUEL | ***Site Address:*** | Eastbound Lanes just east of Innes Rd |
| ***Contaminant Limit 1:*** | | ***Site District Office:*** | |
| ***Contam Limit Freq 1:*** | | ***Site Postal Code:*** | |
| ***Contaminant UN No 1:*** | | ***Site Region:*** | |
| ***Environment Impact:*** | Not Anticipated | ***Site Municipality:*** | Ottawa |
| ***Nature of Impact:*** | Soil Contamination | ***Site Lot:*** | |
| ***Receiving Medium:*** | | ***Site Conc:*** | |
| ***Receiving Env:*** | | ***Northing:*** | |
| ***MOE Response:*** | No Field Response | ***Easting:*** | |
| ***Dt MOE Arvl on Scn:*** | | ***Site Geo Ref Accu:*** | |
| ***MOE Reported Dt:*** | 14-JUN-13 | ***Site Map Datum:*** | |
| ***Dt Document Closed:*** | | ***SAC Action Class:*** | Highway Spills (usually highway accidents) |
| ***Incident Reason:*** | Operator/Human Error | ***Source Type:*** | |
| ***Site Name:*** | County Road 174<UNOFFICIAL> | | |
| ***Site County/District:*** | | | |
| ***Site Geo Ref Meth:*** | | | |
| ***Incident Summary:*** | Purolator TT Roll-over on Queensway - 12 L's of dsl to ditch | | |

***Contaminant Qty:*** 12 L

---

***Site:***
***lot 10 ON***

***Database:***
***WWIS***

***Well ID:*** 1516946
***Construction Date:***
***Primary Water Use:*** Domestic
***Sec. Water Use:***
***Final Well Status:*** Water Supply
***Water Type:***
***Casing Material:***
***Audit No:***
***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:*** 1
***Date Received:*** 5/28/1979
***Selected Flag:*** Yes
***Abandonment Rec:***
***Contractor:*** 3644
***Form Version:*** 1
***Owner:***
***Street Name:***
***County:*** OTTAWA
***Municipality:*** GLOUCESTER TOWNSHIP
***Site Info:***
***Lot:*** 010
***Concession:***
***Concession Name:***
***Easting NAD83:***
***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 10038833
***DP2BR:*** 30
***Spatial Status:***
***Code OB:*** r
***Code OB Desc:*** Bedrock
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 4/30/1979
***Remarks:***
***Elevrc Desc:***
***Location Source Date:***
***Improvement Location Source:***
***Improvement Location Method:***
***Source Revision Comment:***
***Supplier Comment:***

***Elevation:***
***Elevrc:***
***Zone:*** 18
***East83:***
***North83:***
***Org CS:***
***UTMRC:*** 9
***UTMRC Desc:*** unknown UTM
***Location Method:*** na

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931033679
***Layer:*** 3
***Color:*** 2
***General Color:*** GREY
***Mat1:*** 15
***Most Common Material:*** LIMESTONE
***Mat2:***
***Mat2 Desc:***
***Mat3:***
***Mat3 Desc:***
***Formation Top Depth:*** 30
***Formation End Depth:*** 64
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931033678
***Layer:*** 2

***Color:*** 2
***General Color:*** GREY
***Mat1:*** 05
***Most Common Material:*** CLAY
***Mat2:*** 12
***Mat2 Desc:*** STONES
***Mat3:***
***Mat3 Desc:***
***Formation Top Depth:*** 25
***Formation End Depth:*** 30
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931033677
***Layer:*** 1
***Color:*** 2
***General Color:*** GREY
***Mat1:*** 05
***Most Common Material:*** CLAY
***Mat2:***
***Mat2 Desc:***
***Mat3:***
***Mat3 Desc:***
***Formation Top Depth:*** 0
***Formation End Depth:*** 25
***Formation End Depth UOM:*** ft

***Method of Construction & Well Use***

***Method Construction ID:*** 961516946
***Method Construction Code:*** 5
***Method Construction:*** Air Percussion
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10587403
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930068123
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 32
***Casing Diameter:*** 6
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Results of Well Yield Testing***

***Pump Test ID:*** 991516946
***Pump Set At:***
***Static Level:*** 12
***Final Level After Pumping:*** 25
***Recommended Pump Depth:*** 25
***Pumping Rate:*** 30
***Flowing Rate:***
***Recommended Pump Rate:*** 10

***Levels UOM:*** ft
***Rate UOM:*** GPM
***Water State After Test Code:*** 2
***Water State After Test:*** CLOUDY
***Pumping Test Method:*** 1
***Pumping Duration HR:*** 1
***Pumping Duration MIN:*** 0
***Flowing:*** No

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934643583
***Test Type:***
***Test Duration:*** 45
***Test Level:*** 25
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934901066
***Test Type:***
***Test Duration:*** 60
***Test Level:*** 25
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934102497
***Test Type:***
***Test Duration:*** 15
***Test Level:*** 25
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934382076
***Test Type:***
***Test Duration:*** 30
***Test Level:*** 25
***Test Level UOM:*** ft

***Water Details***

***Water ID:*** 933473331
***Layer:*** 1
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 45
***Water Found Depth UOM:*** ft

***Water Details***

***Water ID:*** 933473332
***Layer:*** 2
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 61
***Water Found Depth UOM:*** ft

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***Site:***
***lot 9 ON***

***Database:*** ***WWIS***

***Well ID:*** 1520604
***Construction Date:***

***Data Entry Status:***
***Data Src:*** 1

***Primary Water Use:*** Domestic
***Sec. Water Use:***
***Final Well Status:*** Water Supply
***Water Type:***
***Casing Material:***
***Audit No:*** NA
***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:***

***Date Received:*** 8/12/1986
***Selected Flag:*** Yes
***Abandonment Rec:***
***Contractor:*** 3644
***Form Version:*** 1
***Owner:***
***Street Name:***
***County:*** OTTAWA
***Municipality:*** GLOUCESTER TOWNSHIP
***Site Info:***
***Lot:*** 009
***Concession:***
***Concession Name:***
***Easting NAD83:***
***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 10042446
***DP2BR:*** 25
***Spatial Status:***
***Code OB:*** r
***Code OB Desc:*** Bedrock
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 6/5/1986
***Remarks:***
***Elevrc Desc:***
***Location Source Date:***
***Improvement Location Source:***
***Improvement Location Method:***
***Source Revision Comment:***
***Supplier Comment:***

***Elevation:***
***Elevrc:***
***Zone:*** 18
***East83:***
***North83:***
***Org CS:***
***UTMRC:*** 9
***UTMRC Desc:*** unknown UTM
***Location Method:*** na

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931045289
***Layer:*** 4
***Color:*** 1
***General Color:*** WHITE
***Mat1:*** 18
***Most Common Material:*** SANDSTONE
***Mat2:***
***Mat2 Desc:***
***Mat3:***
***Mat3 Desc:***
***Formation Top Depth:*** 95
***Formation End Depth:*** 105
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931045286
***Layer:*** 1
***Color:*** 2
***General Color:*** GREY
***Mat1:*** 05
***Most Common Material:*** CLAY
***Mat2:***
***Mat2 Desc:***
***Mat3:***
***Mat3 Desc:***

***Formation Top Depth:*** 0
***Formation End Depth:*** 13
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931045288
***Layer:*** 3
***Color:*** 2
***General Color:*** GREY
***Mat1:*** 15
***Most Common Material:*** LIMESTONE
***Mat2:***
***Mat2 Desc:***
***Mat3:***
***Mat3 Desc:***
***Formation Top Depth:*** 25
***Formation End Depth:*** 95
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931045287
***Layer:*** 2
***Color:*** 2
***General Color:*** GREY
***Mat1:*** 14
***Most Common Material:*** HARDPAN
***Mat2:*** 12
***Mat2 Desc:*** STONES
***Mat3:***
***Mat3 Desc:***
***Formation Top Depth:*** 13
***Formation End Depth:*** 25
***Formation End Depth UOM:*** ft

***Method of Construction & Well Use***

***Method Construction ID:*** 961520604
***Method Construction Code:*** 5
***Method Construction:*** Air Percussion
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10591016
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930074085
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 27
***Casing Diameter:*** 6
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

| | |
|---|---|
| ***Casing ID:*** | 930074086 |
| ***Layer:*** | 2 |
| ***Material:*** | 4 |
| ***Open Hole or Material:*** | OPEN HOLE |
| ***Depth From:*** | |
| ***Depth To:*** | 105 |
| ***Casing Diameter:*** | 6 |
| ***Casing Diameter UOM:*** | inch |
| ***Casing Depth UOM:*** | ft |

***Results of Well Yield Testing***

| | |
|---|---|
| ***Pump Test ID:*** | 991520604 |
| ***Pump Set At:*** | |
| ***Static Level:*** | 15 |
| ***Final Level After Pumping:*** | 60 |
| ***Recommended Pump Depth:*** | 60 |
| ***Pumping Rate:*** | 50 |
| ***Flowing Rate:*** | |
| ***Recommended Pump Rate:*** | 15 |
| ***Levels UOM:*** | ft |
| ***Rate UOM:*** | GPM |
| ***Water State After Test Code:*** | 2 |
| ***Water State After Test:*** | CLOUDY |
| ***Pumping Test Method:*** | 1 |
| ***Pumping Duration HR:*** | 1 |
| ***Pumping Duration MIN:*** | 0 |
| ***Flowing:*** | No |

***Draw Down & Recovery***

| | |
|---|---|
| ***Pump Test Detail ID:*** | 934387353 |
| ***Test Type:*** | |
| ***Test Duration:*** | 30 |
| ***Test Level:*** | 60 |
| ***Test Level UOM:*** | ft |

***Draw Down & Recovery***

| | |
|---|---|
| ***Pump Test Detail ID:*** | 934648376 |
| ***Test Type:*** | |
| ***Test Duration:*** | 45 |
| ***Test Level:*** | 60 |
| ***Test Level UOM:*** | ft |

***Draw Down & Recovery***

| | |
|---|---|
| ***Pump Test Detail ID:*** | 934906158 |
| ***Test Type:*** | |
| ***Test Duration:*** | 60 |
| ***Test Level:*** | 60 |
| ***Test Level UOM:*** | ft |

***Draw Down & Recovery***

| | |
|---|---|
| ***Pump Test Detail ID:*** | 934112490 |
| ***Test Type:*** | |
| ***Test Duration:*** | 15 |
| ***Test Level:*** | 60 |
| ***Test Level UOM:*** | ft |

***Water Details***

***Water ID:*** 933477895
***Layer:*** 1
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 55
***Water Found Depth UOM:*** ft

***Water Details***

***Water ID:*** 933477896
***Layer:*** 2
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 100
***Water Found Depth UOM:*** ft

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***Site:***
***lot 9 ON***

***Database:***
***WWIS***

***Well ID:*** 1528160
***Construction Date:***
***Primary Water Use:*** Domestic
***Sec. Water Use:***
***Final Well Status:*** Water Supply
***Water Type:***
***Casing Material:***
***Audit No:*** 137485
***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:*** 1
***Date Received:*** 9/6/1994
***Selected Flag:*** Yes
***Abandonment Rec:***
***Contractor:*** 3644
***Form Version:*** 1
***Owner:***
***Street Name:***
***County:*** OTTAWA
***Municipality:*** GLOUCESTER TOWNSHIP
***Site Info:***
***Lot:*** 009
***Concession:***
***Concession Name:***
***Easting NAD83:***
***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 10049699
***DP2BR:*** 30
***Spatial Status:***
***Code OB:*** r
***Code OB Desc:*** Bedrock
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 8/23/1994
***Remarks:***
***Elevrc Desc:***
***Location Source Date:***
***Improvement Location Source:***
***Improvement Location Method:***
***Source Revision Comment:***
***Supplier Comment:***

***Elevation:***
***Elevrc:***
***Zone:*** 18
***East83:***
***North83:***
***Org CS:***
***UTMRC:*** 9
***UTMRC Desc:*** unknown UTM
***Location Method:*** na

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931068782
***Layer:*** 1
***Color:*** 2
***General Color:*** GREY
***Mat1:*** 05
***Most Common Material:*** CLAY

***Mat2:***
***Mat2 Desc:***
***Mat3:***
***Mat3 Desc:***
***Formation Top Depth:*** 0
***Formation End Depth:*** 9
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931068783
***Layer:*** 2
***Color:*** 2
***General Color:*** GREY
***Mat1:*** 05
***Most Common Material:*** CLAY
***Mat2:*** 12
***Mat2 Desc:*** STONES
***Mat3:*** 11
***Mat3 Desc:*** GRAVEL
***Formation Top Depth:*** 9
***Formation End Depth:*** 30
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931068784
***Layer:*** 3
***Color:*** 2
***General Color:*** GREY
***Mat1:*** 15
***Most Common Material:*** LIMESTONE
***Mat2:***
***Mat2 Desc:***
***Mat3:***
***Mat3 Desc:***
***Formation Top Depth:*** 30
***Formation End Depth:*** 63
***Formation End Depth UOM:*** ft

***Method of Construction & Well Use***

***Method Construction ID:*** 961528160
***Method Construction Code:*** 5
***Method Construction:*** Air Percussion
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10598269
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930086866
***Layer:*** 2
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:*** 63
***Casing Diameter:*** 6

***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930086865
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 34
***Casing Diameter:*** 6
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Results of Well Yield Testing***

***Pump Test ID:*** 991528160
***Pump Set At:***
***Static Level:*** 14
***Final Level After Pumping:*** 50
***Recommended Pump Depth:*** 50
***Pumping Rate:*** 18
***Flowing Rate:***
***Recommended Pump Rate:*** 15
***Levels UOM:*** ft
***Rate UOM:*** GPM
***Water State After Test Code:*** 2
***Water State After Test:*** CLOUDY
***Pumping Test Method:*** 1
***Pumping Duration HR:*** 1
***Pumping Duration MIN:*** 0
***Flowing:*** No

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934387225
***Test Type:*** Recovery
***Test Duration:*** 30
***Test Level:*** 14
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934905345
***Test Type:*** Recovery
***Test Duration:*** 60
***Test Level:*** 14
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934112416
***Test Type:*** Recovery
***Test Duration:*** 15
***Test Level:*** 15
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934656553
***Test Type:*** Recovery
***Test Duration:*** 45
***Test Level:*** 14
***Test Level UOM:*** ft

***Water Details***

| | |
|---|---|
| ***Water ID:*** | 933487753 |
| ***Layer:*** | 1 |
| ***Kind Code:*** | 5 |
| ***Kind:*** | Not stated |
| ***Water Found Depth:*** | 40 |
| ***Water Found Depth UOM:*** | ft |

***Water Details***

| | |
|---|---|
| ***Water ID:*** | 933487754 |
| ***Layer:*** | 2 |
| ***Kind Code:*** | 5 |
| ***Kind:*** | Not stated |
| ***Water Found Depth:*** | 56 |
| ***Water Found Depth UOM:*** | ft |

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***Site:***
***lot 9 ON***

***Database:***
***WWIS***

| | | | |
|---|---|---|---|
| ***Well ID:*** | 1534130 | ***Data Entry Status:*** | |
| ***Construction Date:*** | | ***Data Src:*** | 1 |
| ***Primary Water Use:*** | Domestic | ***Date Received:*** | 10/23/2003 |
| ***Sec. Water Use:*** | | ***Selected Flag:*** | Yes |
| ***Final Well Status:*** | Water Supply | ***Abandonment Rec:*** | |
| ***Water Type:*** | | ***Contractor:*** | 1119 |
| ***Casing Material:*** | | ***Form Version:*** | 1 |
| ***Audit No:*** | 265562 | ***Owner:*** | |
| ***Tag:*** | | ***Street Name:*** | |
| ***Construction Method:*** | | ***County:*** | OTTAWA |
| ***Elevation (m):*** | | ***Municipality:*** | GLOUCESTER TOWNSHIP |
| ***Elevation Reliability:*** | | ***Site Info:*** | |
| ***Depth to Bedrock:*** | | ***Lot:*** | 009 |
| ***Well Depth:*** | | ***Concession:*** | |
| ***Overburden/Bedrock:*** | | ***Concession Name:*** | BF |
| ***Pump Rate:*** | | ***Easting NAD83:*** | |
| ***Static Water Level:*** | | ***Northing NAD83:*** | |
| ***Flowing (Y/N):*** | | ***Zone:*** | |
| ***Flow Rate:*** | | ***UTM Reliability:*** | |
| ***Clear/Cloudy:*** | | | |

***Bore Hole Information***

| | | | |
|---|---|---|---|
| ***Bore Hole ID:*** | 10543245 | ***Elevation:*** | |
| ***DP2BR:*** | 59 | ***Elevrc:*** | |
| ***Spatial Status:*** | | ***Zone:*** | 18 |
| ***Code OB:*** | r | ***East83:*** | |
| ***Code OB Desc:*** | Bedrock | ***North83:*** | |
| ***Open Hole:*** | | ***Org CS:*** | |
| ***Cluster Kind:*** | | ***UTMRC:*** | 9 |
| ***Date Completed:*** | 9/10/2003 | ***UTMRC Desc:*** | unknown UTM |
| ***Remarks:*** | | ***Location Method:*** | na |
| ***Elevrc Desc:*** | | | |
| ***Location Source Date:*** | | | |
| ***Improvement Location Source:*** | | | |
| ***Improvement Location Method:*** | | | |
| ***Source Revision Comment:*** | | | |
| ***Supplier Comment:*** | | | |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 932925089 |
| ***Layer:*** | 3 |

***Color:*** 2
***General Color:*** GREY
***Mat1:*** 18
***Most Common Material:*** SANDSTONE
***Mat2:***
***Mat2 Desc:***
***Mat3:***
***Mat3 Desc:***
***Formation Top Depth:*** 106
***Formation End Depth:*** 220
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 932925087
***Layer:*** 1
***Color:***
***General Color:***
***Mat1:*** 05
***Most Common Material:*** CLAY
***Mat2:***
***Mat2 Desc:***
***Mat3:***
***Mat3 Desc:***
***Formation Top Depth:*** 0
***Formation End Depth:*** 59
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 932925088
***Layer:*** 2
***Color:*** 2
***General Color:*** GREY
***Mat1:*** 15
***Most Common Material:*** LIMESTONE
***Mat2:***
***Mat2 Desc:***
***Mat3:***
***Mat3 Desc:***
***Formation Top Depth:*** 59
***Formation End Depth:*** 106
***Formation End Depth UOM:*** ft

***Annular Space/Abandonment Sealing Record***

***Plug ID:*** 933240997
***Layer:*** 1
***Plug From:*** 0
***Plug To:*** 64
***Plug Depth UOM:*** ft

***Method of Construction & Well Use***

***Method Construction ID:*** 961534130
***Method Construction Code:*** 5
***Method Construction:*** Air Percussion
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 11091815

***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930098284
***Layer:*** 2
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:***
***Casing Diameter:*** 6
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930098283
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:***
***Casing Diameter:*** 6
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Results of Well Yield Testing***

***Pump Test ID:*** 991534130
***Pump Set At:***
***Static Level:*** 12
***Final Level After Pumping:*** 200
***Recommended Pump Depth:*** 200
***Pumping Rate:*** 3
***Flowing Rate:***
***Recommended Pump Rate:*** 3
***Levels UOM:*** ft
***Rate UOM:*** GPM
***Water State After Test Code:*** 2
***Water State After Test:*** CLOUDY
***Pumping Test Method:*** 1
***Pumping Duration HR:*** 1
***Pumping Duration MIN:*** 0
***Flowing:*** No

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934657211
***Test Type:*** Recovery
***Test Duration:*** 45
***Test Level:*** 92
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934914658
***Test Type:*** Recovery
***Test Duration:*** 60
***Test Level:*** 56
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934397251
***Test Type:*** Recovery
***Test Duration:*** 30
***Test Level:*** 128
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934113637
***Test Type:*** Recovery
***Test Duration:*** 15
***Test Level:*** 164
***Test Level UOM:*** ft

***Water Details***

***Water ID:*** 934037038
***Layer:*** 1
***Kind Code:*** 5
***Kind:*** Not stated
***Water Found Depth:*** 185
***Water Found Depth UOM:*** ft

***Water Details***

***Water ID:*** 934037039
***Layer:*** 2
***Kind Code:*** 5
***Kind:*** Not stated
***Water Found Depth:*** 203
***Water Found Depth UOM:*** ft

---

***Site:***
***lot 10 ON***

***Database:***
***WWIS***

***Well ID:*** 1535825
***Construction Date:***
***Primary Water Use:***
***Sec. Water Use:***
***Final Well Status:***
***Water Type:***
***Casing Material:***
***Audit No:*** Z17653
***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:*** 9/29/2005
***Selected Flag:*** Yes
***Abandonment Rec:***
***Contractor:*** 6907
***Form Version:*** 3
***Owner:***
***Street Name:***
***County:*** OTTAWA
***Municipality:*** OTTAWA CITY
***Site Info:***
***Lot:*** 010
***Concession:***
***Concession Name:***
***Easting NAD83:***
***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 11316364
***DP2BR:***
***Spatial Status:***
***Code OB:*** u
***Code OB Desc:*** all layers are unknown type
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 9/22/2005

***Elevation:***
***Elevrc:***
***Zone:***
***East83:***
***North83:***
***Org CS:***
***UTMRC:***
***UTMRC Desc:***

***Remarks:*** ***Location Method:*** na
***Elevrc Desc:***
***Location Source Date:***
***Improvement Location Source:***
***Improvement Location Method:***
***Source Revision Comment:***
***Supplier Comment:***

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 932997253
***Layer:*** 1
***Color:***
***General Color:***
***Mat1:***
***Most Common Material:***
***Mat2:***
***Mat2 Desc:***
***Mat3:***
***Mat3 Desc:***
***Formation Top Depth:*** 0
***Formation End Depth:*** 19
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 932997254
***Layer:*** 2
***Color:***
***General Color:***
***Mat1:***
***Most Common Material:***
***Mat2:***
***Mat2 Desc:***
***Mat3:***
***Mat3 Desc:***
***Formation Top Depth:*** 19
***Formation End Depth:*** 77
***Formation End Depth UOM:*** ft

***Method of Construction & Well Use***

***Method Construction ID:*** 961535825
***Method Construction Code:*** B
***Method Construction:*** Other Method
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 11331219
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Results of Well Yield Testing***

***Pump Test ID:*** 11345704
***Pump Set At:*** 75
***Static Level:***
***Final Level After Pumping:***
***Recommended Pump Depth:***
***Pumping Rate:***
***Flowing Rate:***

***Recommended Pump Rate:***
***Levels UOM:*** ft
***Rate UOM:*** LPM
***Water State After Test Code:***
***Water State After Test:***
***Pumping Test Method:***
***Pumping Duration HR:***
***Pumping Duration MIN:***
***Flowing:***

# Appendix: Database Descriptions

*Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update.* ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

***Abandoned Aggregate Inventory:*** Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

***Government Publication Date: Sept 2002****

***Aggregate Inventory:*** Provincial AGR

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

***Government Publication Date: Up to Sep 2020***

***Abandoned Mine Information System:*** Provincial AMIS

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

***Government Publication Date: 1800-Oct 2018***

***Anderson's Waste Disposal Sites:*** Private ANDR

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

***Government Publication Date: 1860s-Present***

***Aboveground Storage Tanks:*** Provincial AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

***Government Publication Date: May 31, 2014***

***Automobile Wrecking & Supplies:*** Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

***Government Publication Date: 1999-Dec 31, 2020***

***Borehole:*** Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

***Government Publication Date: 1875-Jul 2018***

***Certificates of Approval:*** Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

***Government Publication Date: 1985-Oct 30, 2011****

***Dry Cleaning Facilities:*** Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

***Government Publication Date: Jan 2004-Dec 2018***

***Commercial Fuel Oil Tanks:*** Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

***Government Publication Date: Jul 31, 2020***

***Chemical Manufacturers and Distributors:*** Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

***Government Publication Date: 1999-Jan 31, 2020***

***Chemical Register:*** Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

***Government Publication Date: 1999-Dec 31, 2020***

***Compressed Natural Gas Stations:*** Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

***Government Publication Date: Dec 2012 -Dec 2020***

***Inventory of Coal Gasification Plants and Coal Tar Sites:*** Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

***Government Publication Date: Apr 1987 and Nov 1988****

***Compliance and Convictions:*** Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

***Government Publication Date: 1989-Nov 2020***

***Certificates of Property Use:*** Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

***Government Publication Date: 1994-Feb 28, 2021***

***Drill Hole Database:*** Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

***Government Publication Date: 1886 - Sep 2020***

***Delisted Fuel Tanks:*** Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

***Government Publication Date: Jul 31, 2020***

***Environmental Activity and Sector Registry:*** Provincial EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

***Government Publication Date: Oct 2011-Feb 28, 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-Feb 28, 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- Feb 28, 2021***

***Environmental Effects Monitoring:*** Federal EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

***Government Publication Date: 1992-2007****

***ERIS Historical Searches:*** Private EHS

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

***Government Publication Date: 1999-Jan 31, 2021***

***Environmental Issues Inventory System:*** Federal EIIS

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

***Government Publication Date: 1992-2001****

***Emergency Management Historical Event:*** Provincial EMHE

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

***Government Publication Date: Dec 31, 2016***

***Environmental Penalty Annual Report:*** Provincial EPAR

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

***Government Publication Date: Jan 1, 2011 - Dec 31, 2019***

***List of Expired Fuels Safety Facilities:*** Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

***Government Publication Date: Jul 31, 2020***

***Federal Convictions:*** Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

***Government Publication Date: 1988-Jun 2007****

***Contaminated Sites on Federal Land:*** Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

***Government Publication Date: Jun 2000-Jan 2021***

***Fisheries & Oceans Fuel Tanks:*** Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

***Government Publication Date: 1964-Sep 2019***

***Federal Identification Registry for Storage Tank Systems (FIRSTS):*** Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

***Government Publication Date: May 31, 2018***

***Fuel Storage Tank:*** Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

***Government Publication Date: Jul 31, 2020***

***Fuel Storage Tank - Historic:*** Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

***Government Publication Date: Pre-Jan 2010****

***Ontario Regulation 347 Waste Generators Summary:*** Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

***Government Publication Date: 1986-Jan 31, 2021***

***Greenhouse Gas Emissions from Large Facilities:*** Federal GHG

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

***Government Publication Date: 2013-Dec 2018***

***TSSA Historic Incidents:*** Provincial HINC

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

***Government Publication Date: 2006-June 2009****

***Indian & Northern Affairs Fuel Tanks:*** Federal IAFT

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

***Government Publication Date: 1950-Aug 2003****

***Fuel Oil Spills and Leaks:*** Provincial INC

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

***Government Publication Date: Jul 31, 2020***

***Landfill Inventory Management Ontario:*** Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

***Government Publication Date: Feb 28, 2019***

***Canadian Mine Locations:*** Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

***Government Publication Date: 1998-2009****

***Mineral Occurrences:*** Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

***Government Publication Date: 1846-Dec 2020***

***National Analysis of Trends in Emergencies System (NATES):*** Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

***Government Publication Date: 1974-1994****

***Non-Compliance Reports:*** Provincial NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

***Government Publication Date: Dec 31, 2018***

***National Defense & Canadian Forces Fuel Tanks:*** Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

***Government Publication Date: Up to May 2001****

***National Defense & Canadian Forces Spills:*** Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

***Government Publication Date: Mar 1999-Apr 2018***

***National Defence & Canadian Forces Waste Disposal Sites:*** Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

***Government Publication Date: 2001-Apr 2007****

***National Energy Board Pipeline Incidents:*** Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

***Government Publication Date: 2008-Dec 31, 2020***

***National Energy Board Wells:*** Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

***Government Publication Date: 1920-Feb 2003****

***National Environmental Emergencies System (NEES):*** Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

***Government Publication Date: 1974-2003****

***National PCB Inventory:*** Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

***Government Publication Date: 1988-2008****

***National Pollutant Release Inventory:*** Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

***Government Publication Date: 1993-May 2017***

***Oil and Gas Wells:*** Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

***Government Publication Date: 1988-Feb 28, 2021***

***Ontario Oil and Gas Wells:*** Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

***Government Publication Date: 1800-Jun 2020***

***Inventory of PCB Storage Sites:*** Provincial OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

***Government Publication Date: 1987-Oct 2004; 2012-Dec 2013***

***Orders:*** Provincial ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

***Government Publication Date: 1994-Feb 28, 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-Feb 28, 2021***

***Pipeline Incidents:*** Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

***Government Publication Date: Oct 31, 2020***

***Private and Retail Fuel Storage Tanks:*** Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

***Government Publication Date: 1989-1996****

***Permit to Take Water:*** Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

***Government Publication Date: 1994-Feb 28, 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: 1986-2016***

***Record of Site Condition:*** Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

***Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2021***

***Retail Fuel Storage Tanks:*** Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

***Government Publication Date: 1999-Dec 31, 2020***

***Scott's Manufacturing Directory:*** Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

***Government Publication Date: 1992-Mar 2011****

***Ontario Spills:*** Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

***Government Publication Date: 1988-Mar 2020; Jul 2020 - Aug 2020***

***Wastewater Discharger Registration Database:*** Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

***Government Publication Date: 1990-Dec 31, 2017***

***Anderson's Storage Tanks:*** Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

***Government Publication Date: 1915-1953****

***Transport Canada Fuel Storage Tanks:*** Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

***Government Publication Date: 1970 - Dec 2020***

***Variances for Abandonment of Underground Storage Tanks:*** Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

***Government Publication Date: Jul 31, 2020***

***Waste Disposal Sites - MOE CA Inventory:*** Provincial WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

***Government Publication Date: Oct 2011-Feb 28, 2021***

***Waste Disposal Sites - MOE 1991 Historical Approval Inventory:*** Provincial WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

***Government Publication Date: Up to Oct 1990****

***Water Well Information System:*** Provincial WWIS

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

***Government Publication Date: Apr 30, 2020***

# Definitions

***Database Descriptions:*** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

***Detail Report***: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

***Distance:*** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

***Direction:*** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

***Elevation:*** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

***Executive Summary:*** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

***Map Key:*** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

***Unplottables:*** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

# APPENDIX 3

## QUALIFICATIONS OF ASSESSORS

# Mohammed Ramadan, B.Sc.

patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Services

## POSITION

Environmental Scientist

## EDUCATION

Carleton University, B.Sc., 2017
Environmental Science

## EXPERIENCE

*2019 – Present*
**Paterson Group Inc.**
Consulting Engineers
Materials Testing and Environmental Divisions
Environmental Scientist

## SELECT LIST OF PROJECTS

Phase I and II – ESA Reports – Various Sites - Ottawa
National Capital Region (CSA Z768-01 & MECP)
Subgrade Reviews – Various Sites – Ottawa
Density Testing – Residential and Commercial Sites – Ottawa
Bearing Surface Investigations – Various Sites - Ottawa

# Mark S. D'Arcy, P. Eng.

patersongroup

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

## POSITION

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

## EDUCATION

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

## MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

## EXPERIENCE

*1991 to Present*
**Paterson Group Inc.**
Associate and Senior Environmental/Geotechnical Engineer
Environmental and Geotechnical Division
Supervisor of the Environmental Division

## SELECT LIST OF PROJECTS

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