

**Phase I Environmental Site Assessment**  
**Part of 980 Earl Armstrong Road**  
**and 4700 Limebank Road**  
Ottawa, Ontario

Prepared for Riverside South Limited Partnership

Report: PE6399-1  
April 26, 2024

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## TABLE OF CONTENTS

EXECUTIVE SUMMARY.....	ii
1.0 INTRODUCTION.....	1
2.0 PHASE I PROPERTY INFORMATION.....	2
3.0 SCOPE OF INVESTIGATION .....	3
4.0 RECORDS REVIEW .....	4
4.1 General.....	4
4.2 Environmental Source Information .....	5
4.3 Physical Setting Sources .....	9
5.0 INTERVIEWS .....	11
6.0 SITE RECONNAISSANCE.....	11
6.1 General Requirements.....	11
6.2 Specific Observations at the Phase I Property .....	12
7.0 REVIEW AND EVALUATION OF INFORMATION .....	13
7.1 Land Use History .....	13
7.2 Conceptual Site Model.....	14
8.0 CONCLUSION .....	16
9.0 STATEMENT OF LIMITATIONS .....	17
10.0 REFERENCES.....	18

### List of Figures

Figure 1 – Key Plan  
Figure 2 – Topographic Map  
Drawing PE6399-1 – Site Plan  
Drawing PE6399-2 – Surrounding Land Use Plan

### List of Appendices

Appendix 1 Aerial Photographs  
Site Photographs  
Plan of Survey

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

Appendix 3 Qualifications of Assessors

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## **EXECUTIVE SUMMARY**

Paterson Group was retained by Riverside South Limited Partnership to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for Parts of 980 Earl Armstrong Road and 4700 Limebank Road in Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site (Phase I Property) and 250 m study area (Phase I Study Area) and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical research, the Phase I Property was used for agricultural purposes prior to 1976. The Phase I Property formerly contained farmstead buildings which were abandoned or demolished in prior 1976. No concerns were identified with respect to historical land use of the Phase I Property.

Historically, properties within the Phase I Study Area have been used for primarily agricultural and residential purposes.

No PCAs were identified with the current or historical uses of the Phase I Property or neighbouring properties within the Phase I Study Area.

The surrounding lands in the Phase I Study Area consist primarily of future development land and residential land.

Based on the results of the Phase I - Environmental Site Assessment, it is our opinion that **a Phase II - Environmental Site Assessment is not required for the Phase I Property.**

## 1.0 INTRODUCTION

At the request of Riverside South Limited Partnership, Paterson Group (Paterson) conducted a Phase I – Environmental Site Assessment (Phase I-ESA) for parts of the properties addressed 980 Earl Armstrong Road and 4700 Limebank Road, in the City of Ottawa, Ontario (Phase I Property). The purpose of this Phase I-ESA has been to research the past and current uses of the Phase I Property, as well as the neighbouring properties within a 250 m study area (Phase I Study Area) to identify any potentially contaminating activities (PCAs) that would result in areas of potential environmental concern (APECs) on the Phase I Property.

Paterson was engaged to conduct this Phase I ESA by Mr. Marcel Denomme of Urbandale, who can be reached by telephone at 613-731-6712 Ext. 1230.

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

This Phase I-ESA report has been prepared under the supervision of a Qualified Person, in general accordance with Ontario Regulation (O. Reg.) 153/04, as amended under the Environmental Protection Act, and CSA Z768-01 (reaffirmed 2022). 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 upon information supplied by others, such as local, provincial, and federal agencies, and was limited within the scope-of-work, time, and budget of the project herein.



## 2.0 PHASE I PROPERTY INFORMATION

Address: Parts of 980 Earl Armstrong Road and 4700 Limebank Road, Ottawa, Ontario.

Location: The Phase I Property is located on the west side of Limebank Road, southeast of the intersection of Earl Armstrong Road and Limebank Road Road, in the City of Ottawa, Ontario. Refer to Figure 1 – Key Plan, appended to this report.

Latitude and Longitude: 45°16'32.7"N 75°40'07.8"W.

### Site Description:

Configuration: Irregular

Area: 50 ha (approximately)

Zoning: GM28 (northeast part of 980 Earl Armstrong) –  
General Mixed Use Zone  
  
R5Z (southwest and east part of 4700 Earl Armstrong)  
– Residential Fifth Density  
  
L2 (southwest part of 980 Earl Armstrong and  
northwest part of 4700 Earl Armstrong) – Major  
Leisure Facility Zone

Current Use: The Phase I Property currently consists of vacant land.

Services: The Phase I Property is located within an area of mixed private and public services.

### 3.0 SCOPE OF INVESTIGATION

The scope of work for this Phase I-ESA is described as follows:

- Determine the historical activities occurring on the Phase I Property and in the Phase I Study Area by conducting a review of readily available records, reports, photographs, plans, mapping information, databases, and regulatory agencies;
- Investigate the existing conditions present on the Phase I Property and in the Phase I Study Area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the Phase I Property and, if warranted, the neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements O. Reg. 153/04, as amended under the Environmental Protection Act, and in compliance with the requirements of CSA Z768-01 (reaffirmed 2022);
- Provide a preliminary environmental site evaluation based on our findings;
- Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

## **4.0 RECORDS REVIEW**

### **4.1 General**

#### **Phase I ESA Study Area Determination**

A radius of approximately 250 m was deemed appropriate for defining the study area for this assignment, herein referred to as the Phase I Study Area. Properties located outside of the Phase I Study Area are not considered to have had the potential to impact the Phase I Property, based on their significant separation distances.

#### **First Developed Use Determination**

Based on a review of available historical information, the Phase I Property was never developed and has been vacant land used for agricultural purposes since before 1976.

#### **City of Ottawa Street Directories**

City Directories for the area of the Phase I Property were reviewed in approximate 10-year intervals from 1950 to 2010 (latest available date). The Phase I Property was not listed in the directories for any of the years reviewed prior to 2010. Properties in the Phase I Study Area were listed as residential or commercial use.

No Potentially Contaminating Activities were identified on any properties within the Phase I Study Area.

#### **Fire Insurance Plans**

Fire insurance plans (FIPs) are not available for the Phase I Study Area.

#### **Plan of Survey**

A survey plan of the Phase I Property, prepared by Annis, O’Sullivan, Vollebekk Ltd. was reviewed as part of this assessment. The survey plan is included in Appendix 1.

#### **Chain of Title**

Paterson did not request a Chain of Title for the Phase I Property as it was determined that information gathered from other sources, such as personal interviews and aerial photographs, satisfies the objectives of the records review.

## 4.2 Environmental Source Information

### National Pollutant Release Inventory

A search of the National Pollutant Release Inventory (NPRI) database was conducted as part of this assessment. This federally managed database provides various reports and tracking information relating to the release of solid, liquid, or gaseous pollutants from industrial facilities into the natural environment.

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

### Ontario PCB Waste Storage Site Inventory

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

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

### MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, "*Waste Disposal Site Inventory in Ontario, 1991*" was reviewed as part of this assessment. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants, and coal tar distillation plants situated in the Province of Ontario.

A review of this document did not identify any former waste disposal sites within 500 m of the Phase I Property.

### MECP Submissions

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions for the Phase I Property. A response from the MECP had not been received by our firm prior to the issuance of this report. Based on the ERIS report, no records were identified on the Phase I Property. The MECP FOI request form has been included in Appendix 2.

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## **MECP Incident Reports**

A request was submitted to the MECP Freedom of Information office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants, or inspections maintained by the MECP for the Phase I Property or any of the neighbouring properties. A response from the MECP had not been received by our firm prior to the issuance of this report. Based on the ERIS report, no records were identified on the Phase I Property. The MECP FOI request form has been included in Appendix 2.

## **MECP Waste Management Records**

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records for the Phase I Property. A response from the MECP had not been received by our firm prior to the issuance of this report. Based on the ERIS report, no records were identified on the Phase I Property. The MECP FOI request form has been included in Appendix 2.

## **MECP Instruments**

A request was submitted to the MECP Freedom of Information office for information with respect to certificates of approval, permits to take water, certificates of property use, or any other similar MECP issued instruments for the Phase I Property. A response from the MECP had not been received by our firm prior to the issuance of this report. Based on the ERIS report, no records were identified on the Phase I Property. The MECP FOI request form has been included in Appendix 2.

## **MECP Brownfields Environmental Site Registry**

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment. This database contains publicly available information on Records of Site Condition (RSCs) filed in the Province of Ontario between 2004 and 2023.

A review of the registry did not identify any RSCs in the database filed for the Phase I Property or for off-site properties within the Phase I Study Area.

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## **OMNRF Areas of Natural and Scientific Interest (ANSI)**

A search for ANSI sites situated within the Phase I Study Area was conducted electronically via the Ontario Ministry of Natural Resources and Forestry (OMNRF) website as part of this assessment.

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

## **Technical Standards and Safety Authority (TSSA)**

The TSSA Fuels Safety Branch in Toronto was contacted electronically on January 29, 2024, as part of this assessment, to inquire about current and former fuel storage tanks, spills, and historical incidents for the Phase I Property as well as adjacent and some neighbouring properties within the Phase I Study Area.

The response from the TSSA indicated that no records were identified with respect to the Phase I Property or adjacent 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. This document identifies the details and locations of all recorded active and closed landfill sites situated in the City of Ottawa.

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

## **City of Ottawa Historical Land Use Inventory (HLUI) Database**

A requisition was sent to the City of Ottawa to request information from the City’s Historical Land Use Inventory (HLUI 2011) database for the subject property. A response from the City of Ottawa had not been received by our firm prior to the issuance of this report.

## **ERIS Database Report**

An ERIS (Environmental Risk Information Service) Report was obtained for the Phase I Property and properties within the Phase I Study Area.

The ERIS report identified 6 records for the Phase I Property. The records include Environmental Compliance Approvals (ECAs), previous ERIS searches, Ontario spills records, and well records.

One (1) of the 2 spill records identified on the Phase I Property was listed as occurring on 4630 Limebank Road (LRT property), consisting of 0.5L of diesel fuel and was noted to have been cleaned up. Due to the low volume, off site nature and the spill being cleaned, this spill is not considered to pose an environmental risk to the Phase I Property

The remaining spill record consists of 2L of hydraulic oil, also reported to be on the Phase I Property, but likely associated with the LRT station. This spill was also reported to have been remediated. Due to the low volume this spill and having been cleaned up, it is not considered to pose an environmental risk to the Phase I Property.

A total of 33 records from various databases were identified in the ERIS search within the 250 m search radius. The records included borehole records, Certificates of Approval (CAs) and Environmental Compliance Approvals (ECAs), Environmental Activity and Sector Registry records (EASRs), previous ERIS searches, well records, Pipeline incidents, and Ontario spills records.

Four (4) additional spills were identified in the Phase I Study Area all of which consisted of fuel and oil spills of 15L or less and were noted as being cleaned. Due to the low volume (15L or less), the distance from the Phase I Property these spills, and the spills being cleaned are not considered to have posed an environmental risk to the Phase I Property.

Certificates of Approval (CAs) and Environmental Compliance Approvals (ECAs) found for the Phase I Property and Study Area were comprised of sewer and water works applications.

The Environmental Activity and Sector Registry record identified consisted of a water taking permit.

The Pipeline incidents record identified consisted of a natural gas pipeline strike. Due to the gaseous nature of natural gas this incident is not considered to pose environmental risk to the Phase I Property.

The remaining records are not considered to pose an environmental risk to the Phase I Property.

A copy of the ERIS report is included in Appendix 2.



### 4.3 Physical Setting Sources

Historical aerial photographs of the Phase I Study Area were obtained from the City of Ottawa’s mapping website geoOttawa, and reviewed in approximate ten-year intervals, beginning with the earliest available photograph. Based on a review of these photographs, the following observations have been made:

- |      |   |
|------|---|
| 1976 | The Phase I Property and surrounding lands appear to be used for agricultural purposes at this time. The remains of former farmstead buildings appear to be present in the southeast corner of the property.  |
| 1991 | No significant changes are apparent with respect to the Phase I Property and surrounding lands.   |
| 2005 | Earl Armstrong Road has been diverted to its present-day position. A residential subdivision has begun construction to the north of Earl Armstrong Road. No significant changes are apparent with respect to the Phase I Property.  |
| 2015 | Topsoil in the northwest corner of the Phase I property has been stripped and stockpiled. The residential neighbourhood to the north of Earl Armstrong Road has reached its present extent.   |
| 2021 | The previously stockpiled topsoil has been removed. Trees have been cleared and a gravel pad has been placed in the future area of Limebank Station. An access road leading to the gravel pad has been constructed on the Phase I Property. The residential neighborhood south of Earl Armstrong Road has reached its present day extent. |
| 2022 | No significant changes appear to have been made to the Phase I Property since the previous photograph. Construction of Limebank station has begun.  |

#### **Geological Maps**

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock beneath the site area consists of interbedded sandstone and dolomite of the March Formation. Surficial soils were identified to consist of marine deposits, with a drift thickness of 5 to 15 metres.

## **Topographic Maps**

A topographic map of the Phase I Property was obtained from the Natural Resources Canada – The Atlas of Canada website and reviewed as part of this assessment. The topographic map indicates that the general elevation of the Phase I Property is approximately 96 m above sea level, while the regional topography within the greater area is generally sloping gradually down to the west, towards the Rideau River. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

## **Physiographic Maps**

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

According to the publication and available mapping information, the Phase I Property is situated within the St. Lawrence Lowlands. According to the description provided: “...*the lowlands are plain-like areas that were affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets.*” The Phase I Property is located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

## **Water Bodies**

No water bodies are present on the Phase I Property.

The nearest named water body with respect to the Phase I Property is the Rideau River, located approximately 2.6 km to the south.

## **MECP Water Well Records**

A search of the MECP website for all drilled well records within a 250 m radius of the Phase I Property, was conducted as part of this assessment. No well records were identified on the Phase I Property. The search identified 16 well records within the Phase I Study Area. These records pertain to wells installed between 1951 and 2020 and indicate that the wells are used for: domestic household, agricultural, or geotechnical groundwater observation purposes. Although full public utilities are available in this area, drinking water wells remain in use within the Phase I Study Area.

According to the well records, the overburden stratigraphy in the vicinity of the Phase I Property generally consists of silty clay and glacial till. Bedrock consisting

of limestone was generally encountered at depths ranging from approximately 0 m to 16 m below ground surface. The aforementioned well records are included in Appendix 2.

## **5.0 INTERVIEWS**

### **Property Owner Representative**

Mr. Jordan Quintyne of Riverside South Limited Partnership was available by email to respond to questions regarding the environmental history of the Phase I Property.

Mr. Quintyne stated that he was unaware of any storage tanks, spills, and pesticide or herbicide use on the property. When asked about imported material, Mr. Quintyne indicated that a limited volume of off-site soil was imported to construct consolidation test piles. This material is considered to be locally sourced from nearby greenfield residential developments and does not represent an area of concern.

## **6.0 SITE RECONNAISSANCE**

### **6.1 General Requirements**

A site visit was conducted for the Phase I Property on January 17, 2024, between approximately 9:00 AM and 10:00 AM. Weather conditions were clear, with a temperature of approximately -15°C. The ground surface was covered by snow at the time of the site visit. Mr. Grant Paterson from the Environmental Department of Paterson Group conducted the inspection.

A follow up site visit was conducted on April 25, 2024, between approximately 2:00 PM and 3:00 PM. Weather conditions were clear, with a temperature of approximately 9°C. There was no snow covering the ground surface at the time of the site visit. Mr. Grant Paterson from the Environmental Department of Paterson Group conducted the inspection.

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

## 6.2 Specific Observations at the Phase I Property

### Site Description

The site topography is relatively flat, while the regional topography appears to slope down towards the west, in the general direction of the Rideau River.

Water drainage on the Phase I Property occurs via infiltration and surface runoff towards the west.

No ponded water, stressed vegetation, surficial staining, or any other indications of potential sub-surface contamination were observed on the Phase I Property at the time of the site inspection.

The Phase I Property consists of vacant, undeveloped land, with moderate tree coverage and overgrown vegetation. An asphaltic concrete road way is present on the property going southeast from Earl Armstrong Road turning east towards Limebank Road after approximately 300 m. No buildings or structures are present on the Phase I Property.

A depiction of the Phase I Property is illustrated on Drawing PE6399-1 – Site Plan, in the Figures section of this report.

### Buildings and Structures

No buildings or structures are present on the Phase I Property.

No private wells were identified on the Phase I Property. No current or former rail or spur lines were identified on the Phase I Property.

### Potential Environmental Concerns

#### Fuels and Chemical Storage

No chemical storage areas, above ground fuel storage tanks (ASTs), or evidence indicating the presence of any underground fuel storage tanks (USTs) were observed on the exterior of the Phase I Property.

#### Hazardous Materials and Unidentified Substances

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

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

No electrical transformers or any other potential sources of PCBs or transformer oil were identified on the exterior of the Phase I Property.

#### **Waste Management**

No waste is currently generated on the Phase I Property.

### **Neighbouring Properties**

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

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

*North:* Earl Armstrong Road, followed by residential dwellings and vacant land;

*South:* Agricultural land;

*East:* Limebank Road, followed by residential dwellings, agricultural land, and vacant land;

*West:* Residential dwellings and vacant land.

Based on our site visit, no potential environmental concerns were identified with the neighbouring properties.

The neighbouring land use within the Phase I Study Area is depicted on Drawing PE6399-2 – Surrounding Land Use Plan, in the Figures section of this report.

## **7.0 REVIEW AND EVALUATION OF INFORMATION**

### **7.1 Land Use History**

Based on the available historical records, the Phase I Property was used for agricultural purposes prior to 1976, and structures associated with a farmstead were abandoned or demolished prior to 1976.

### **Potentially Contaminating Activities (PCAs)**

No Potentially Contaminating Activities were identified with the historical and current use of the Phase I Property or neighboring properties in the Phase I Study Area.

### **Areas of Potential Environmental Concern (APEC)**

No Areas of Potential Environmental Concern were identified on the Phase I Property.

### **Contaminants of Potential Concern (CPC)**

No contaminants of potential concern were identified since no APECs were identified on the Phase I Property.

## **7.2 Conceptual Site Model**

### **Geological and Hydrogeological Setting**

Based on the available mapping information, the bedrock in the area of the Phase I Property consists of interbedded sandstone and dolomite of the March Formation, with surficial geology consisting of till and offshore marine sediments (clay and silt) with an overburden thickness of 10 to 15 m.

Groundwater is anticipated to flow in a south to south-easterly direction towards the Rideau River.

### **Water Bodies and Areas of Natural and Scientific Interest**

No water bodies are present on the Phase I Property.

The nearest named water body with respect to the Phase I Property is the Rideau River, located approximately 2.6 km to the south.

### **Drinking Water Wells**

Based on the rural setting of the Phase I Property, drinking water wells are expected to be present within the Phase I Study Area.

### **Existing Buildings and Structures**

No buildings or structures are present on the Phase I Property with the exception of a wooden sign advertising the adjacent development.

## **Current and Future Property Use**

The Phase I Property use is currently considered to be vacant or agricultural use. Based on the provided drawings, it is understood that the Phase I Property will be developed with multi-storey residential and mixed-use buildings.

## **Neighbouring Land Use**

The surrounding lands within the Phase I Study Area consist primarily of Agricultural or Other Use (future development land) and residential use.

Current land use is depicted on Drawing PE6399-2 – Surrounding Land Use Plan, in the Figures section of this report.

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

As per Section 7.1 of this report, no PCAs were identified in the Phase I Study Area.

As such, no Areas of Potential Environmental Concern were identified on the Phase I Property.

## **Contaminants of Potential Concern**

As per Section 7.1 of this report, no CPCs were identified on the Phase I Property.



## 8.0 CONCLUSION

Paterson Group was retained by Riverside South Limited Partnership to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for Parts of 980 Earl Armstrong Road and 4700 Limebank Road in Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site (Phase I Property) and 250 m study area (Phase I Study Area) and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical research, the Phase I Property was used for agricultural purposes prior to 1976. The Phase I Property formerly contained farmstead buildings which were demolished or abandoned prior to 1976. No concerns were identified with respect to historical land use of the Phase I Property.

Historically, properties within the Phase I Study Area have been used for primarily agricultural purposes. Residential development to the north and east of the Phase I Property has been ongoing since approximately 2005.

No PCAs were identified with the current use of the site or in the Phase I Study Area.

The surrounding lands in the Phase I Study Area consist primarily of future development land and residential use land. No concerns were identified with their use.

Based on the results of the Phase I - Environmental Site Assessment, it is our opinion that **a Phase II - Environmental Site Assessment is not required for the Phase I Property.**

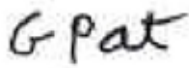
## 9.0 STATEMENT OF LIMITATIONS

This Phase I – Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04, as amended, and CSA Z768-01 (reaffirmed 2022). The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I ESA are based on a review of readily available geological, historical, and regulatory information as well as a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as local, provincial, and federal agencies and was limited within the scope-of-work, time, and budget of the project herein.

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

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

### Paterson Group Inc.



Grant Paterson, Technologist.



Mark D'Arcy, P.Eng., QP<sub>ESA</sub>



### Report Distribution:

- Riverside South Limited Partnership
- Paterson Group Inc.

## 10.0 REFERENCES

### Federal Records

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

### Provincial Records

- MECP: Freedom of Information and Privacy Office.
- MECP: Municipal Coal Gasification Plant Site Inventory, 1991.
- MECP: Waste Disposal Site Inventory, 1991.
- MECP: Brownfields Environmental Site Registry.
- MECP: Water Well Inventory.
- MECP: Ontario PCB Waste Storage Site Inventory, 1995.
- Office of Technical Standards and Safety Authority, Fuels Safety Branch.
- Ministry of Natural Resources and Forestry Areas of Natural Significance.
- Chapman, L.J., and Putnam, D.F., 1984: 'The Physiography of Southern Ontario, Third Edition', Ontario Geological Survey Special Volume 2.

### Municipal Records

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

### Local Information Sources

- Personal Interviews.
- Previous Engineering Reports.
- Plan of Survey.

### Public Information Sources

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

# **FIGURES**

**FIGURE 1 – KEY PLAN**

**FIGURE 2 – TOPOGRAPHIC MAP**

**DRAWING PE6399-1 – SITE PLAN**

**DRAWING PE6399-2 – SURROUNDING LAND USE PLAN**

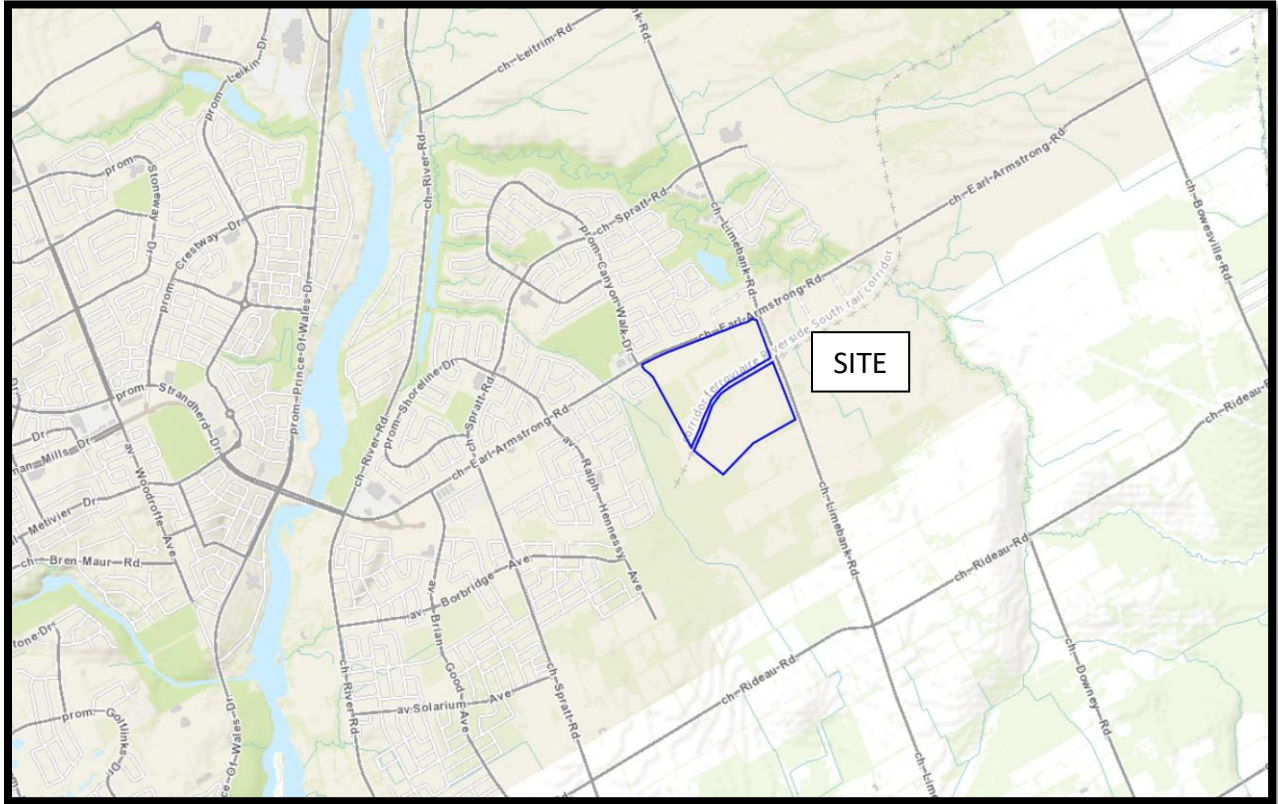


Figure 1  
KEY PLAN

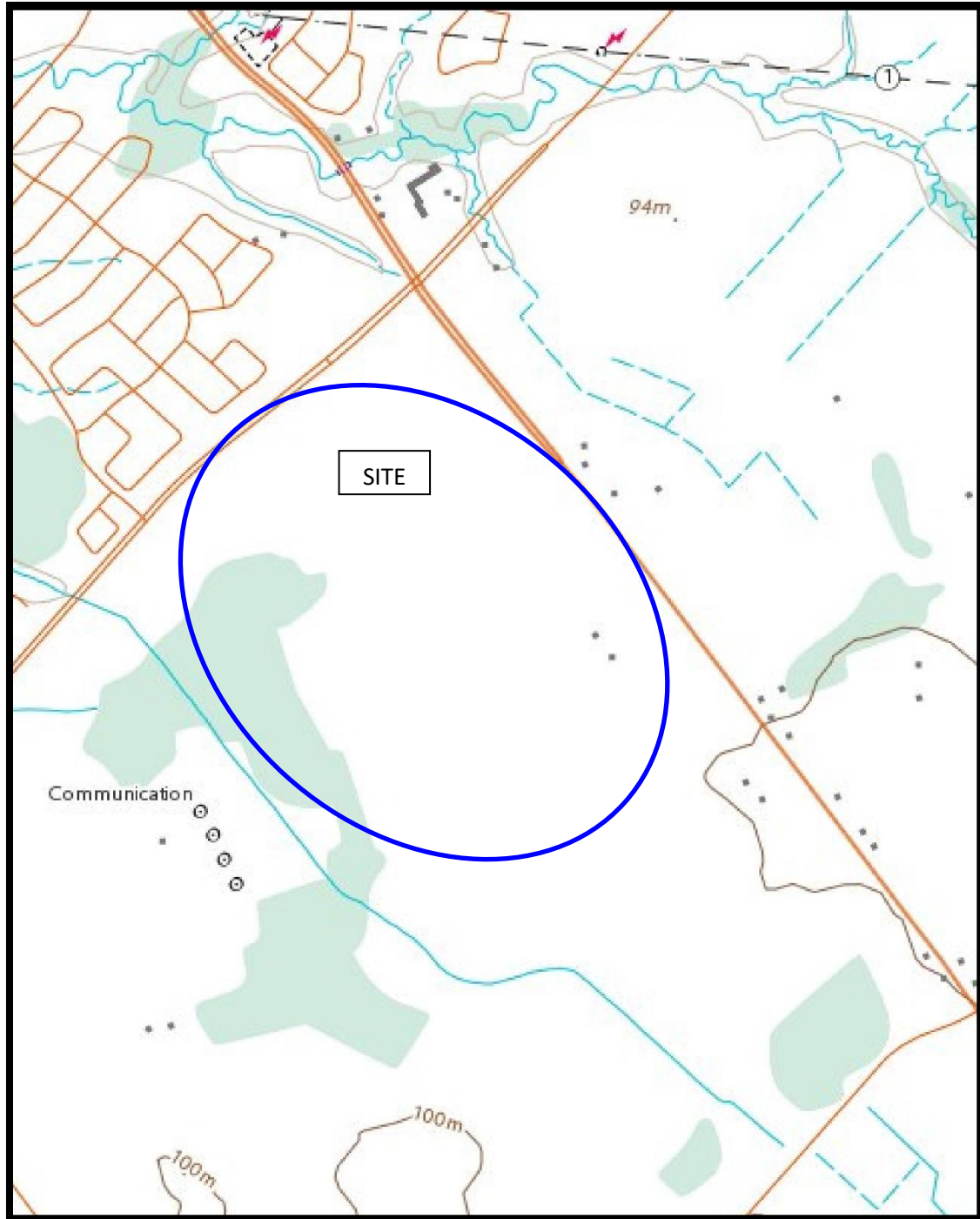
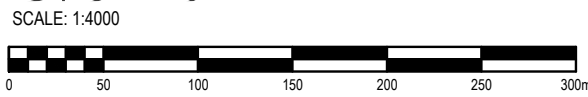
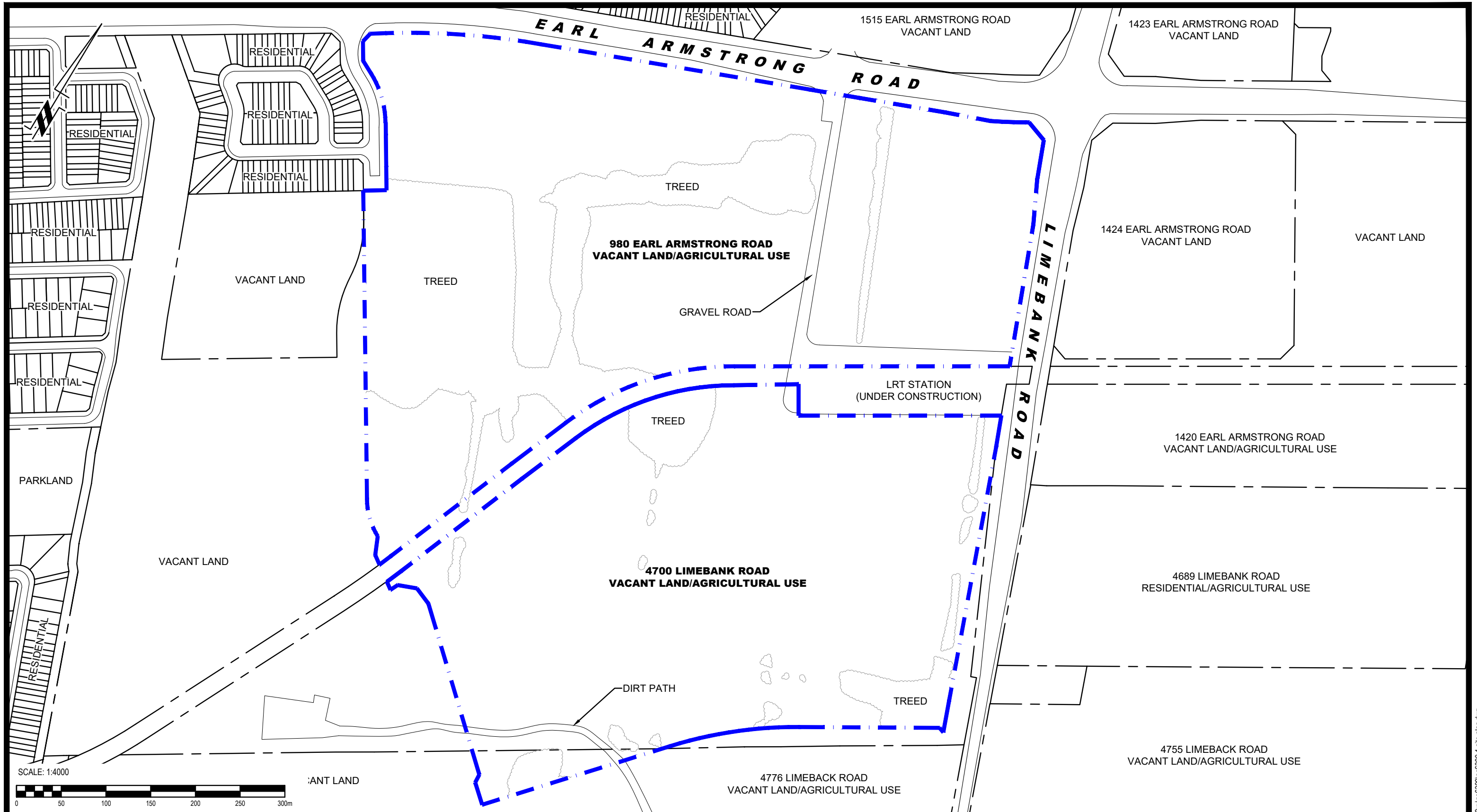


FIGURE 2  
TOPOGRAPHIC MAP





9 AURIGA DRIVE  
 OTTAWA, ON  
 K2E 7T9  
 TEL: (613) 226-7381

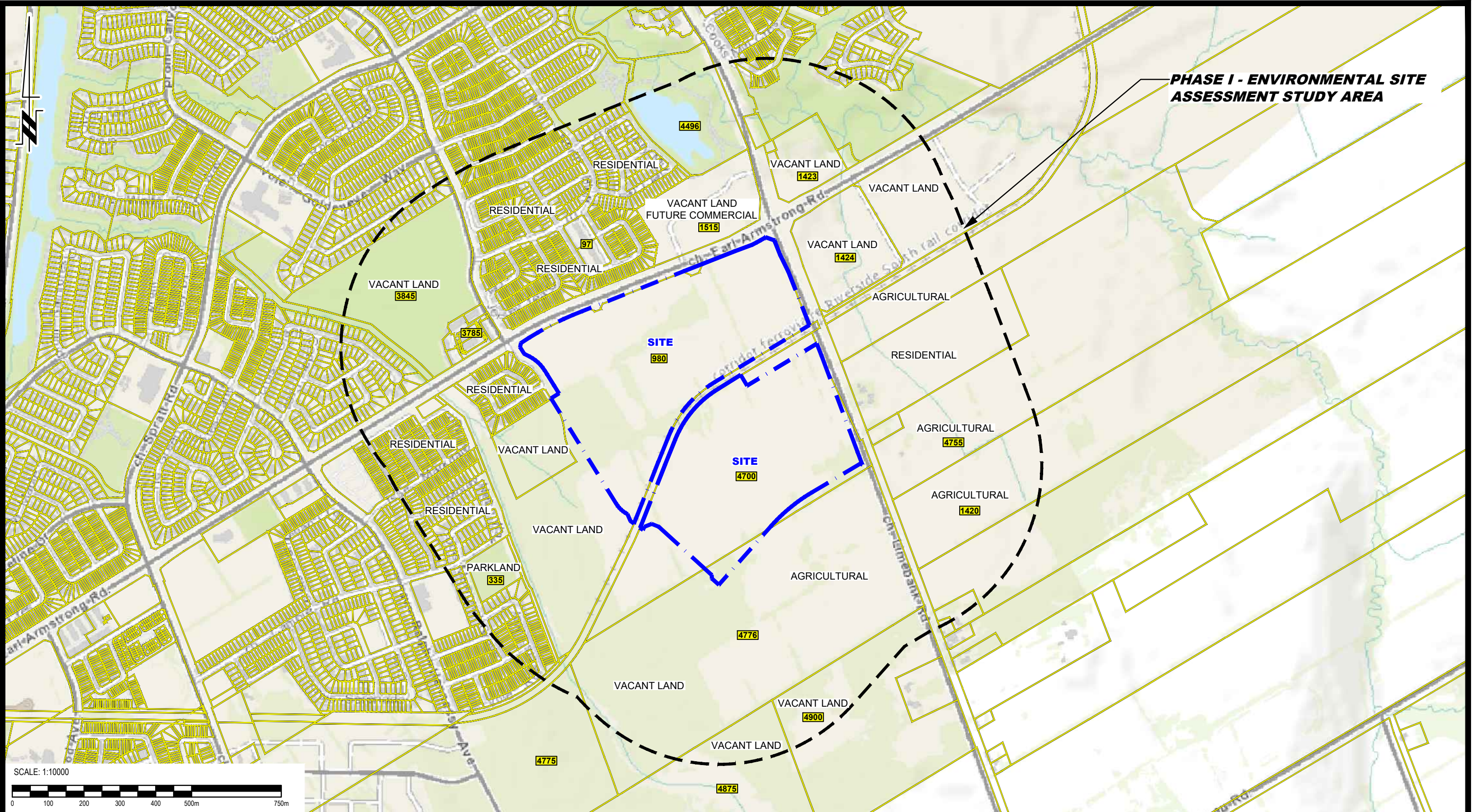
NO.	REVISIONS	DATE	INITIAL

**RIVERSIDE SOUTH LIMITED PARTNERSHIP**  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
**PARTS OF 980 EARL ARMSTRONG ROAD AND 4700 LIMEBANK ROAD**  
**OTTAWA, ONTARIO**

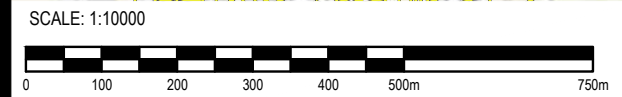
**SITE PLAN**

Scale:	1:4000	Date:	02/2024
Drawn by:	ZS	Report No.:	PE6399-1
Checked by:	GP	Dwg. No.:	<b>PE6399-1</b>
Approved by:	MSD	Revision No.:	





**PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA**



NO.	REVISIONS	DATE	INITIAL

**RIVERSIDE SOUTH LIMITED PARTNERSHIP**  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
**PARTS OF 980 EARL ARMSTRONG ROAD AND 4700 LIMEBANK ROAD**  
**OTTAWA, ONTARIO**

**Title:**  
**SURROUNDING LAND USE PLAN**

Scale:	1:10000	Date:	02/2024
Drawn by:	ZS	Report No.:	PE6399-1
Checked by:	GP	Dwg. No.:	<b>PE6399-2</b>
Approved by:	MSD	Revision No.:	



# **APPENDIX 1**

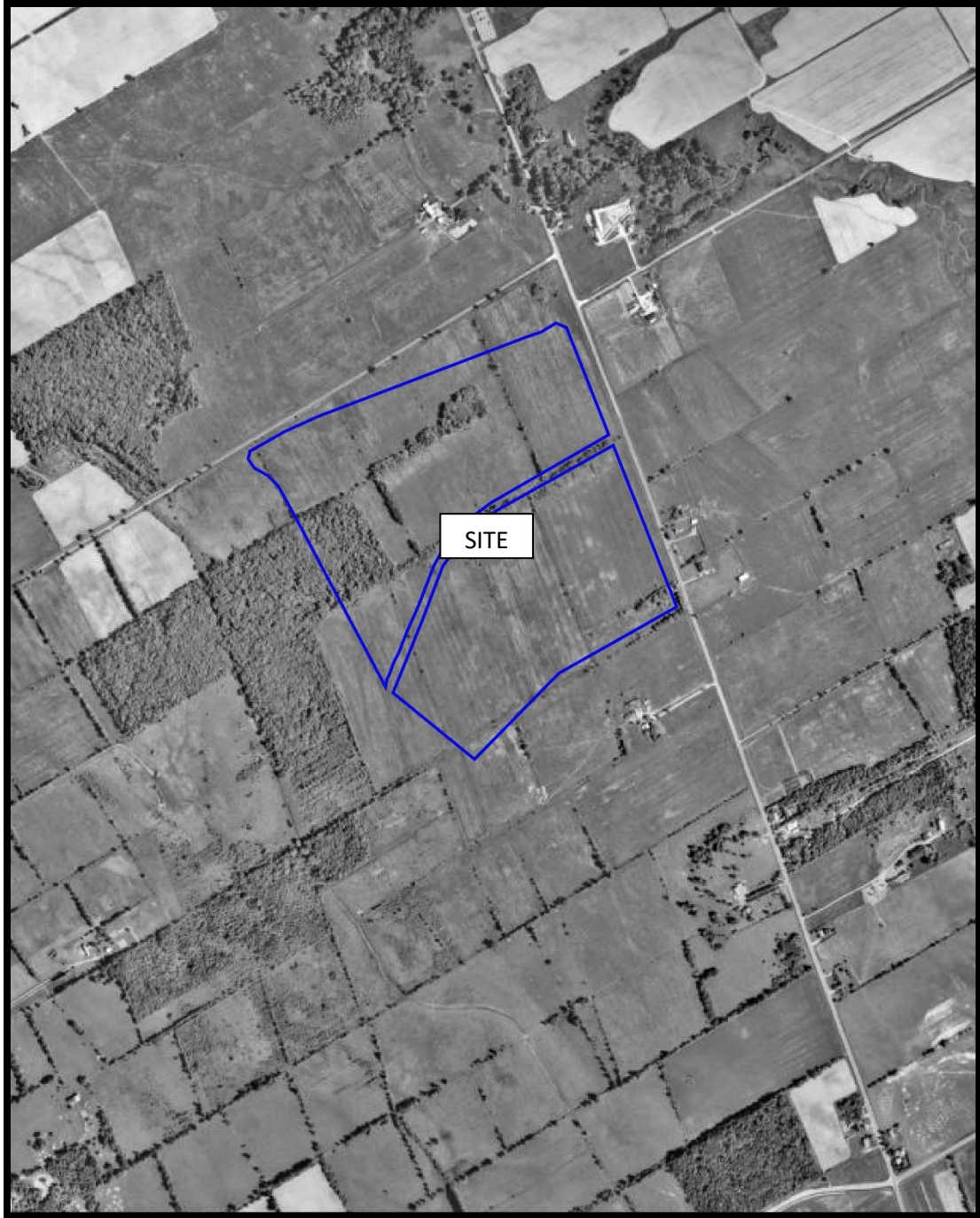
**AERIAL PHOTOGRAPHS**

**SITE PHOTOGRAPHS**

**PLAN OF SURVEY**



AERIAL PHOTOGRAPH  
1976



AERIAL PHOTOGRAPH  
1991





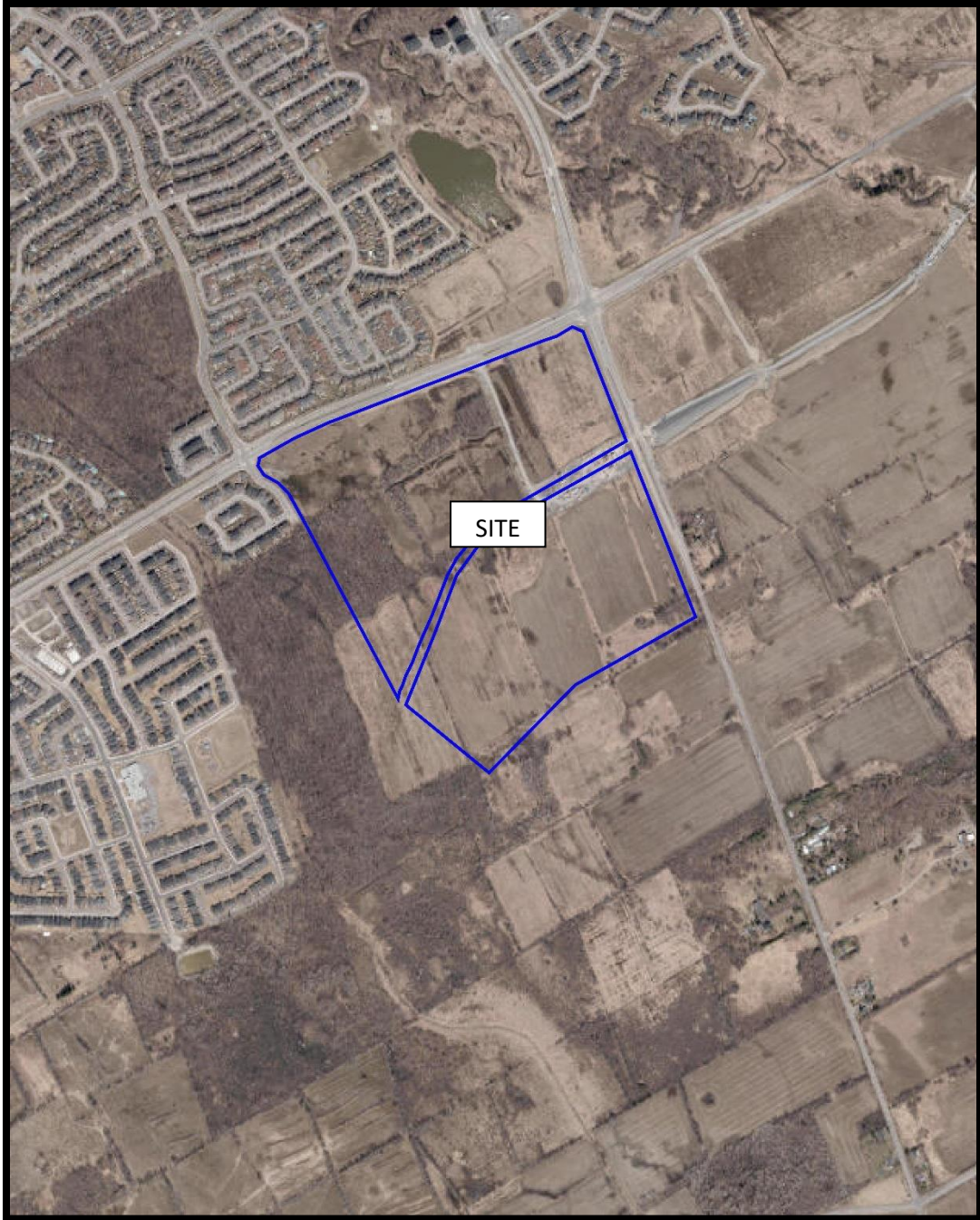
AERIAL PHOTOGRAPH  
2005





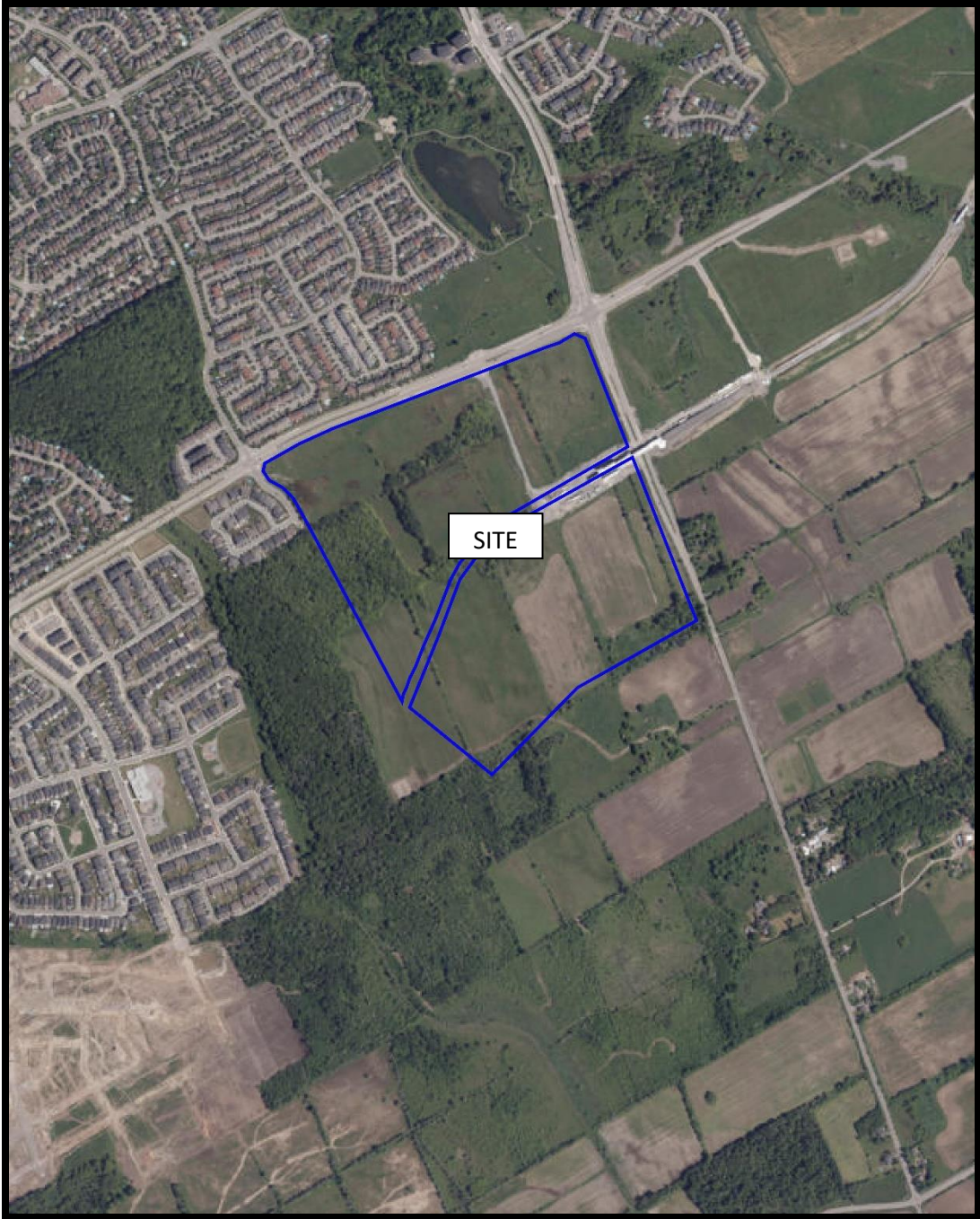
AERIAL PHOTOGRAPH  
2015





AERIAL PHOTOGRAPH  
2021





AERIAL PHOTOGRAPH  
2022



## Site Photographs

PE6399

Part of 980 Earl Armstrong Road and 4700 Limebank  
Road, Ottawa, Ontario

January 17, 2024



**Photograph 1:** View of the western portion of 980 Earl Armstrong, facing east.



**Photograph 2:** View of the northern portion of 980 Earl Armstrong, facing west.

## Site Photographs

PE6399

Part of 980 Earl Armstrong Road and 4700 Limebank  
Road, Ottawa, Ontario

January 17, 2024



**Photograph 3:** View of the northern portion of 980 Earl Armstrong, facing south.



**Photograph 4:** View of the northern portion of 4700 Limebank Road, facing west.



## Site Photographs

PE6399

Part of 980 Earl Armstrong Road and 4700 Limebank  
Road, Ottawa, Ontario

January 17, 2024



**Photograph 5:** View of the northern portion of 4700 Limebank Road, facing south.



**Photograph 6:** View of the eastern portion of 4700 Limebank Road, facing west.

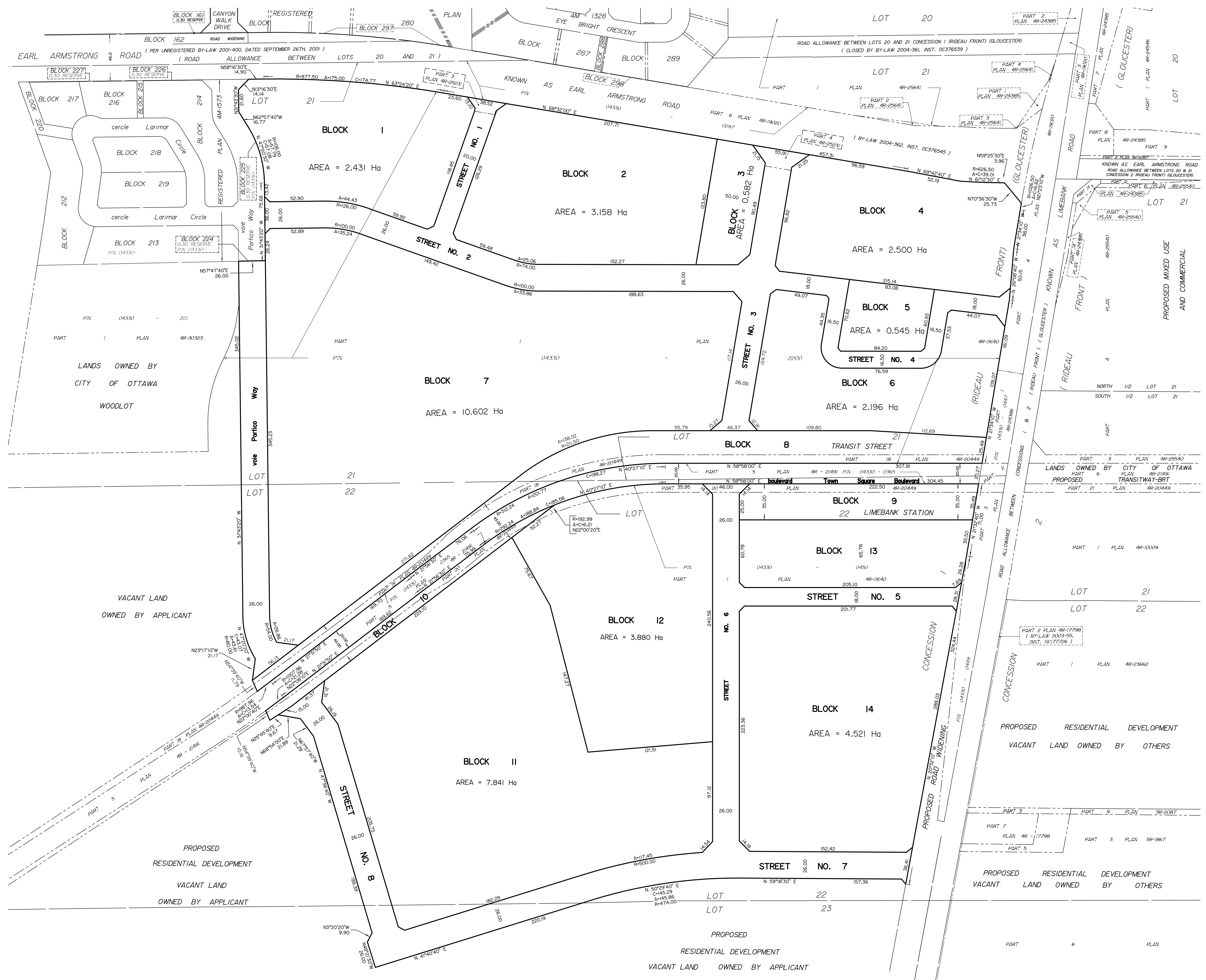
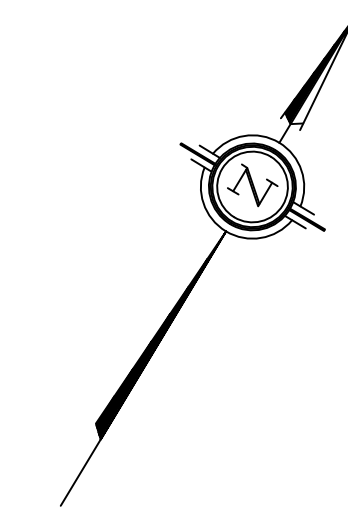
**OPTION 2**  
**DRAFT PLAN OF SUBDIVISION OF**  
**PART OF LOTS 21 and 22**  
**CONCESSION 1 ( RIDEAU FRONT )**  
 Geographic Township of Gloucester  
**CITY OF OTTAWA**

Prepared by Annis, O'Sullivan, Vollebek Ltd.

Scale 1:1500  
 0 15 30 45 60 Metres

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

KEY MAP  
 NOT TO SCALE



REVISION SCHEDULE			
NO.	REVISION	DATE	BY
11	REVISED LOC. OF SCHOOL BLOCK	SEPT. 20, 2023	N
10	REVISIONS	MAY 4, 2023	N
9	REVISIONS	APR. 27, 2023	N
8	REVISIONS	APR. 26, 2023	N
7	REVISIONS	JUNE 7, 2022	N
6	REVISIONS	APR. 21, 2022	N
5	REVISIONS	APR. 14, 2022	N
4	DISCUSSION	MAR. 19, 2021	N
3	DISCUSSION	JAN. 4, 2021	N
2	DISCUSSION	DEC. 18, 2020	N
1	DISCUSSION	DEC. 10, 2020	N

# **APPENDIX 2**

**MECP FREEDOM OF INFORMATION REQUEST**

**MECP WATER WELL RECORDS**

**TSSA CORRESPONDENCE**

**CITY OF OTTAWA HLUI**

**ERIS DATABASE REPORT**

## Ministry of the Environment, Conservation and Parks

### Freedom of Information Request for Property Information

#### Instructions

Use this form to:

- submit and pay for a new FOI request for access to records/information about a property
- pay for a deposit or a final fee on an existing FOI request

Fields marked with an asterisk (\*) are mandatory.

**Are you: \***

- Submitting a new FOI Request for Property Information
- Paying a deposit or final fee for an existing FOI Request for Property Information

#### Section 1 – Description of Records Requested

##### Time Period for Records Requested

From (yyyy/mm/dd) \*

1986/01/01

To (yyyy/mm/dd) \*

2024/04/02

##### Type of Record(s) \*

- All environmental records relating to the identified property/site exclusive of Environmental Approvals and Registrations
- Environmental Approvals and Registrations (e.g. Environmental Compliance Approvals; Certificate of Approval; Renewable Energy Approvals; Environmental Activity and Sector Registry Registrations)

Select only if you are seeking access to an Approval or Registration that is not publicly available or if you are also seeking supporting documents relating to the Approval or Registration.

Operator and vendor Pesticide Licenses from September 4, 2018, final Approvals and Registrations are publicly available on the Access Environment website at:

<https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en>.

Records of Site Condition (RSC) records are publicly available on the Brownfields Environmental Site Registry (BSER).

- RSC records between 2004 to June 30, 2011 are available at:  
<https://www.lrcsde.lrc.gov.on.ca/besrWebPublic/generalSearch>
- RSC records filed after July 2011 are available at:  
[https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/earchFiledRsc\\_search?request\\_locale=en](https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/earchFiledRsc_search?request_locale=en)

Other Specific Document(s)

##### Type of Approval/Registration \*

- Drinking Water Licenses
- No Supporting Documents  All Supporting Documents  Some Supporting Documents
- Pesticide Licenses



Only pesticide licenses post September 2018 are available. Prior to September 2018, only Pesticide license applications and supporting documentation is available

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Permits to Take Water

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Water Source \*

Groundwater  Surface Water

Noise Vibrations Approvals/Registrations

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Air Emissions Approvals/Registrations

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Water Approvals/Registrations - Ontario Water Resources Commission, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster), mains

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Sewage – Treatment, Stormwater, Storm, Leachate & Lieachate Treatment & Sewage pump stations, Sanitary

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Waste Water - Industrial discharge

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Waste Sites - Disposal, Landfill sites, Transfer stations, Processing sites, Incinerator sites

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Waste Management Systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, Polychlorinated Biphenyls (PCBs) storage, transfer or destruction, Waste Generator Systems)

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Company Name

Waste Generator Registration - number/class

List any record(s) that should be excluded from the scope of your request (e.g. email correspondences; records originating from your organization/business; records already in your possession, prior year(s) annual reports for approvals)

Please provide any additional relevant information relating to your request. For example, does your request relate to any other ministry business? Please note that this information is being requested only in order to provide contextual information to the Access and Privacy Office and will not in any way affect or expedite the status of any related ministry business identified.

## Section 2 – Requester Information

Last Name \*  First Name \*  Middle Initial

Business/Organization Name (if applicable or indicate "N/A") \*

Project/Reference Number (if applicable)

Are you submitting this request on behalf of a client? \*  Yes  No

Please upload an authorization/consent form from your client in Section 6 (Supporting Documentation)

### Name of Client

Last Name \*  First Name \*

Business/Organization Name (if applicable or indicate "N/A") \*

### Mailing Address

Unit Number  Street Number \*  Street Name \*

PO Box  City/Town \*  Province \*  Postal Code \*

Telephone Number \*  ext.  Email Address \*

Is there an alternate contact (e.g. office admin)? \*  Yes  No

## Section 3 – Current Property Address Information

Is the property a:

Park  Lake  First Nation Band  Wind Farm  Federal Land  Island  Unsurveyed Land

Are you requesting information about multiple addresses? \*

Yes  No

Please only submit a request with multiple addresses if the property is one site. To be considered one site, addresses must be adjacent to each other and owned by the same owner(s).

Do the multiple addresses belong to one site? \*

Yes  No

Please submit a separate FOI request for each address.

Site Name

### Property Address

#### Address 1

Unit Number  Street Number  Street Name

Full Lot Number	Concession	Geographic Township
<input type="text"/>	<input type="text"/>	<input type="text"/>

City/Town/Village \*

Closest Intersection

**Address 2**

Unit Number	Street Number	Street Name
<input type="text"/>	<input type="text" value="4700"/>	<input type="text" value="Limebank Road"/>

Full Lot Number	Concession	Geographic Township
<input type="text"/>	<input type="text"/>	<input type="text"/>

City/Town/Village \*

Closest Intersection

**Section 4 – Previous Property Address Information**

Do you want the ministry to search all prior historical addresses for this property/site for the time period of the records requested? \*

Yes  No

**Section 5 – Owner Information**

Please provide all present and previous property owner and/or tenant names for the search years requested.

**Current Property Owner/Tenant**

**Address 1**

980 Earl Armstrong Road  
Ottawa

Owner Name	Date of Ownership (yyyy/mm/dd)
<input type="text" value="Urbandale Corporation"/>	<input type="text"/>

Tenant Name

**Address 2**

4700 Limebank Road  
Ottawa

Owner Name	Date of Ownership (yyyy/mm/dd)
<input type="text" value="Urbandale Corporation"/>	<input type="text"/>

Tenant Name

## Section 6 – Supporting Documents

Please attach an authorization/consent form.

Please upload any documents (e.g. Maps) that are relevant to your FOI request.

The total size of all attachments must not be more than 8 MB.

1. File Name

Total File Size

Payment confirmation number: 28876463

319/56.



ONTARIO

15 No 1674

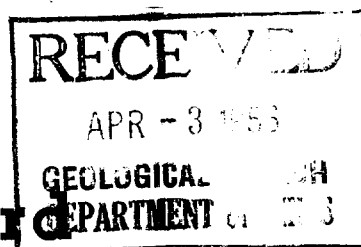
UTM 118 2 4417191010 E

5 R 510 113101510 N

Elev. 4 R 013118

Basin 215

The Water-well Drillers Act, 1954  
Department of Mines



# Water-Well Record

County or Territorial District... Parry Sound ... Township, Village, Town or City... Gloucester  
... Village, Town or City) ... Timber Lake  
Address ... Timber Lake

Date completed (day) (month) (year)

## Pipe and Casing Record

## Pumping Test

Casing diameter(s) ... 4" ... Static level ... 73'  
Length(s) ... 48' ... Pumping rate ... 300-400 GPM  
Type of screen ... ... Pumping level ... 30'  
Length of screen ... ... Duration of test ... 1 hr.

## Well Log

## Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>Boulder Clay</u>	<u>1'</u>	<u>46'</u>	<u>73'</u>	<u>50'</u>	<u>clear fresh</u>
<u>Gravel</u>	<u>46'</u>	<u>48'</u>			
<u>Limestone</u>	<u>48'</u>	<u>73'</u>			

For what purpose(s) is the water to be used?

Domestic

Is water clear or cloudy? ... clear

Is well on upland, in valley, or on hillside? ... valley

Drilling firm ... M. M. Meagher

Address ... 699 Woodstock Ave

... Ottawa

Name of Driller ... M. M. Meagher

Address ...

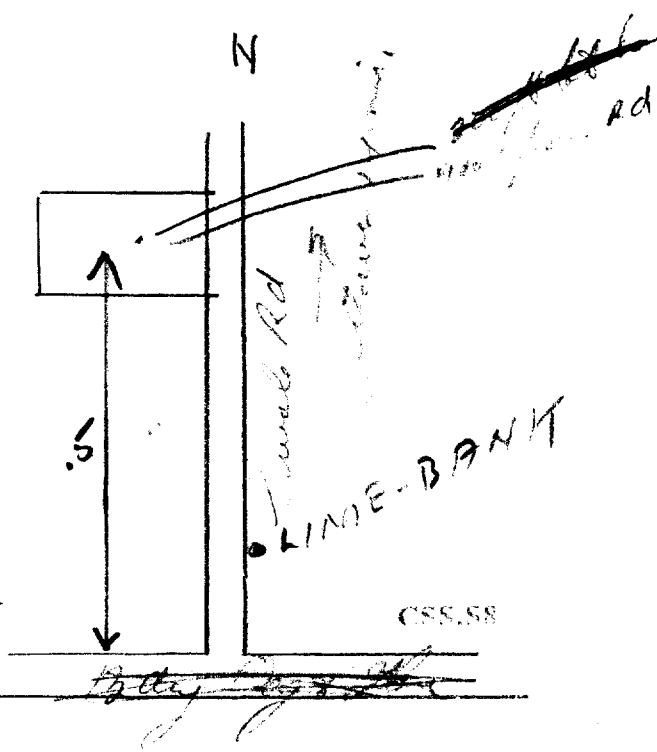
Licence Number ... 171

I certify that the foregoing statements of fact are true.

Date ... Jan 20 1953 ... M. M. Meagher  
Signature of Licensee

## Location of Well

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



UTM 1182 4476110E

5R 5014330N

Elev. 412 03011

Basin 12511

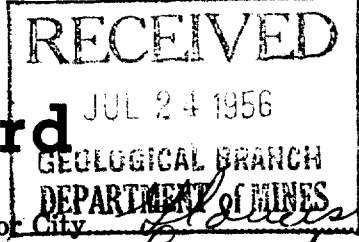
Lot 20

316/56.



15 No 1711

The Water-well Drillers Act, 1954  
Department of Mines



# Water-Well Record

County or Territorial District Coventry Township, Village, Town or City Plantersville  
In Village, Town or City) Line bank  
Address Line bank

(day) 7 (month) (year)

### Pipe and Casing Record

### Pumping Test

Casing diameter(s) 4'  
Length(s) 45  
Type of screen  
Length of screen

Static level 19'  
Pumping rate 310 GPH  
Pumping level 21'  
Duration of test 2 h

### Well Log

### Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>Clay</u>	<u>1</u>	<u>42'</u>	<u>80'</u>	<u>61'</u>	<u>fresh</u>
<u>limestone</u>	<u>42</u>	<u>80</u>			

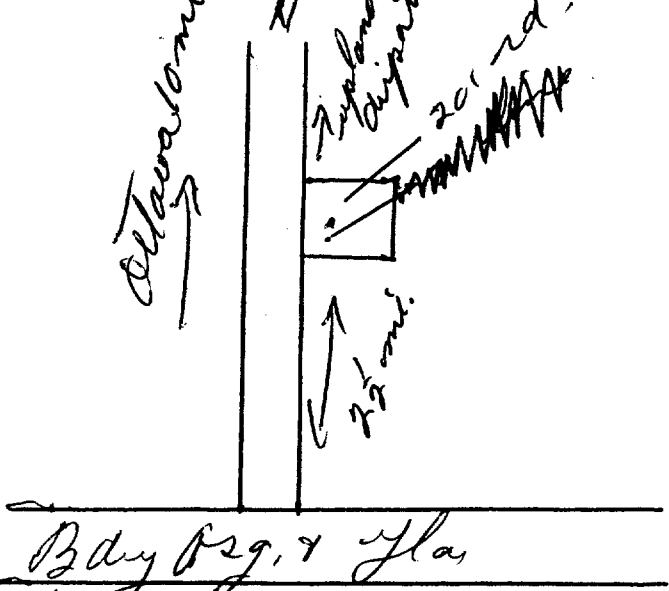
For what purpose(s) is the water to be used? home  
Is water clear or cloudy? clear  
Is well on upland, in valley, or on hillside? hillside  
Drilling firm M. M. Seagh  
Address 639 Hawthornwood  
Ottawa.  
Name of Driller M. M. Seagh  
Address  
Licence Number 171

I certify that the foregoing statements of fact are true.

Date May 17 M. M. Seagh  
Signature of Licensee

### Location of Well

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



Manotick  
3 mi.



UTMD 118 2 4 4 8 4 5 10 E  
 5 R 5 0 1 3 4 3 10 N  
 Elev. 4 R 0 3 1 5  
 Basin 2 5 R F.  
 Lot - 23.

31G/56



15 No. 1712

**RECEIVED**  
 DEC 13 1951  
 GEOLOGICAL BRANCH  
 DEPARTMENT OF MINES

The Well Drillers Act  
 Department of Mines, Province of Ontario

**Water Well Record**

Carleton Place Township, Village, Town or City Gloucester  
 Town or City  
 Manawatha

Date Completed 18 April 51 Cost of Well (excluding pump)

**Pipe and Casing Record**

**Pumping Test**

Casing diameter(s) 4"  
 Length(s) of casing(s) 6'  
 Type of screen  
 Length of screen  
 Distance from top of screen to ground level  
 Is well a gravel-wall type?

Date  
 Static level 17-18'  
 Pumping level did 17-18'  
 Pumping rate 500 g.p.m. min  
 Duration of test  
 Distance from cylinder or bowls to ground level

**Water Record**

Kind (fresh or mineral) fresh  
 Quality (hard, soft, contains iron, sulphur, etc.) hard  
 Appearance (clear, cloudy, coloured) clear  
 For what purpose(s) is the water to be used? farm  
 How far is well from possible source of contamination?  
 What is the source of contamination?  
 Enclose a copy of any mineral analysis that has been made of water.

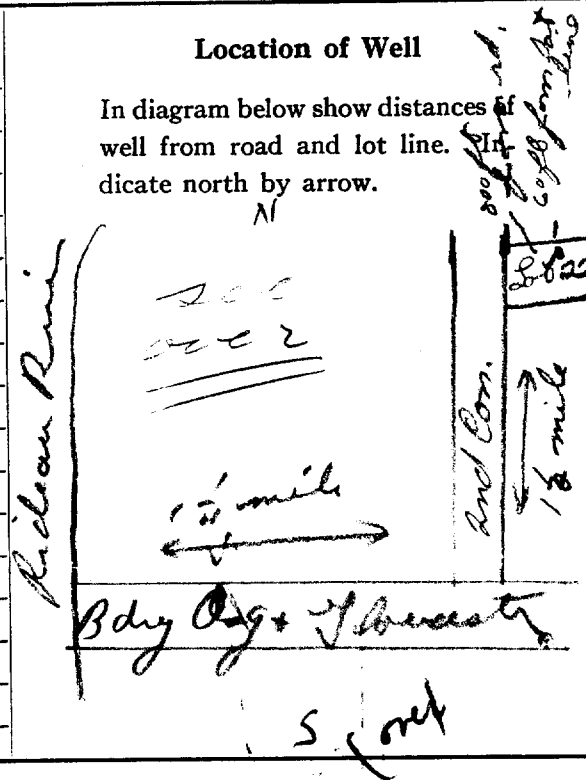
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
80'		

**Well Log**

Overburden and Bedrock Record	From	To
	0 ft.	0 ft.
hard dark rock - limestone?	0	84

**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? Hillside  
 Drilling Firm M. M. Eagan  
 Address  
 Name of Driller Address  
 Date Nov 29/51 Licence Number  
 Signature of Licensee M. M. Eagan

316/56



ONTARIO

The Water-well Drillers Act, 1954  
Department of Mines

GROUND WATER BRANCH  
15 No 1713  
DEC 12 1958  
ONTARIO WATER  
RESOURCES COMMISSION

UTM 18Z 44811510E

5R 5012930N

Elev. Pickray East

Basin 25

Lot 24

# Water-Well Record

County or Territorial District Carleton Township, Village, Town or City Gloucester

in Village, Town or City

Address P.O. 4 Ottawa

(day) (month) (year)

## Pipe and Casing Record

## Pumping Test

Casing diameter(s) 4"  
Length(s) 12'  
Type of screen  
Length of screen

Static level 15.7'  
Pumping rate 1.60 gal PER HR  
Pumping level 25'  
Duration of test 1 hr

## Well Log

## Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>Black loamy ground</u>	<u>0</u>	<u>2</u>	<u>32 ft</u>	<u>17 ft</u>	<u>fresh</u>
<u>hard grey limestone</u>	<u>2</u>	<u>9</u>			
<u>Soft blue limestone</u>	<u>9</u>	<u>32</u>			

For what purpose(s) is the water to be used?

house

Is water clear or cloudy? clear

Is well on upland, in valley, or on hillside? hill

Drilling firm

Address

Name of Driller James Kettle

Address

Licence Number 537

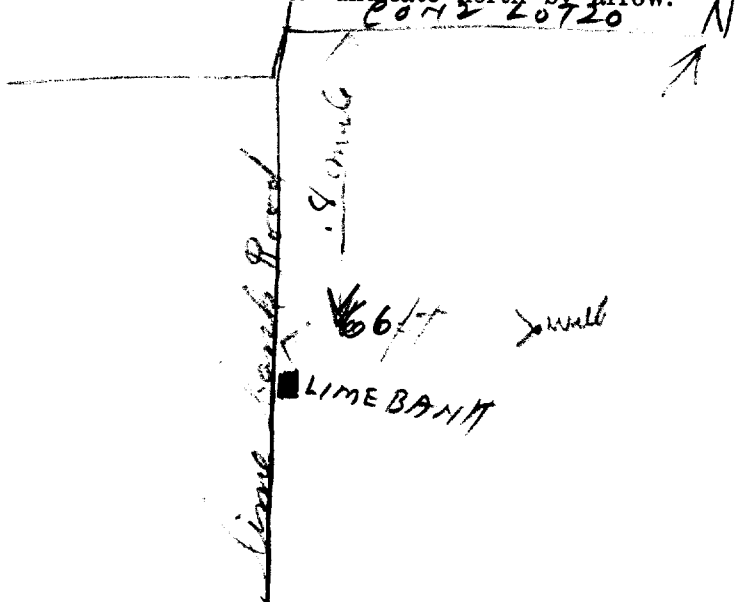
I certify that the foregoing statements of fact are true.

Date 10/23

Signature of Licensee James Kettle

## Location of Well

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





316/C.L. B

1509612

# The Ontario Water Resources Commission Act WATER WELL RECORD

18-4467510  
47501131410  
0305  
215

County or District Carleton Township, Village, Town or City Gloucester  
Con. 1 R. FRONT. Lot 9 22 22 Date completed 15 May 1968.  
Owner P. E. Blais Const. (Radio C.J.R.C.) Job Job Address Manotick, Ont.

### Casing and Screen Record

### Pumping Test

Inside diameter of casing 5 1/2"  
Total length of casing 32'  
Type of screen  
Length of screen  
Depth to top of screen  
Diameter of finished hole 5 1/2"

Static level 3'  
Test-pumping rate 18 G.P.M.  
Pumping level 20'  
Duration of test pumping 2 hrs.  
Water clear or cloudy at end of test clear  
Recommended pumping rate 6 G.P.M.  
with pump setting of 20 feet below ground surface

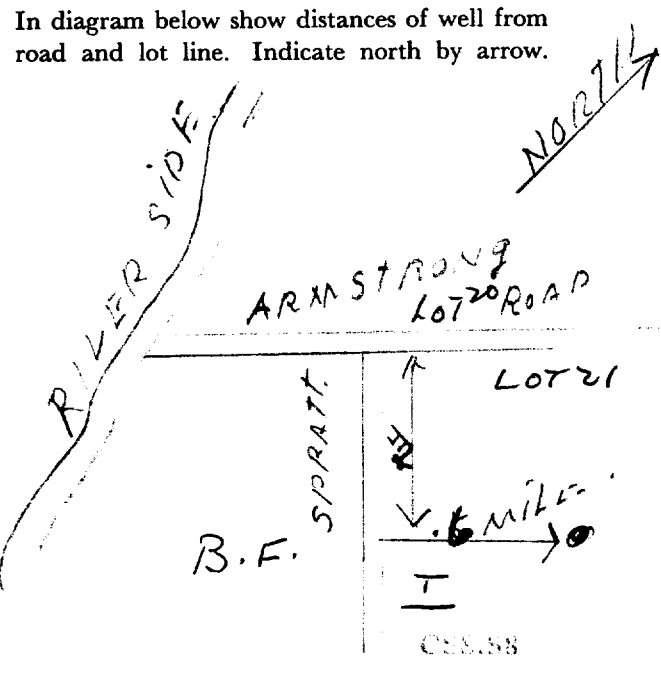
### Well Log

### Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
<u>blue clay</u>	<u>0</u>	<u>29</u>	<u>33</u>	<u>fresh</u>
<u>grey hard limestone</u>	<u>29</u>	<u>33</u>		

For what purpose(s) is the water to be used? domestic  
Is well on upland, in valley, or on hillside? valley 1/2  
Drilling or Boring Firm G. Charbonneau, Diamond & Cable Drilling,  
Address R. R. 1, Box 194, Orleans, Ont.  
Licence Number 3039  
Name of Driller or Borer G. Charbonneau  
Address R. R. 1, Box 194, Orleans, Ont.  
Date 15 May 1968.  
G. Charbonneau  
(Signature of Licensed Drilling or Boring Contractor)

### Location of Well



B

JTM 118Z 4481140  
Elev. 319.920

Con. II  
Lot 23



1509617

WATER RESOURCES  
DIRECTOR  
JUN 1 1968  
ONTARIO WATER  
RESOURCES COMMISSION  
Gloucester

CODED

The Ontario Water Resources Commission Act

# WATER WELL RECORD

Basin 125T  
County or District Carleton  
Township, Village, Town or City Gloucester  
Con. 2 RP Lot 23 Date completed 27th May 1968  
(day month year)  
Address 31 Ste. Claire Ave. - Ottawa 5

### Casing and Screen Record

Inside diameter of casing 6 3/16  
Total length of casing 12'9"  
Type of screen -  
Length of screen -  
Depth to top of screen -  
Diameter of finished hole 6

### Pumping Test

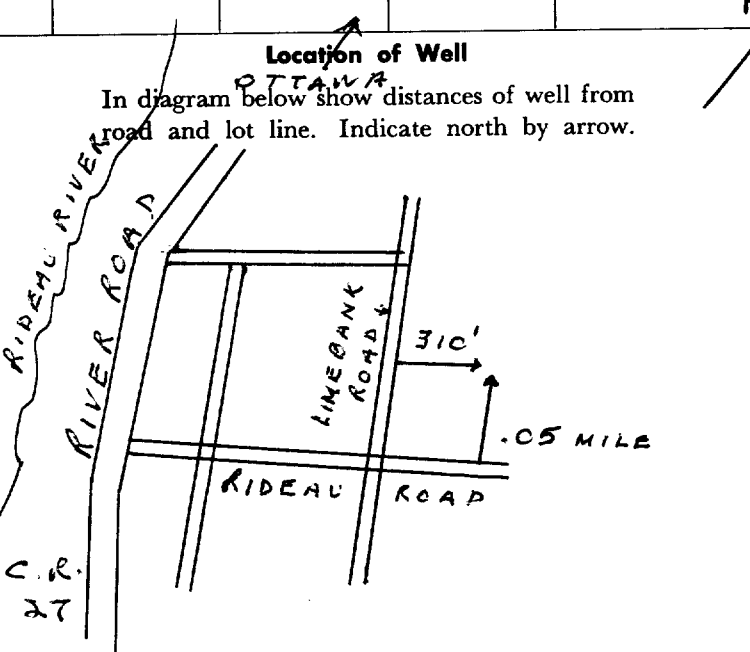
Static level 6  
Test-pumping rate 1000 GPH  
Pumping level 35  
Duration of test pumping 1/2 hr.  
Water clear or cloudy at end of test clear  
Recommended pumping rate 5 G.P.M.  
with pump setting of 38 feet below ground surface

### Well Log

### Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
LIMESTONE rock	0	40	25-35	fresh

For what purpose(s) is the water to be used? house  
Is well on upland, in valley, or on hillside? valley  
Drilling or Boring Firm J.B. DUFRESNE & CO. LIMITED  
Address 1014 Maitland Ave., Ottawa 5, Ont.  
Licence Number 2999  
Name of Driller or Borer R. Laniel  
Address 6 Bellevue Cr. - Lucerne, Que.  
Date May 27th 1968  
(Signature of Licensed Drilling or Boring Contractor)  
for: J.B. Dufresne & Co. Limited



Form 7 5M 60-20912

OWRC COPY

CS-3



# WATER WELL RECORD

Ontario

Carleton Place

1. PRINT ONLY IN SPACES PROVIDED  
2. CHECK  CORRECT BOX WHERE APPLICABLE

1516754

MUNICIPALITY 15002

CON. R.F.

02

COUNTY OR DISTRICT  
Hastar

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE  
Hastar

CON. BLOCK, TRACT, SURVEY, ETC.  
Con 2 R.F. 023

LOT NO. 23

PP# 1, Manotick

DATE COMPLETED  
DAY 14 MO 07 YR 78

THING 013800

ELEVATION 4 0315

BASIN CODE 4 26

## LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
grey	till	stones		0	7
white grey	limestone			7	50
white grey mixed	sandstone			50	80

31 000723412 0050215 008010218

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER			
0039	<input checked="" type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
0060	<input checked="" type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
06 1/4	STEEL	188	0	0022-16

SCREEN

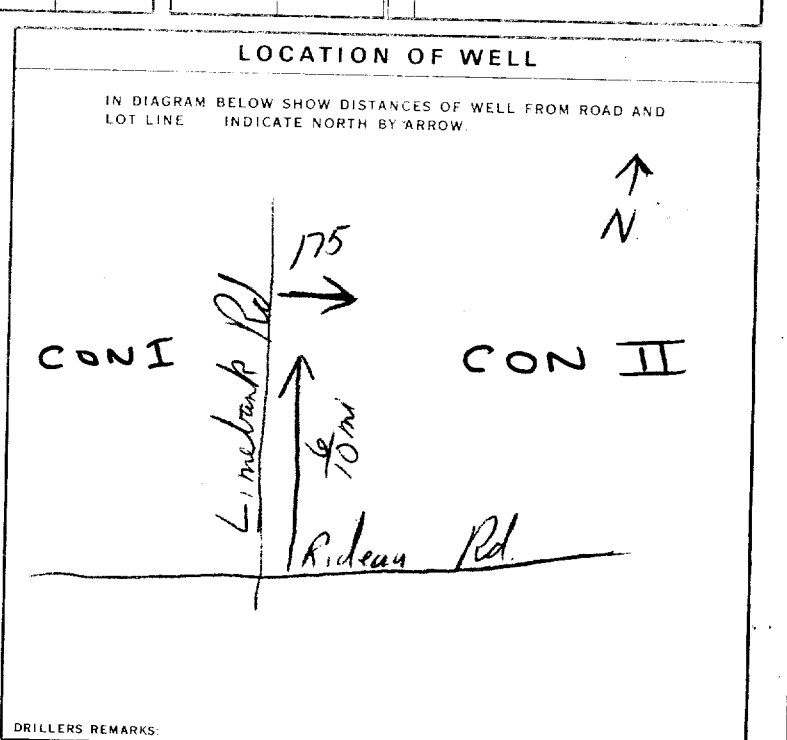
SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT, GROUT, LEAD PACKER, ETC.)
10-13	
18-21	
26-29	

71 PUMPING TEST

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING PUMPING	RECOVERY
020	050	050	050



FINAL STATUS OF WELL: 1

WATER USE: 12

METHOD OF DRILLING: 5

CONTRACTOR: Henry Mains Well Drilling 3644  
Address: Box 326, Richmond Ont

DRILLER OR BORER: Henry Mains

SUBMISSION DATE: DAY 14 MO 7 YR 78

OFFICE USE ONLY

DATE RECEIVED: 271178

DATE OF INSPECTION: 23/5/79

REMARKS: P, WI

# WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED  
2. CHECK  CORRECT BOX WHERE APPLICABLE

11

1519066

MUNICIP 15002

COR RF

DE

COUNTY OR DISTRICT: Ottawa-Carleton  
TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: Gloucester  
CON. BLOCK TRACT SURVEY ETC: 2 R.F.  
DATE COMPLETED: DAY 12 MO 06 YR 84  
# 1; Manotick, Ontario. KOA 2N0  
ELEVATION: 191.99  
BASIN CODE: 236

### LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown	Clay		Packed	0	16
Blue	Clay		Soft	16	41
Blue	Clay	Gravel & Boulders	Packed	41	50
Gray	Limestone		Medium	50	90

MOE  
VF-18

31 001660579 004130585 00503051113 009021578

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-13	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input checked="" type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
15-18	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
20-23	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
25-28	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-33	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

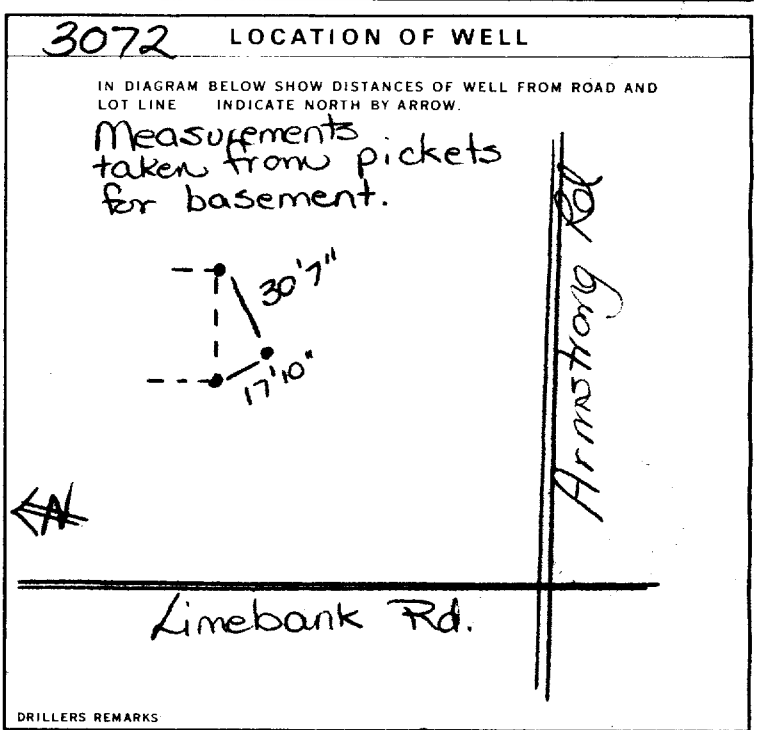
INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
06-8 1/2	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	188	0	0053
06	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE		53	0090
24-25	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE			27-30

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER ETC.)
10-13	14-17
18-21	22-25
26-29	30-33

71 PUMPING TEST

PUMPING TEST METHOD 1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER	PUMPING RATE 0020 GPM	DURATION OF PUMPING 01 HOURS 00 MINS
STATIC LEVEL 0210 FEET	WATER LEVEL END OF PUMPING 050 FEET	WATER LEVELS DURING
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT 060 FEET	WATER AT END OF TEST 050 FEET
RECOMMENDED PUMP TYPE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP	RECOMMENDED PUMP SETTING 060 FEET	RECOMMENDED PUMPING RATE 0005 GPM



FINAL STATUS OF WELL: 1

WATER USE: 01

METHOD OF DRILLING: 5

CONTRACTOR: Capital Water Supply Ltd. Licence Number: 1558  
Address: Box 490; Stittsville, Ont. KOA 3G0  
Name of Driller or Borer: W. Kavanagh  
Signature of Contractor: [Signature]  
Submission Date: DAY 12 MO 06 YR 84

OFFICE USE ONLY

DATA SOURCE: 1  
CONTRACTOR: 1558  
DATE RECEIVED: 07 08 84  
DATE OF INSPECTION: \_\_\_\_\_  
INSPECTOR: \_\_\_\_\_  
REMARKS: \_\_\_\_\_



Ministry of the Environment

Well Tag Number (Place sticker and print number below)

Well Record Regulation 903 Ontario Water Resources Act

page \_\_\_ of \_\_\_

Instructions for Completing Form

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

Well Owner's Information and Location of Well Information

Form containing well owner information: First Name (Wabandale Development), Last Name (Ottawa), Mailing Address (Ottawa), County/District/Municipality (Ottawa), Township/City/Town/Village (Ottawa), Province (Ontario), Postal Code, Telephone Number (613-731-6331), Address of Well Location (Gloveseter), RR#/Street Number/Name (4776 Limebank Rd), GPS Reading (NAD 8.3, Zone 18, Easting 447868, Northing 5013382), Unit Make/Model (Sporttrak NAD), Mode of Operation (Averaged).

Log of Overburden and Bedrock Materials (see instructions)

Table with columns: General Colour, Most common material, Other Materials, General Description, Depth From, Metres To. (Empty rows)

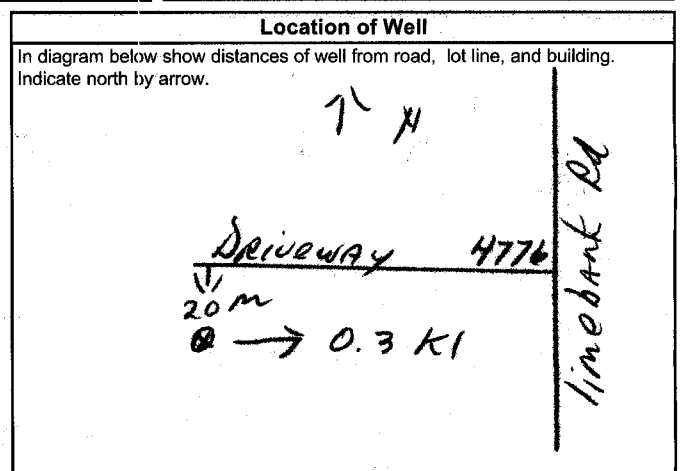
Hole Diameter table with columns: Depth (From, To), Metres, Diameter (Centimetres). Handwritten: 0, 7.31, 91.44

Construction Record table with columns: Inside diam (centimetres), Material, Wall thickness (centimetres), Depth (From, To), Metres. Sections: Casing, Screen, No Casing or Screen.

Test of Well Yield table with columns: Pumping test method, Draw Down (Time, Water Level), Recovery (Time, Water Level). Handwritten data for various pumping rates and durations.

Water Record section with checkboxes for Water found at (Metres), Kind of Water (Fresh, Sulphur, Gas, Salty, Minerals, Other).

Plugging and Sealing Record table with columns: Depth set at (From, To), Material and type, Volume Placed (cubic metres). Handwritten: 0 to 4.46m Clean Clay (3 cm), 4.46 to 6.09m Bentonite hole plug (14 Bags), 6.09 to 7.31m Clean Stone (1/2 cm).



Method of Construction, Water Use, and Final Status of Well sections with checkboxes.

Audit No. (Z 52510), Date Well Completed (2006/05/09), Date Delivered (2006/05/09), Was the well owner's information package delivered? (Yes/No).

Well Contractor/Technician Information section with Name of Well Contractor (Raymond Pump + Well), Business Address (147 Main St St-Albert Ont), Name of Well Technician (Jacques Raymond), Well Contractor's Licence No. (7260), Well Technician's Licence No. (T-0264), Date Submitted (2006/06/05).

Ministry Use Only section with Data Source, Contractor (7260), Date Received (OCT 27 2006), Date of Inspection, Well Record Number.



Measurements recorded in:  Metric  Imperial

Page \_\_\_\_\_ of \_\_\_\_\_

N/A

Well Owner's Information

First Name: METRO FOOD SERVICES, Last Name / Organization: 90 fast Eddies, E-mail Address: [blank], Mailing Address: Demolition Service Box 1382 Kemptonville Ont K0S 1J0, Telephone No.: [blank]

Well Location

Address of Well Location: #1423 EARL ARMSTRONG ROAD GLOUCESTER, Township: Gloucester, Lot: [blank], Concession: [blank], County/District/Municipality: Ottawa Carleton, City/Town/Village: Gloucester, Province: Ontario, Postal Code: [blank], UTM Coordinates: NAD 83 184617545014459, Municipal Plan and Sublot Number: \*SEE BELOW\*

Overburden and Bedrock Materials/Abandonment Sealing Record

Table with 5 columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m) From/To. Entry: 6" DRILLED WELL ABANDONMENT, 0' 57', P1200-CONARF-RP5R2087 Part 1 - RP4R24385 Part 10

Annular Space table with 3 columns: Depth Set at (m) From/To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³). Entry: 57' 5" to 5' 0", Hole plug Backfill (soil), 15 Bags

Results of Well Yield Testing table with columns: After test of well yield, water was; Draw Down (Time, Water Level); Recovery (Time, Water Level). Includes pumping rate, duration, and final water level data.

Method of Construction and Well Use table with checkboxes for Cable Tool, Rotary, Boring, etc., and Public, Commercial, etc. uses.

Construction Record - Casing table with columns: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth (m) From/To, Status of Well (Water Supply, Replacement Well, etc.).

Construction Record - Screen table with columns: Outside Diameter, Material, Slot No., Depth (m) From/To, Status of Well (Abandoned, Poor Water Quality, etc.).

Water Details and Hole Diameter table with columns: Water found at Depth, Kind of Water, Depth (m) From/To, Diameter (cm/in).

Well Contractor and Well Technician Information table with columns: Business Name of Well Contractor, Well Contractor's Licence No., Business Address, Municipality, Province, Postal Code, Business E-mail Address, Name of Well Technician, Signature, Date Submitted.

Map of Well Location section with handwritten notes: 'Line back to 225ft', '65ft', '#1423 Earl Armstrong Road' and a diagram showing well location relative to a road.

Well owner's information package delivered table with columns: Well owner's information package delivered (Yes/No), Date Package Delivered, Date Work Completed.

Ministry Use Only table with columns: Audit No. (2119913), Received (MAR 11 2011).



Tag #: **A164481** *A164481*

*S-15608*

Page \_\_\_\_\_ of \_\_\_\_\_

Measurements recorded in:  Metric  Imperial

**Well Owner's Information**

First Name <i>Morguard investment co Kelly Klassen</i>	Last Name / Organization	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner
Mailing Address (Street Number/Name) <i>55 City Centre Dr Suite 800 Mississauga ON</i>	Municipality	Province	Telephone No. (inc. area code)

**Well Location**

Address of Well Location (Street Number/Name) <i>1420 Earl Armstrong</i>	Township	Lot	Concession
County/District/Municipality	City/Town/Village <i>Ortonville</i>	Province <b>Ontario</b>	Postal Code
UTM Coordinates NAD 83 <i>18 44 78 49 50 1 43 63</i>	Zone	Easting	Northing
Municipal Plan and Sublot Number		Other	

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
<i>BRN</i>	<i>Top Soil</i>		<i>Soft</i>	<i>0</i>	<i>.31</i>
<i>BRN</i>	<i>Sand</i>	<i>Clay</i>	<i>Soft</i>	<i>.31</i>	<i>1.5</i>
<i>BRN</i>	<i>Silt</i>	<i>Clay</i>	<i>Soft</i>	<i>1.5</i>	<i>3.66</i>
<i>GRY</i>	<i>Silt</i>	<i>Clay</i>	<i>Soft wet</i>	<i>3.66</i>	<i>4.57</i>

Annular Space			
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)	
From	To		
<i>0</i>	<i>1.22</i>	<i>Bedrock</i>	
<i>1.22</i>	<i>4.57</i>	<i>Sand</i>	

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary (Conventional) <input type="checkbox"/> Rotary (Reverse) <input type="checkbox"/> Boring <input type="checkbox"/> Air percussion <input checked="" type="checkbox"/> Other, specify <i>direct pull</i>	<input type="checkbox"/> Diamond <input type="checkbox"/> Jetting <input type="checkbox"/> Driving <input type="checkbox"/> Digging <input type="checkbox"/> Public <input type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Other, specify <input type="checkbox"/> Commercial <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Cooling & Air Conditioning <input type="checkbox"/> Not used <input type="checkbox"/> Dewatering <input checked="" type="checkbox"/> Monitoring

Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify <input type="checkbox"/> Other, specify
			From	To	
<i>5.70</i>	<i>PVC</i>	<i>.390</i>	<i>0</i>	<i>1.5</i>	

Construction Record - Screen					
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)		<input type="checkbox"/> Other, specify
			From	To	
<i>6.03</i>	<i>PVC</i>	<i>10</i>	<i>1.5</i>	<i>4.57</i>	

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Depth (m/ft)	Diameter (cm/in)
From	To		
		<i>0</i>	<i>4.57</i>

Well Contractor and Well Technician Information			
Business Name of Well Contractor <i>Strata Drilling Corp</i>	Well Contractor's Licence No. <i>7 2 4 1</i>		
Business Address (Street Number/Name) <i>165 Shields Court</i>	Municipality <i>Markham</i>		
Province <i>ON</i>	Postal Code <i>L2R 8V2</i>	Business E-mail Address <i>Wmco@strata-drilling.com</i>	
Bus. Telephone No. (inc. area code) <i>905 764 9304</i>	Name of Well Technician (Last Name, First Name) <i>Becky Brian</i>	Date Submitted <i>2014 06 06</i>	
Well Technician's Licence No. <i>3 6 1 6</i>	Signature of Technician and/or Contractor <i>[Signature]</i>		

Results of Well Yield Testing				
After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason: Static Level	1		1	
	2		2	
	3		3	
	4		4	
	5		5	
	10		10	
If flowing give rate (l/min / GPM)	15		15	
	20		20	
	25		25	
	30		30	
Pump intake set at (m/ft)	3		3	
Pumping rate (l/min / GPM)	4		4	
Duration of pumping ____ hrs + ____ min	5		5	
Final water level end of pumping (m/ft)	10		10	
Recommended pump depth (m/ft)	20		20	
Recommended pump rate (l/min / GPM)	30		30	
Well production (l/min / GPM)	40		40	
Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No	50		50	
	60		60	

Map of Well Location	
Please provide a map below following instructions on the back.	
<i>See Map</i>	
<i>mw 1</i>	
Comments:	
Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered Y Y Y Y M M D D <i>2014 06 04</i>
Date Work Completed <i>2014 06 04</i>	
Ministry Use Only	
Audit No <b>Z 187781</b>	
JUL 21 2014	



Measurements recorded in:  Metric  Imperial

A164483

S-15608 Page of

Well Owner's Information

First Name: Marguard investment Gp Kelly Klassen; Last Name / Organization: Marguard investment Gp Kelly Klassen; E-mail Address: [redacted]; Mailing Address: 55 City Centre Dr Suite 800 Mississauga ON; Telephone No. [redacted]

Well Location

Address of Well Location: 1420 Earl Armstrong; Township: Ottawa; City/Town/Village: Ottawa; Province: Ontario; UTM Coordinates: NAD 83 18 447849 5014326

Overburden and Bedrock Materials/Abandonment Sealing Record

Table with 5 columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From/To. Rows include Top Soil, Sand, Silt, Clay, and Soft wet.

Annular Space

Table with 4 columns: Depth Set at (m/ft) From/To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³). Rows include Bentonite and Sand.

Results of Well Yield Testing

Table with 4 columns: After test of well yield, water was; Draw Down (Time, Water Level); Recovery (Time, Water Level); Static Level. Includes pumping rate and duration.

Method of Construction

- Rotary (Conventional), Rotary (Reverse), Boring, Air percussion, Other, specify direct Push

Well Use

- Public, Commercial, Domestic, Livestock, Irrigation, Industrial, Other, specify

Construction Record - Casing

Table with 5 columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From/To. Row: 4.03 PVC 388 0 1.5

Status of Well

- Water Supply, Replacement Well, Test Hole, Observation and/or Monitoring Hole, Abandoned, Insufficient Supply, Abandoned, Poor Water Quality, Abandoned, other, specify

Construction Record - Screen

Table with 5 columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From/To. Row: 4.83 PVC 10 1.5 4.57

Map of Well Location

Please provide a map below following instructions on the back.

See MAP

MW 3

Water Details

Table with 2 columns: Water found at Depth (m/ft), Kind of Water (Fresh, Untested, Gas, Other, specify)

Hole Diameter

Table with 3 columns: Depth (m/ft) From/To, Diameter (cm/in). Row: 0 4.57 8.25

Well Contractor and Well Technician Information

Business Name: Strata Drilling Group; Business Address: 165 Shields Court; Well Contractor's Licence No: 7241; Well Technician: Beatty Brian; Date Submitted: 2014/06/06

Comments:

Well owner's information package delivered: Yes

Date Package Delivered: YYY YYY M M D D; Date Work Completed: 2014/06/04

Ministry Use Only; Audit No: 2187782; Date: JUL 21 2014



⊕ proposed borehole location



T.G. M.G.M. P.G.	MARCH 2014 DESIGN	CLIENT: <b>MORGUARD INVESTMENTS LIMITED</b> 1420 EARL ARMSTRONG ROAD, OTTAWA, ONTARIO	exp Services Inc. www.exp.com t: +1 613 888 1899 f: +1 613 225 7337 2650 Queen's View Drive, Suite 100 Ottawa, ON K2B 8H6, Canada	PROJECT: OTT-00216958-A0
	T.G. M.G.M. P.G.			TITLE: <b>CONCEPTUAL SITE MODEL</b> 1420 EARL ARMSTRONG ROAD, OTTAWA, ONTARIO

545208

2886812 1727-2 JUL 6 1 2014

Measurements recorded in:  Metric  Imperial

**Well Owner's Information**

First Name: Centre des Écoles Catholiques du Centre-Est Last Name / Organization: Centre des Écoles Catholiques du Centre-Est E-mail Address: info@cesc.ca  Well Constructed by Well Owner

Mailing Address (Street Number/Name): 9084 CAVANAGH ROAD Municipality: ASHTON Province: ON Postal Code: K0A1R0 Telephone No. (inc. area code): (613) 271-1111

**Well Location**

Address of Well Location (Street Number/Name): 925 RALPH HENNESSY DR Township: CHOUDESTON (RE) Lot: 21 Concession: 1

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

UTM Coordinates: Zone: 18 Easting: AA6705 Northing: 5013376 Municipal Plan and Sublot Number:            Other:           

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)
				From To
	WELL RECORD ISSUED FOR ABANDONMENT OF BH-5 9/2 EXP-OTTAWA			0.00 7.60
	OTT-00245869-A0			

**Annular Space**

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
From To		
0.00 7.60	BEARONITE MULEPLUG CEMENT	

**Results of Well Yield Testing**

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

If pumping discontinued, give reason:           

Time (min)	Draw Down		Recovery	
	Water Level (m/ft)	Time (min)	Water Level (m/ft)	Time (min)
Static Level	3.12			
1		1		
2		2		
3		3		
4		4		
5		5		
10		10		
15		15		
20		20		
25		25		
30		30		
40		40		
50		50		
60		60		

Pump intake set at (m/ft):           

Pumping rate (l/min / GPM):           

Duration of pumping:            hrs +            min

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

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

Recommended pump depth (m/ft):           

Recommended pump rate (l/min / GPM):           

Well production (l/min / GPM):           

Disinfected?  Yes  No

**Method of Construction**

Cable Tool  Diamond  Public  Commercial  Not used

Rotary (Conventional)  Jetting  Domestic  Municipal  Dewatering

Rotary (Reverse)  Driving  Livestock  Test Hole  Monitoring

Boring  Digging  Irrigation  Cooling & Air Conditioning

Air percussion  Industrial

Other, specify             Other, specify           

**Construction Record - Casing**

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
2019	PVC		1.96	7.60	<input checked="" type="checkbox"/> Observation and/or Monitoring Hole

**Status of Well**

Water Supply  Replacement Well  Test Hole  Recharge Well  Dewatering Well

Observation and/or Monitoring Hole  Alteration (Construction)  Abandoned, Insufficient Supply  Abandoned, Poor Water Quality  Abandoned, other, specify Construction 2019

**Construction Record - Screen**

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)		Status of Well
			From	To	
					<input checked="" type="checkbox"/> Abandoned, other, specify <u>Construction 2019</u>

**Water Details**

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify <u>          </u>	Hole Diameter
From		Depth (m/ft) From To Diameter (cm/in)
0.00 7.60		0.00 7.60 2.00 (1.75)

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: STANTON DRILLING INC Well Contractor's Licence No.: 48275

Business Address (Street Number/Name): 1575 ARCHES DR BOX 279 Municipality: PARKESTON

Province: ON Postal Code: K0A1R0 Business E-mail Address: stantondrilling@bell.net

Business Telephone No. (inc. area code): (613) 271-1111 Name of Well Technician (Last Name, First Name): SPRING, PETER

Well Technician's Licence No.: 0086 Signature of Technician and/or Contractor: [Signature] Date Submitted: 2018/10/15

**Map of Well Location**

Please provide a map below following instructions on the back.

Comments:           

Well owner's information package delivered:  Yes  No

Date Package Delivered: 2018/10/15 Date Work Completed: 2018/10/15

**Ministry Use Only**

Audit No.: 2252118 Received: DEC 21 2018

# Map: Well records

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

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

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[Go Back to Map](#)

## Well ID

Well ID Number: 7358310

Well Audit Number: Z334183

Well Tag Number:

*This table contains information from the original well record and any subsequent updates.*

## Well Location

<b>Address of Well Location</b>	Linebank rd/south of earl armstrong
<b>Township</b>	GLOUCESTER TOWNSHIP
<b>Lot</b>	

<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	Ottawa
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 447755.00 Northing: 5014061.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

<b>General Colour</b>	<b>Most Common Material</b>	<b>Other Materials</b>	<b>General Description</b>	<b>Depth From</b>	<b>Depth To</b>	

## Annular Space/Abandonment Sealing Record



Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	40 ft	HOLEPLUG BENTONITE	

### Method of Construction & Well Use

Method of Construction	Well Use

### Status of Well

Abandoned-Other

### Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To

# Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To	

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7659

## Results of Well Yield Testing

<b>After test of well yield, water was</b>	
<b>If pumping discontinued, give reason</b>	
<b>Pump intake set at</b>	
<b>Pumping Rate</b>	
<b>Duration of Pumping</b>	
<b>Final water level</b>	
<b>If flowing give rate</b>	

<b>Recommended pump depth</b>	
<b>Recommended pump rate</b>	
<b>Well Production</b>	
<b>Disinfected?</b>	

**Draw Down & Recovery**

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	

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

**Water Details**

Water Found at Depth	Kind	

**Hole Diameter**

Depth	Depth	Diameter	

From	To	

**Audit Number:** Z334183

**Date Well Completed:** March 16, 2020

**Date Well Record Received by MOE:** May 15, 2020

**Related**

How to use a Ministry of the Environment map (<https://www.ontario.ca/page/how-use-ministry-environment-map#wells>)

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

Updated: January 10, 2024

Published: March 20, 2014



# Map: Well records

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

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

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[Go Back to Map](#)

## Well ID

Well ID Number: 7354739

Well Audit Number: Z280822

Well Tag Number: A215220

*This table contains information from the original well record and any subsequent updates.*

## Well Location

<b>Address of Well Location</b>	limebank rd.
<b>Township</b>	GLOUCESTER TOWNSHIP
<b>Lot</b>	

<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	Ottawa
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 448050.00 Northing: 5013995.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

<b>General Colour</b>	<b>Most Common Material</b>	<b>Other Materials</b>	<b>General Description</b>	<b>Depth From</b>	<b>Depth To</b>	

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	25.6 m	HOLEPLUG	

### Method of Construction & Well Use

Method of Construction	Well Use

### Status of Well

Abandoned-Other

### Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To

# Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To	

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7659

## Results of Well Yield Testing

<b>After test of well yield, water was</b>	
<b>If pumping discontinued, give reason</b>	
<b>Pump intake set at</b>	
<b>Pumping Rate</b>	
<b>Duration of Pumping</b>	
<b>Final water level</b>	
<b>If flowing give rate</b>	

<b>Recommended pump depth</b>	
<b>Recommended pump rate</b>	
<b>Well Production</b>	
<b>Disinfected?</b>	

**Draw Down & Recovery**

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	

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

**Water Details**

Water Found at Depth	Kind	

**Hole Diameter**

Depth	Depth	Diameter	



From	To	

**Audit Number:** Z280822

**Date Well Completed:** October 31, 2019

**Date Well Record Received by MOE:** March 02, 2020

**Related**

How to use a Ministry of the Environment map (<https://www.ontario.ca/page/how-use-ministry-environment-map#wells>)

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

Updated: January 10, 2024

Published: March 20, 2014

# Map: Well records

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

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

---

[Go Back to Map](#)

## Well ID

Well ID Number: 7224068

Well Audit Number: Z187783

Well Tag Number: A164482

*This table contains information from the original well record and any subsequent updates.*

## Well Location

<b>Address of Well Location</b>	1920 EARL ARMSTRONG
<b>Township</b>	GLOUCESTER TOWNSHIP
<b>Lot</b>	

<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	OTTAWA
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 447856.00 Northing: 5014332.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

<b>General Colour</b>	<b>Most Common Material</b>	<b>Other Materials</b>	<b>General Description</b>	<b>Depth From</b>	<b>Depth To</b>
BLCK	LOAM		SOFT	0 m	.31 m
BRWN	SAND	CLAY	SOFT	.31 m	1.5 m
BRWN	SILT	CLAY	SOFT	1.5 m	3.1 m

BRWN	SILT	CLAY	SOFT	3.1 m	4.57 m
------	------	------	------	-------	--------

### Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	1.22 m	BENTONITE	
1.22 m	4.57 m	SAND	

### Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	
	Test Hole

### Status of Well

Test Hole

### Construction Record - Casing

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

### Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	1.5 m	4.57 m

### Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

### Results of Well Yield Testing

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

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

**Draw Down & Recovery**

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
SWL			
1		1	
2		2	
3		3	

4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

**Water Details**

<b>Water Found at Depth</b>	<b>Kind</b>




**Hole Diameter**

Depth From	Depth To	Diameter
0 m		

**Audit Number:** Z187783

**Date Well Completed:** June 04, 2014

**Date Well Record Received by MOE:** July 21, 2014

**Related**

How to use a Ministry of the Environment map (<https://www.ontario.ca/page/how-use-ministry-environment-map#wells>)

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

## Grant Paterson

---

**From:** Public Information Services <publicinformationsservices@tssa.org>  
**Sent:** January 29, 2024 11:42 AM  
**To:** Grant Paterson  
**Subject:** RE: Search Records request-PE6399

Hello ,

### **NO RECORDS FOUND IN CURRENT DATABASE:**

- We confirm that there are NO **fuels records** in our database at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please apply for release of public information (PI Form) through TSSA's new Service Prepayment Portal. The associated fee must be paid via credit card (Visa or MasterCard) through a secure site.

Please follow the steps below to access the applications and the Service Prepayment Portal:

#### **Accessing the applications**

1. Click [Request a Public Record](#)
2. Select the appropriate application, download it, complete it in full and save it (you will have to upload application)
3. Proceed to page 3 of the application and click the "TSSA Service Prepayment Portal" link under payment options (the link will take you the secure site where you can pay for the request via credit card)

#### **Accessing the Service Prepayment Portal**

1. Select new or existing customer (\*if you are an existing customer, you will need your account number & postal code to access your account)
2. Under "Program Area" select **Public Information** and click continue
3. Enter application form number (found on the bottom left corner of the application form - **PI-095-v2**) and click continue
4. Complete the primary contact information section
5. Complete the fee section
6. Upload your completed application
7. Upload supporting documents (if required) and click continue

Once all steps have been successfully completed you will receive your payment receipt via email.

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

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org).

Kind regards,



**Slavka Zahrebelny | Public Information Agent**

Public Information  
345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: +1 416-734-3585 | Fax: +1 416-734-6242 | E-Mail: [szahrebelny@tssa.org](mailto:szahrebelny@tssa.org)  
[www.tssa.org](http://www.tssa.org)



**Winner of 2023 5-Star Safety Cultures Award**

**From:** Grant Paterson

<GPaterson@patersongroup.ca>  
**Sent:** Monday, January 29, 2024 11:09 AM  
**To:** Public Information Services <publicinformationservices@tssa.org>  
**Subject:** Search Records request-PE6399

**[CAUTION]:** This email originated outside the organisation.  
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good morning,

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

Earl Armstrong Road: 980, 1420, 1424, 1515, and 3785  
Limebank Road: 4700, 4705, 4755, and 4776

Thanks,  
Grant Paterson



**Grant Paterson**  
Junior Environmental Inspector  
TEL: (613) 226-7381 ext. 344  
CELL: (343) 961-5549  
DIRECT: (613) 800-5584  
9 AURIGA DRIVE  
OTTAWA ON K2E 7T9  
[patersongroup.ca](http://patersongroup.ca)

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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:**   
*\* Mandatory Field*

### Applicant/Agent Information:

Name:

Mailing Address:

Telephone:  Email Address:

### Registered Property Owner Information: Same as above

Name:

Mailing Address:

Telephone:  Email Address:



### Site Details

Legal Description and PIN:

Concession 1 Lots 21 and 22 Ottawa Ontario

What is the land currently used for?

Vacant

Lot frontage:

m

Lot depth:

m

Lot area:

937 m<sup>2</sup>

OR

Lot area: (irregular lot)

500,000

m<sup>2</sup>

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

\$102.00

### Submittal Requirements

The following are required to be submitted with this application:

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



**Disclaimer**  
**For use with HLUI Database**

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

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

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.
2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.
4. Copyright is reserved to the City.
5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.
6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.
7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed: G Pat

Dated (dd/mm/yyyy): 23/04/2024

Per: Grant Paterson  
(Please print name)

Title: Jr. Environmental Inspector

Company: Paterson Group Inc.



# PATERSON GROUP

April 22, 2024  
File: PE6399-HLUI

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

**Subject: Authorization Letter: HLUI Search  
Phase I – Environmental Site Assessment  
980 Earl Armstrong Road and  
4700 Limebank Road  
Ottawa, Ontario**

## Consulting Engineers

9 Auriga Drive  
Ottawa, Ontario  
K2E 7T9

**Tel: (613) 226-7381**

Geotechnical Engineering  
Environmental Engineering  
Hydrogeology  
Materials Testing  
Building Science  
Rural Development Design  
Retaining Wall Design  
Noise and Vibration Studies

[patersongroup.ca](http://patersongroup.ca)

Dear Sir/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:** Riverside South Development Corporation

**Name of Representative:** Marcel Denomme

**Signature:**

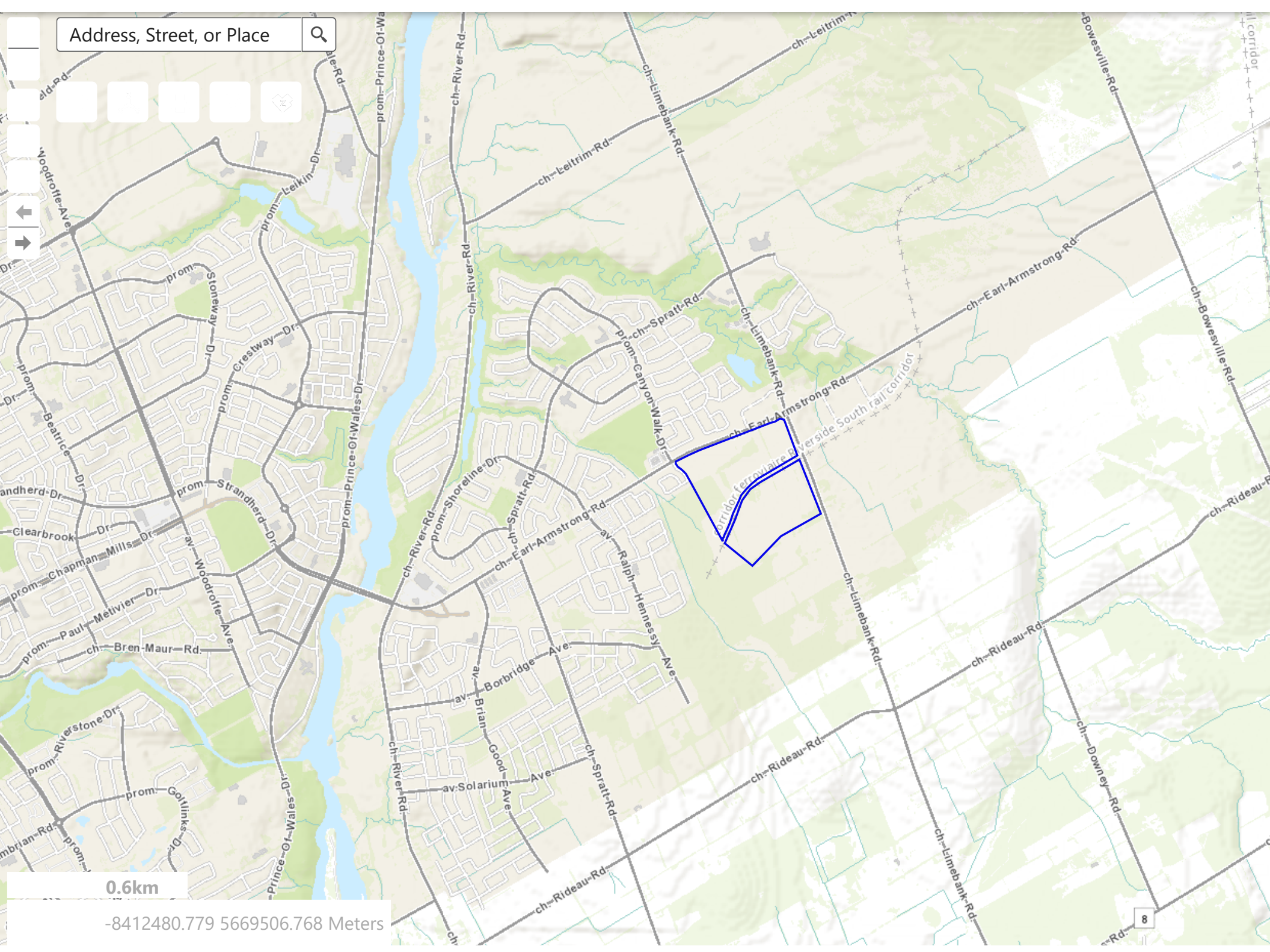
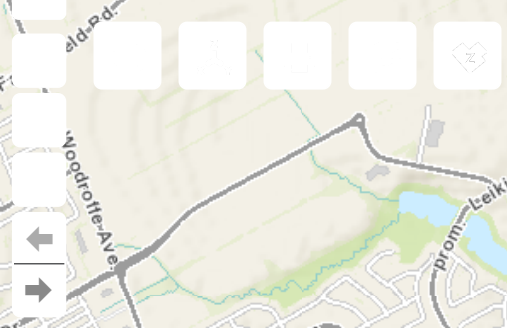
**Date:**

April 23rd, 2024





Address, Street, or Place



0.6km

-8412480.779 5669506.768 Meters



---

# DATABASE REPORT

**Project Property:** *Phase 1 update  
980 Earl Armstrong Road  
Ottawa ON  
PE6399*

**Project No:** *PE6399*

**Report Type:** *Quote - Custom-Build Your Own Report*

**Order No:** *24012900333*

**Requested by:** *Paterson Group Inc.*

**Date Completed:** *January 30, 2024*

# Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	7
Executive Summary: Site Report Summary - Surrounding Properties.....	8
Executive Summary: Summary By Data Source.....	11
Map.....	16
Aerial.....	17
Topographic Map.....	18
Detail Report.....	19
Unplottable Summary.....	65
Unplottable Report.....	69
Appendix: Database Descriptions.....	121
Definitions.....	131

## **Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY**

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

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# Executive Summary

## **Property Information:**

**Project Property:** *Phase 1 update  
980 Earl Armstrong Road Ottawa ON*

**Project No:** *PE6399*

## **Order Information:**

**Order No:** *24012900333*

**Date Requested:** *January 29, 2024*

**Requested by:** *Paterson Group Inc.*

**Report Type:** *Quote - Custom-Build Your Own Report*

## **Historical/Products:**

**ERIS Xplorer** [\*ERIS Xplorer\*](#)

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	2	2
CA	<i>Certificates of Approval</i>	Y	0	2	2
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	1	1
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	1	3	4
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	2	7	9
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	0	0
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	2	2



<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.25km</b>	<b>Total</b>
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPR2	<i>National Pollutant Release Inventory 1993-2020</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory - Historic</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PFCH	<i>NPRI Reporters - PFAS Substances</i>	Y	0	0	0
PFHA	<i>Potential PFAS Handlers from NPRI</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	1	1
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	2	4	6
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	1	11	12



<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
		<b>Total:</b>	6	33	39

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#">1</a>	EHS		980 Earl Armstrong Road Ottawa ON	E/0.0	1.00	<a href="#">19</a>
<a href="#">2</a>	SPL		4630 Line Bank Road, Ottawa OTTAWA ON	ENE/0.0	1.03	<a href="#">19</a>
<a href="#">2</a>	EHS		4630 Limebank Road Ottawa ON K1V 2K6	ENE/0.0	1.03	<a href="#">20</a>
<a href="#">3</a>	SPL		E of Earl Armstrong and Limebank Rds., Ottawa ON	NNE/0.0	-1.00	<a href="#">20</a>
<a href="#">4</a>	WWIS		Linebank rd/south of earl armstrong Ottawa ON  <i>Well ID: 7358310</i>	ENE/0.0	-0.05	<a href="#">21</a>
<a href="#">5</a>	ECA	Riverside South Development Corp.	980 Earl Armstrong Rd Part of and 1420 Earl Armstrong Road Ottawa ON K1G 2H5	NE/0.0	-0.69	<a href="#">22</a>

## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">6</a>	SPL		4608-4670 Limebank Rd. Ottawa ON	ENE/12.8	-0.04	<a href="#">23</a>
<a href="#">7</a>	CA	City of Ottawa	Limebank Road and Earl Armstrong Rd Ottawa ON	NNE/54.3	-1.31	<a href="#">23</a>
<a href="#">7</a>	CA	City of Ottawa	Limebank Road and Earl Armstrong Rd Ottawa ON	NNE/54.3	-1.31	<a href="#">24</a>
<a href="#">7</a>	ECA	City of Ottawa	Limebank Road and Earl Armstrong Ottawa ON K1P 1J1	NNE/54.3	-1.31	<a href="#">24</a>
<a href="#">7</a>	ECA	City of Ottawa	Limebank Road and Earl Armstrong Ottawa ON K2G 6J8	NNE/54.3	-1.31	<a href="#">24</a>
<a href="#">7</a>	SPL	SNC-Lavalin Constructors (Pacific) Inc.	Closest intersection is Earl Armstrong Rd and Limebank Rd Ottawa ON	NNE/54.3	-1.31	<a href="#">25</a>
<a href="#">7</a>	SPL		Limebank Rd and Earl Armstrong Rd, Gloucester OTTAWA ON	NNE/54.3	-1.31	<a href="#">26</a>
<a href="#">8</a>	SPL		4689 Limebank Rd Gloucester ON	E/70.8	1.54	<a href="#">26</a>
<a href="#">9</a>	WWIS		lot 22 con 2 ON <b>Well ID:</b> 7338720	E/92.1	1.98	<a href="#">27</a>
<a href="#">10</a>	WWIS		lot 22 con 2 ON <b>Well ID:</b> 1509616	E/96.0	0.69	<a href="#">29</a>
<a href="#">11</a>	BORE		ON	E/96.0	0.69	<a href="#">32</a>
<a href="#">12</a>	PINC		3795 Canyon Walk, Ottawa ON	WNW/114.8	-2.00	<a href="#">33</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">13</a>	WWIS		1423 EARL ARMSTRONG RD GLOUCESTER ON <i>Well ID: 7160257</i>	NE/114.9	-1.00	<a href="#">34</a>
<a href="#">14</a>	EHS		Earl Armstrong Rd. and Limebank Rd. Ottawa ON	ESE/126.1	4.00	<a href="#">36</a>
<a href="#">15</a>	ECA	Urbandale Corporation	1515 Earl Armstrong Rd Ottawa ON K1G 2H5	N/142.1	-2.00	<a href="#">36</a>
<a href="#">15</a>	EASR	URBANDALE CORPORATION	1515 Earl Armstrong RD Ottawa ON K1X 1E5	N/142.1	-2.00	<a href="#">36</a>
<a href="#">16</a>	EHS		1515 Earl Armstrong Road Gloucester ON K1X	N/143.9	-2.00	<a href="#">37</a>
<a href="#">16</a>	EHS		1515 Earl Armstrong Road Gloucester ON K1X	N/143.9	-2.00	<a href="#">37</a>
<a href="#">16</a>	EHS		1515 Earl Armstrong Road Gloucester ON K1X	N/143.9	-2.00	<a href="#">37</a>
<a href="#">16</a>	EHS		1515 Earl Armstrong Road Gloucester ON K1X	N/143.9	-2.00	<a href="#">37</a>
<a href="#">17</a>	WWIS		lot 20 con 2 ON <i>Well ID: 1519066</i>	NNE/150.1	-1.31	<a href="#">38</a>
<a href="#">18</a>	EHS		1420 Earl Armstrong Rd Ottawa ON K1X1E6	NE/155.9	-3.00	<a href="#">41</a>
<a href="#">19</a>	WWIS		lot 22 con 2 ON <i>Well ID: 1514566</i>	E/174.6	1.69	<a href="#">41</a>
<a href="#">20</a>	WWIS		1420 EARL ARMSTONG lot 21 con 2 OTTAWA ON <i>Well ID: 7224166</i>	NE/175.8	-2.92	<a href="#">45</a>
<a href="#">21</a>	BORE		ON	SE/182.8	4.00	<a href="#">49</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">22</a>	WWIS		1920 EARL ARMSTRONG OTTAWA ON <i>Well ID:</i> 7224068	NE/184.5	-2.92	<a href="#">50</a>
<a href="#">23</a>	WWIS		1420 EARL ARMSTONG OTTAWA ON <i>Well ID:</i> 7224165	NE/189.7	-3.76	<a href="#">53</a>
<a href="#">24</a>	WWIS		4755 Limebank Road lot 22 con 2 Ottawa ON <i>Well ID:</i> 7418965	E/196.9	0.94	<a href="#">56</a>
<a href="#">25</a>	HINC		250 CROISSANT EYE BRIGHT GLOUCESTER ON K1V 2K7	NNW/199.5	-2.00	<a href="#">59</a>
<a href="#">26</a>	HINC		318 ROYAL FERN WAY GLOUCESTER ON K1V 2K7	NW/231.4	-2.00	<a href="#">60</a>
<a href="#">27</a>	WWIS		4776 LIMEBANK ROAD OTTAWA ON <i>Well ID:</i> 1536769	SE/233.7	4.00	<a href="#">60</a>
<a href="#">28</a>	WWIS		limebank rd. Ottawa ON <i>Well ID:</i> 7354739	ENE/247.3	-1.20	<a href="#">62</a>
<a href="#">29</a>	EHS		1423 Earl Armstrong Rd Ottawa ON K1X1E5	NNE/249.3	-4.31	<a href="#">64</a>



# Executive Summary: Summary By Data Source

## **BORE - Borehole**

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

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	96.0	<a href="#"><u>11</u></a>
	ON	182.8	<a href="#"><u>21</u></a>

## **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 2 CA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
City of Ottawa	Limebank Road and Earl Armstrong Rd Ottawa ON	54.3	<a href="#"><u>7</u></a>
City of Ottawa	Limebank Road and Earl Armstrong Rd Ottawa ON	54.3	<a href="#"><u>7</u></a>

## **EASR - Environmental Activity and Sector Registry**

A search of the EASR database, dated Oct 2011- Nov 30, 2023 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
URBANDALE CORPORATION	1515 Earl Armstrong RD Ottawa ON K1X 1E5	142.1	<a href="#"><u>15</u></a>

## **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011- Nov 30, 2023 has found that there are 4 ECA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Riverside South Development Corp.	980 Earl Armstrong Rd Part of and 1420 Earl Armstrong Road Ottawa ON K1G 2H5	0.0	<a href="#"><u>5</u></a>
City of Ottawa	Limebank Road and Earl Armstrong Ottawa ON K1P 1J1	54.3	<a href="#"><u>7</u></a>
City of Ottawa	Limebank Road and Earl Armstrong Ottawa ON K2G 6J8	54.3	<a href="#"><u>7</u></a>
Urbandale Corporation	1515 Earl Armstrong Rd Ottawa ON K1G 2H5	142.1	<a href="#"><u>15</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Dec 31, 2023 has found that there are 9 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	980 Earl Armstrong Road Ottawa ON	0.0	<a href="#"><u>1</u></a>
	4630 Limebank Road Ottawa ON K1V 2K6	0.0	<a href="#"><u>2</u></a>
	Earl Armstrong Rd. and Limebank Rd. Ottawa ON	126.1	<a href="#"><u>14</u></a>
	1515 Earl Armstrong Road Gloucester ON K1X	143.9	<a href="#"><u>16</u></a>
	1515 Earl Armstrong Road Gloucester ON K1X	143.9	<a href="#"><u>16</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1515 Earl Armstrong Road Gloucester ON K1X	143.9	<a href="#">16</a>
	1515 Earl Armstrong Road Gloucester ON K1X	143.9	<a href="#">16</a>
	1420 Earl Armstrong Rd Ottawa ON K1X1E6	155.9	<a href="#">18</a>
	1423 Earl Armstrong Rd Ottawa ON K1X1E5	249.3	<a href="#">29</a>

### **HINC - TSSA Historic Incidents**

A search of the HINC database, dated 2006-June 2009\* has found that there are 2 HINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	250 CROISSANT EYE BRIGHT GLOUCESTER ON K1V 2K7	199.5	<a href="#">25</a>
	318 ROYAL FERN WAY GLOUCESTER ON K1V 2K7	231.4	<a href="#">26</a>

### **PINC - Pipeline Incidents**

A search of the PINC database, dated Feb 28, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	3795 Canyon Walk, Ottawa ON	114.8	<a href="#">12</a>

## **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Dec 2021; see description has found that there are 6 SPL site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	4630 Line Bank Road, Ottawa OTTAWA ON	0.0	<a href="#"><u>2</u></a>
	E of Earl Armstrong and Limebank Rds., Ottawa ON	0.0	<a href="#"><u>3</u></a>
	4608-4670 Limebank Rd. Ottawa ON	12.8	<a href="#"><u>6</u></a>
	Limebank Rd and Earl Armstrong Rd, Gloucester OTTAWA ON	54.3	<a href="#"><u>7</u></a>
SNC-Lavalin Constructors (Pacific) Inc.	Closest intersection is Earl Armstrong Rd and Limebank Rd Ottawa ON	54.3	<a href="#"><u>7</u></a>
	4689 Limebank Rd Gloucester ON	70.8	<a href="#"><u>8</u></a>

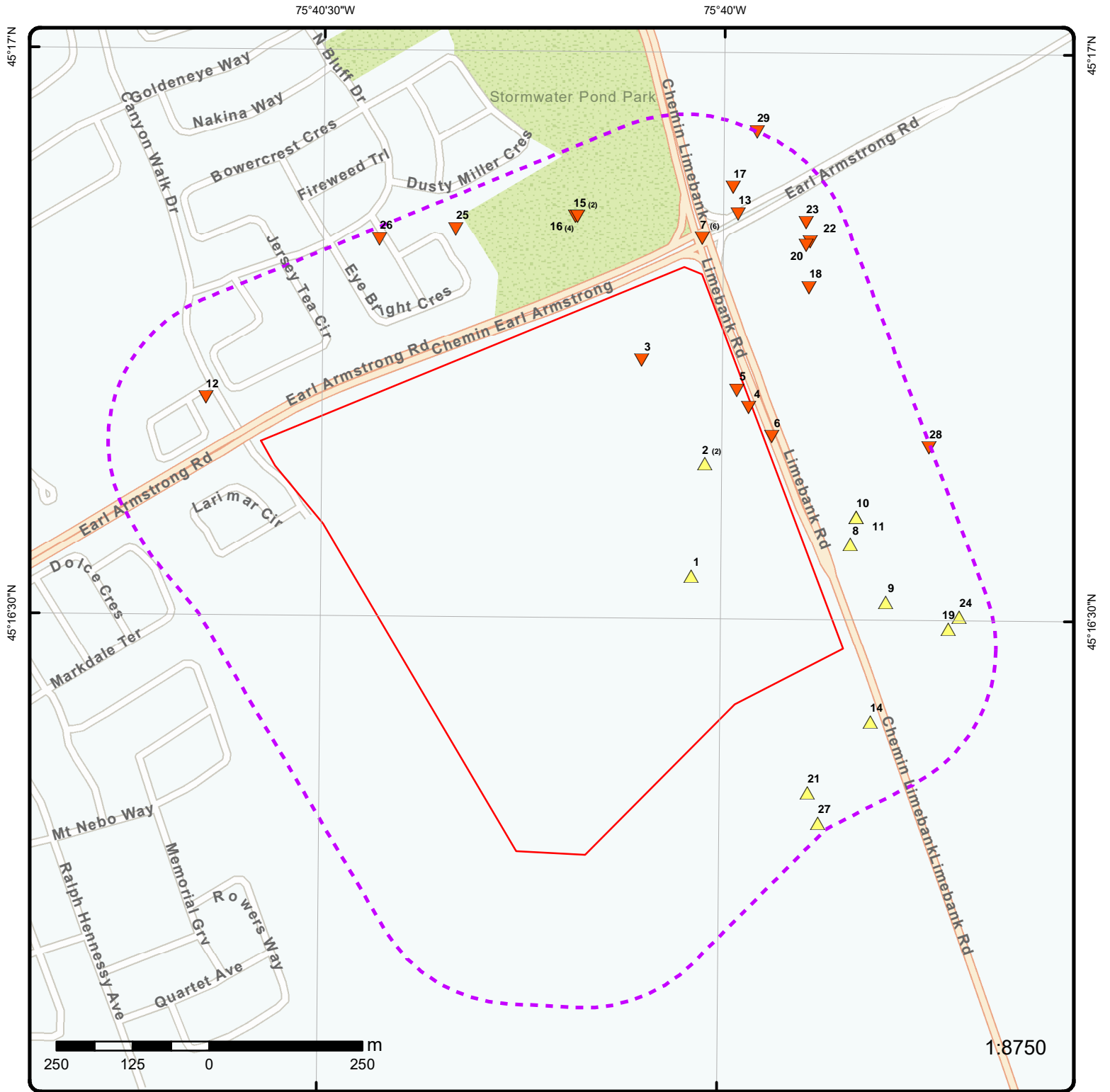
## **WWIS - Water Well Information System**

A search of the WWIS database, dated Mar 31 2023 has found that there are 12 WWIS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	Linebank rd/south of earl armstrong Ottawa ON  <i>Well ID: 7358310</i>	0.0	<a href="#"><u>4</u></a>
	lot 22 con 2 ON  <i>Well ID: 7338720</i>	92.1	<a href="#"><u>9</u></a>
	lot 22 con 2 ON	96.0	<a href="#"><u>10</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 1509616		
	1423 EARL ARMSTRONG RD GLOUCESTER ON	114.9	<a href="#">13</a>
	<i>Well ID:</i> 7160257		
	lot 20 con 2 ON	150.1	<a href="#">17</a>
	<i>Well ID:</i> 1519066		
	lot 22 con 2 ON	174.6	<a href="#">19</a>
	<i>Well ID:</i> 1514566		
	1420 EARL ARMSTONG lot 21 con 2 OTTAWA ON	175.8	<a href="#">20</a>
	<i>Well ID:</i> 7224166		
	1920 EARL ARMSTRONG OTTAWA ON	184.5	<a href="#">22</a>
	<i>Well ID:</i> 7224068		
	1420 EARL ARMSTONG OTTAWA ON	189.7	<a href="#">23</a>
	<i>Well ID:</i> 7224165		
	4755 Limebank Road lot 22 con 2 Ottawa ON	196.9	<a href="#">24</a>
	<i>Well ID:</i> 7418965		
	4776 LIMEBANK ROAD OTTAWA ON	233.7	<a href="#">27</a>
	<i>Well ID:</i> 1536769		
	limebank rd. Ottawa ON	247.3	<a href="#">28</a>
	<i>Well ID:</i> 7354739		





### Map: 0.25 Kilometer Radius

Order Number: 24012900333  
 Address: 980 Earl Armstrong Road, Ottawa, ON

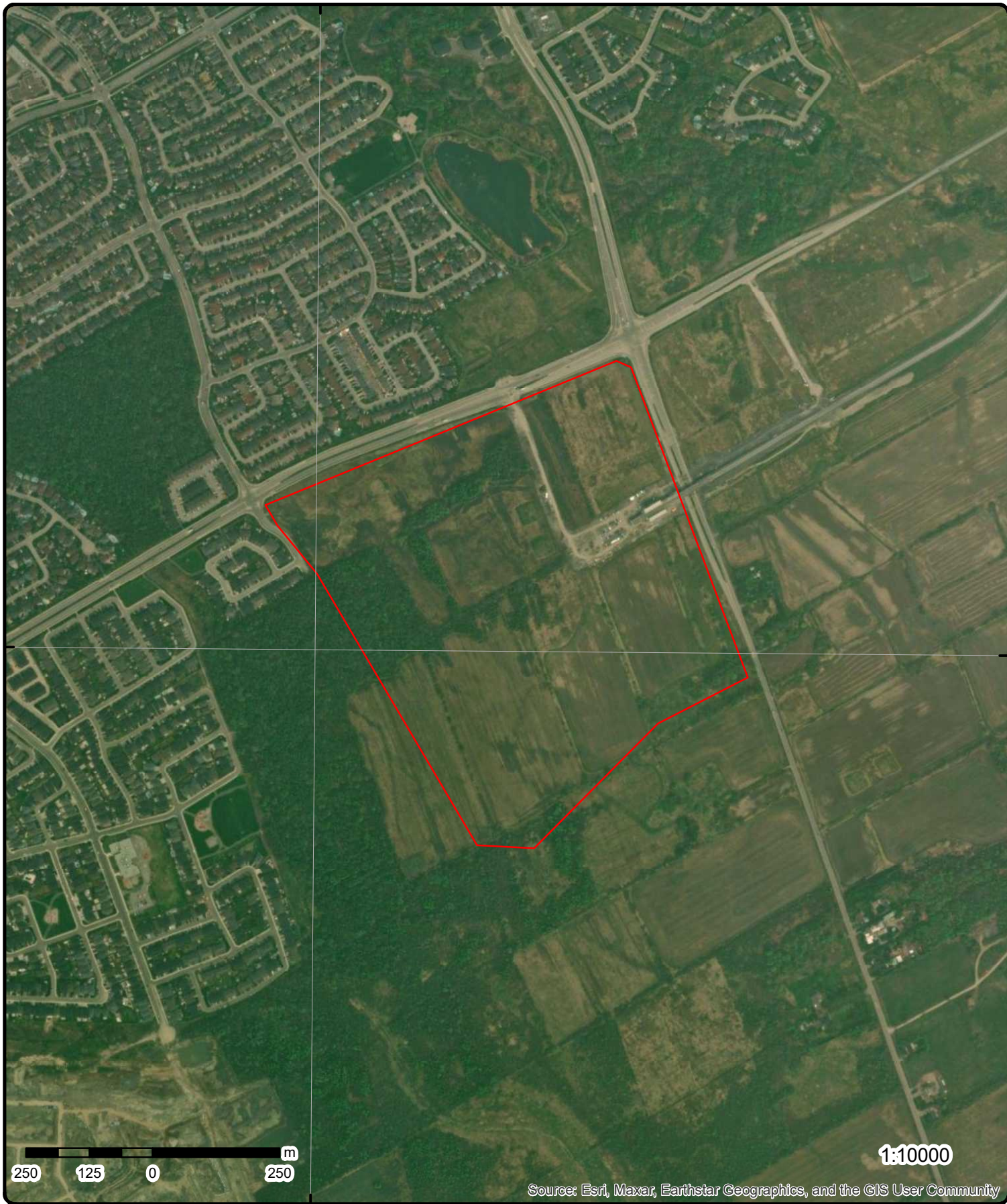


Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Park (National)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

75°40'30"W

45°16'30"N

45°16'30"N



250 125 0 250 m

1:10000

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

**Aerial** Year: 2023

Order Number: 24012900333

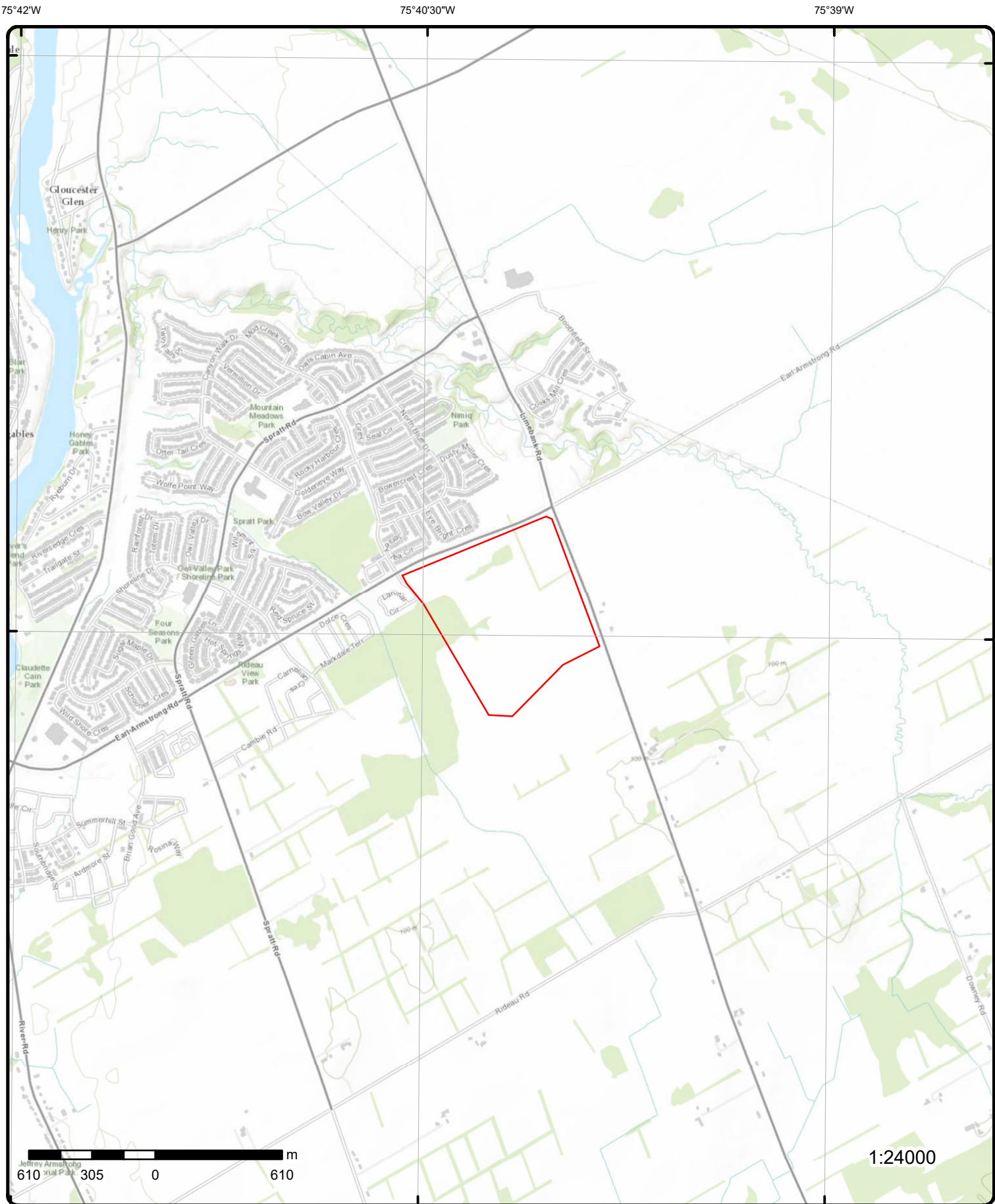
**Address: 980 Earl Armstrong Road, Ottawa, ON**



Source: ESRI World Imagery

© ERIS Information Limited Partnership





# Topographic Map

Address: 980 Earl Armstrong Road, ON

Source: ESRI World Topographic Map

Order Number: 24012900333



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p><u>1</u></p> <p><b>Order No:</b> 20161118097  <b>Status:</b> C  <b>Report Type:</b> Custom Report  <b>Report Date:</b> 25-NOV-16  <b>Date Received:</b> 18-NOV-16  <b>Previous Site Name:</b>  <b>Lot/Building Size:</b>  <b>Additional Info Ordered:</b></p>	<p>1 of 1</p>	<p>E/0.0</p>	<p>93.9 / 1.00</p>	<p>980 Earl Armstrong Road Ottawa ON</p> <p><b>Nearest Intersection:</b>  <b>Municipality:</b>  <b>Client Prov/State:</b> ON  <b>Search Radius (km):</b> .25  <b>X:</b> -75.667283  <b>Y:</b> 45.275623</p>	<p>EHS</p>
<p><u>2</u></p> <p><b>Ref No:</b> 1-1068QK  <b>Year:</b>  <b>Incident Dt:</b> 3/11/2022 10:00:00 AM  <b>Dt MOE Arvl on Scn:</b>  <b>MOE Reported Dt:</b> 3/11/2022 1:01:58 PM  <b>Dt Document Closed:</b> 3/22/2022 8:17:26 AM  <b>Site No:</b>  <b>Facility Name:</b>  <b>MOE Response:</b> Desktop Response  <b>Site County/District:</b>  <b>Site Geo Ref Meth:</b>  <b>Site District Office:</b> Ottawa District Office  <b>Nearest Watercourse:</b>  <b>Site Name:</b>  <b>Site Address:</b> 4630 Line Bank Road, Ottawa  <b>Site Region:</b>  <b>Site Municipality:</b> OTTAWA  <b>Site Lot:</b>  <b>Site Conc:</b>  <b>Site Geo Ref Accu:</b>  <b>Site Map Datum:</b>  <b>Northing:</b>  <b>Easting:</b>  <b>Incident Cause:</b>  <b>Incident Event:</b>  <b>Environment Impact:</b> 1 Minor Impact  <b>Nature of Impact:</b>  <b>Contaminant Qty:</b> 0 other - see notes  <b>System Facility Address:</b>  <b>Client Name:</b>  <b>Client Type:</b>  <b>Call Report Locatn Geodata:</b> {"integration_ids":["PR00004216896"],"wkts":["POINT (-75.6670199000 45.2772800000)"],"creation_date":"2022-03-11"}  <b>Contaminant Code:</b>  <b>Contaminant Name:</b> DIESEL FUEL  <b>Contaminant Limit 1:</b>  <b>Contam Limit Freq 1:</b>  <b>Contaminant UN No 1:</b>  <b>Receiving Medium:</b> Land</p>	<p>1 of 2</p>	<p>ENE/0.0</p>	<p>93.9 / 1.03</p>	<p>4630 Line Bank Road, Ottawa OTTAWA ON</p> <p><b>Municipality No:</b>  <b>Nature of Damage:</b>  <b>Discharger Report:</b>  <b>Material Group:</b>  <b>Health/Env Conseq:</b> 0 No Impact  <b>Agency Involved:</b></p>	<p>SPL</p>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Receiving Environment:</b>					
<b>Incident Reason:</b>					
<b>Incident Summary:</b> Pomerlau -1/2L Diesel Spill, Cleaned					
<b>Activity Preceding Spill:</b>					
<b>Property 2nd Watershed:</b> Lower Ottawa					
<b>Property Tertiary Watershed:</b> 02LA-Rideau					
<b>Sector Type:</b>					
<b>SAC Action Class:</b>					
<b>Source Type:</b>					
<u>2</u>	2 of 2	ENE/0.0	93.9 / 1.03	4630 Limebank Road Ottawa ON K1V 2K6	EHS
<b>Order No:</b> 23103000567					
<b>Status:</b> C					
<b>Report Type:</b> Custom Report					
<b>Report Date:</b> 02-NOV-23					
<b>Date Received:</b> 30-OCT-23					
<b>Previous Site Name:</b>					
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans; Topographic Maps; City Directory; Aerial Photos					
<u>3</u>	1 of 1	NNE/0.0	91.9 / -1.00	E of Earl Armstrong and Limebank Rds., Ottawa ON	SPL
<b>Ref No:</b> 1-1CWX23					
<b>Year:</b>					
<b>Incident Dt:</b> 10/27/2021 12:00:00 PM					
<b>Dt MOE Arvl on Scn:</b>					
<b>MOE Reported Dt:</b> 10/27/2021 12:33:36 PM					
<b>Dt Document Closed:</b> 11/4/2021 2:22:55 PM					
<b>Site No:</b>					
<b>Facility Name:</b>					
<b>MOE Response:</b> Desktop Response					
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Site District Office:</b> Ottawa District Office					
<b>Nearest Watercourse:</b>					
<b>Site Name:</b>					
<b>Site Address:</b> E of Earl Armstrong and Limebank Rds., Ottawa					
<b>Site Region:</b>					
<b>Site Municipality:</b> OTTAWA					
<b>Site Lot:</b>					
<b>Site Conc:</b>					
<b>Site Geo Ref Accu:</b>					
<b>Site Map Datum:</b>					
<b>Northing:</b>					
<b>Easting:</b>					
<b>Incident Cause:</b>					
<b>Incident Event:</b>					
<b>Environment Impact:</b> 0 No Impact					
<b>Nature of Impact:</b>					
<b>Contaminant Qty:</b> 2 litre (L)					
<b>System Facility Address:</b>					
<b>Client Name:</b>					
<b>Client Type:</b>					
<b>Call Report Locatn Geodata:</b> {"integration_ids":["PR00004300250"],"wkts":["POINT (-75.6683429645 45.2787930608)"],"creation_date":"2021-10-27"}					
<b>Contaminant Code:</b>					
<b>Contaminant Name:</b> HYDRAULIC OIL					
<b>Contaminant Limit 1:</b>					
<b>Contam Limit Freq 1:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contaminant UN No 1:</b>					
<b>Receiving Medium:</b>		Land			
<b>Receiving Environment:</b>					
<b>Incident Reason:</b>					
<b>Incident Summary:</b>		2L Hydraulic Fluid Spill, LRT, Ottawa			
<b>Activity Preceding Spill:</b>					
<b>Property 2nd Watershed:</b>		Lower Ottawa			
<b>Property Tertiary Watershed:</b>		02LA-Rideau			
<b>Sector Type:</b>					
<b>SAC Action Class:</b>					
<b>Source Type:</b>					

<u>4</u>	1 of 1	ENE/0.0	92.8 / -0.05	Linebank rd/south of earl armstrong Ottawa ON	WWIS
<b>Well ID:</b>		7358310		<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>				<b>Flow Rate:</b>	
<b>Use 1st:</b>				<b>Data Entry Status:</b>	
<b>Use 2nd:</b>				<b>Data Src:</b>	
<b>Final Well Status:</b>		Abandoned-Other		<b>Date Received:</b> 05/15/2020	
<b>Water Type:</b>				<b>Selected Flag:</b> TRUE	
<b>Casing Material:</b>				<b>Abandonment Rec:</b> Yes	
<b>Audit No:</b>		Z334183		<b>Contractor:</b> 7659	
<b>Tag:</b>				<b>Form Version:</b> 7	
<b>Constructn Method:</b>				<b>Owner:</b>	
<b>Elevation (m):</b>				<b>County:</b> OTTAWA-CARLETON	
<b>Elevatn Reliabilty:</b>				<b>Lot:</b>	
<b>Depth to Bedrock:</b>				<b>Concession:</b>	
<b>Well Depth:</b>				<b>Concession Name:</b>	
<b>Overburden/Bedrock:</b>				<b>Easting NAD83:</b>	
<b>Pump Rate:</b>				<b>Northing NAD83:</b>	
<b>Static Water Level:</b>				<b>Zone:</b>	
<b>Clear/Cloudy:</b>				<b>UTM Reliability:</b>	
<b>Municipality:</b>		GLOUCESTER TOWNSHIP			
<b>Site Info:</b>					

PDF URL (Map):

**Additional Detail(s) (Map)**

**Well Completed Date:** 03/16/2020  
**Year Completed:** 2020  
**Depth (m):**  
**Latitude:** 45.2781060303946  
**Longitude:** -75.6661092927153  
**Path:**

**Bore Hole Information**

<b>Bore Hole ID:</b>	1008282486	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	447755.00
<b>Code OB Desc:</b>		<b>North83:</b>	5014061.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	03/16/2020	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Loc Method Desc:</b>	on Water Well Record		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 1008388282  
Layer: 1  
Plug From: 0.0  
Plug To: 40.0  
Plug Depth UOM: ft

**Pipe Information**

Pipe ID: 1008386165  
Casing No: 0  
Comment:  
Alt Name:

**Results of Well Yield Testing**

Pumping Test Method Desc:  
Pump Test ID: 1008390721  
Pump Set At:  
Static Level:  
Final Level After Pumping:  
Recommended Pump Depth:  
Pumping Rate:  
Flowing Rate:  
Recommended Pump Rate:  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code:  
Water State After Test:  
Pumping Test Method: 0  
Pumping Duration HR:  
Pumping Duration MIN:  
Flowing:

**Links**

Bore Hole ID:	1008282486	Tag No:	
Depth M:		Contractor:	7659
Year Completed:	2020	Latitude:	45.2781060303946
Well Completed Dt:	03/16/2020	Longitude:	-75.6661092927153
Audit No:	Z334183	Y:	45.27810602311328
Path:		X:	-75.66610913143063

<a href="#">5</a>	1 of 1	NE/0.0	92.2 / -0.69	Riverside South Development Corp. 980 Earl Armstrong Rd Part of and 1420 Earl Armstrong Road Ottawa ON K1G 2H5	ECA
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Approval No:	0965-A7HJ9E	MOE District:	
Approval Date:	2016-03-13	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		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
<b>Project Type:</b> <b>Business Name:</b> <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b> <b>PDF Site Location:</b>		MUNICIPAL AND PRIVATE SEWAGE WORKS Riverside South Development Corp. 980 Earl Armstrong Rd Part of and 1420 Earl Armstrong Road https://www.accessenvironment.ene.gov.on.ca/instruments/6616-A79RGP-14.pdf				
<a href="#">6</a>	1 of 1	ENE/12.8	92.8 / -0.04	4608-4670 Limebank Rd. Ottawa ON	SPL	
<b>Ref No:</b> <b>Year:</b> <b>Incident Dt:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> <b>Dt Document Closed:</b> <b>Site No:</b> <b>Facility Name:</b> <b>MOE Response:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Site District Office:</b> <b>Nearest Watercourse:</b> <b>Site Name:</b> <b>Site Address:</b> <b>Site Region:</b> <b>Site Municipality:</b> <b>Site Lot:</b> <b>Site Conc:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>Northing:</b> <b>Easting:</b> <b>Incident Cause:</b> <b>Incident Event:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Contaminant Qty:</b> <b>System Facility Address:</b> <b>Client Name:</b> <b>Client Type:</b> <b>Call Report Locatn Geodata:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Receiving Medium:</b> <b>Receiving Environment:</b> <b>Incident Reason:</b> <b>Incident Summary:</b> <b>Activity Preceding Spill:</b> <b>Property 2nd Watershed:</b> <b>Property Tertiary Watershed:</b> <b>Sector Type:</b> <b>SAC Action Class:</b> <b>Source Type:</b>		0787-BPHPSM 2020/05/11 2020/05/11 2020/07/17 NA No Ottawa spill<UNOFFICIAL> 4608-4670 Limebank Rd. Eastern Ottawa NAD83 5014356.58 447665.91 Leak/Break 5 L n/a Land Material Failure - Poor Design/Substandard Material SNC-Lavalin: ~5L hydraulic oil to gravel/no impacts/cleaned Unknown / N/A Land Spills Valve/Fitting/Piping		<b>Municipality No:</b> <b>Nature of Damage:</b> <b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Agency Involved:</b>		2 - Minor Environment
<a href="#">7</a>	1 of 6	NNE/54.3	91.6 / -1.31	City of Ottawa Limebank Road and Earl Armstrong Rd Ottawa ON	CA	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Certificate #:</b> 0357-882LG7 <b>Application Year:</b> 2010 <b>Issue Date:</b> 8/20/2010 <b>Approval Type:</b> Municipal and Private Sewage Works <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">7</a>	2 of 6	NNE/54.3	91.6 / -1.31	City of Ottawa Limebank Road and Earl Armstrong Rd Ottawa ON	CA
<b>Certificate #:</b> 2134-83GL8H <b>Application Year:</b> 2010 <b>Issue Date:</b> 3/15/2010 <b>Approval Type:</b> Municipal and Private Sewage Works <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">7</a>	3 of 6	NNE/54.3	91.6 / -1.31	City of Ottawa Limebank Road and Earl Armstrong Ottawa ON K1P 1J1	ECA
<b>Approval No:</b> 0357-882LG7 <b>Approval Date:</b> 2010-08-20 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Rideau Valley <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Business Name:</b> City of Ottawa <b>Address:</b> Limebank Road and Earl Armstrong <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/8659-874HRR-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/8659-874HRR-14.pdf</a> <b>PDF Site Location:</b>					
<a href="#">7</a>	4 of 6	NNE/54.3	91.6 / -1.31	City of Ottawa Limebank Road and Earl Armstrong Ottawa ON K2G 6J8	ECA
<b>Approval No:</b> 2134-83GL8H <b>Approval Date:</b> 2010-03-15 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Rideau Valley <b>MOE District:</b> Ottawa <b>City:</b> <b>Longitude:</b> -75.6776 <b>Latitude:</b> 45.275 <b>Geometry X:</b> <b>Geometry Y:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval Type:</b>		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS			
<b>Project Type:</b>		MUNICIPAL AND PRIVATE SEWAGE WORKS			
<b>Business Name:</b>		City of Ottawa			
<b>Address:</b>		Limebank Road and Earl Armstrong			
<b>Full Address:</b>					
<b>Full PDF Link:</b>		<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/6561-83ESF5-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/6561-83ESF5-14.pdf</a>			
<b>PDF Site Location:</b>					

7	5 of 6	NNE/54.3	91.6 / -1.31	SNC-Lavalin Constructors (Pacific) Inc. Closest intersection is Earl Armstrong Rd and Limebank Rd Ottawa ON	SPL
<b>Ref No:</b>	0124-BQLQYE			<b>Municipality No:</b>	
<b>Year:</b>				<b>Nature of Damage:</b>	
<b>Incident Dt:</b>	2020/06/15			<b>Discharger Report:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Material Group:</b>	2 - Minor Environment
<b>MOE Reported Dt:</b>	2020/06/15			<b>Health/Env Conseq:</b>	
<b>Dt Document Closed:</b>	2020/07/17			<b>Agency Involved:</b>	
<b>Site No:</b>	NA				
<b>Facility Name:</b>					
<b>MOE Response:</b>	No				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Site District Office:</b>	Ottawa				
<b>Nearest Watercourse:</b>					
<b>Site Name:</b>	SNC Lavalin <UNOFFICIAL>				
<b>Site Address:</b>	Closest intersection is Earl Armstrong Rd and Limebank Rd				
<b>Site Region:</b>	Eastern				
<b>Site Municipality:</b>	Ottawa				
<b>Site Lot:</b>					
<b>Site Conc:</b>					
<b>Site Geo Ref Accu:</b>					
<b>Site Map Datum:</b>					
<b>Northing:</b>	5014341				
<b>Easting:</b>	447684				
<b>Incident Cause:</b>					
<b>Incident Event:</b>	Leak/Break				
<b>Environment Impact:</b>					
<b>Nature of Impact:</b>					
<b>Contaminant Qty:</b>	0.5 L				
<b>System Facility Address:</b>					
<b>Client Name:</b>	SNC-Lavalin Constructors (Pacific) Inc.				
<b>Client Type:</b>	Corporation				
<b>Call Report Locatn Geodata:</b>					
<b>Contaminant Code:</b>	15				
<b>Contaminant Name:</b>	ENGINE OIL				
<b>Contaminant Limit 1:</b>					
<b>Contam Limit Freq 1:</b>	n/a				
<b>Contaminant UN No 1:</b>	1993				
<b>Receiving Medium:</b>					
<b>Receiving Environment:</b>	Land				
<b>Incident Reason:</b>	Material Failure - Poor Design/Substandard Material				
<b>Incident Summary:</b>	SNC Lavalin: engine oil to grvl. clnd 0.5 L				
<b>Activity Preceding Spill:</b>					
<b>Property 2nd Watershed:</b>					
<b>Property Tertiary Watershed:</b>					
<b>Sector Type:</b>	Miscellaneous Communal				
<b>SAC Action Class:</b>	Land Spills				
<b>Source Type:</b>	Motor Vehicle				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>7</u>	6 of 6	NNE/54.3	91.6 / -1.31	Limebank Rd and Earl Armstrong Rd, Gloucester OTTAWA ON	SPL
<p><b>Ref No:</b> 1-WADRB <b>Municipality No:</b></p> <p><b>Year:</b> <b>Nature of Damage:</b></p> <p><b>Incident Dt:</b> 7/8/2021 6:00:00 AM <b>Discharger Report:</b></p> <p><b>Dt MOE Arvl on Scn:</b> <b>Material Group:</b></p> <p><b>MOE Reported Dt:</b> 7/13/2021 9:37:30 AM <b>Health/Env Conseq:</b> 0 No Impact</p> <p><b>Dt Document Closed:</b> 7/16/2021 9:10:28 AM <b>Agency Involved:</b></p> <p><b>Site No:</b></p> <p><b>Facility Name:</b></p> <p><b>MOE Response:</b> Desktop Response</p> <p><b>Site County/District:</b></p> <p><b>Site Geo Ref Meth:</b></p> <p><b>Site District Office:</b> Ottawa District Office</p> <p><b>Nearest Watercourse:</b></p> <p><b>Site Name:</b></p> <p><b>Site Address:</b> Limebank Rd and Earl Armstrong Rd, Gloucester</p> <p><b>Site Region:</b></p> <p><b>Site Municipality:</b> OTTAWA</p> <p><b>Site Lot:</b></p> <p><b>Site Conc:</b></p> <p><b>Site Geo Ref Accu:</b></p> <p><b>Site Map Datum:</b></p> <p><b>Northing:</b></p> <p><b>Easting:</b></p> <p><b>Incident Cause:</b></p> <p><b>Incident Event:</b> Unknown / N/A</p> <p><b>Environment Impact:</b> 0 No Impact</p> <p><b>Nature of Impact:</b></p> <p><b>Contaminant Qty:</b> 1 litre (L)</p> <p><b>System Facility Address:</b></p> <p><b>Client Name:</b></p> <p><b>Client Type:</b></p> <p><b>Call Report Locatn Geodata:</b> {"integration_ids":["PR00004333458"],"wkts":["POINT (-75.6670126000 45.2805732000)","creation_date":"2021-07-13"}</p> <p><b>Contaminant Code:</b></p> <p><b>Contaminant Name:</b> OIL AND GREASE; VEGETABLE</p> <p><b>Contaminant Limit 1:</b></p> <p><b>Contam Limit Freq 1:</b></p> <p><b>Contaminant UN No 1:</b></p> <p><b>Receiving Medium:</b> Land</p> <p><b>Receiving Environment:</b></p> <p><b>Incident Reason:</b> Unknown</p> <p><b>Incident Summary:</b> RW Tomlinson: 1 L form oil on gravel, cleaned up</p> <p><b>Activity Preceding Spill:</b> Transportation</p> <p><b>Property 2nd Watershed:</b> Lower Ottawa</p> <p><b>Property Tertiary Watershed:</b> 02LA-Rideau</p> <p><b>Sector Type:</b> INDUSTRIAL BUILDING AND STRUCTURE CONSTRUCTION</p> <p><b>SAC Action Class:</b></p> <p><b>Source Type:</b> Container/Drum/Tote</p>					

<u>8</u>	1 of 1	E/70.8	94.4 / 1.54	4689 Limebank Rd Gloucester ON	SPL
<p><b>Ref No:</b> 1-1TPD7Q <b>Municipality No:</b></p> <p><b>Year:</b> <b>Nature of Damage:</b></p> <p><b>Incident Dt:</b> 5/25/2022 11:00:00 PM <b>Discharger Report:</b></p> <p><b>Dt MOE Arvl on Scn:</b> <b>Material Group:</b></p> <p><b>MOE Reported Dt:</b> 5/30/2022 10:36:00 AM <b>Health/Env Conseq:</b> 0 No Impact</p> <p><b>Dt Document Closed:</b> 5/30/2022 1:58:52 PM <b>Agency Involved:</b></p> <p><b>Site No:</b></p> <p><b>Facility Name:</b></p>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MOE Response:		Desktop Response			
Site County/District:					
Site Geo Ref Meth:					
Site District Office:		Ottawa District Office			
Nearest Watercourse:					
Site Name:					
Site Address:		4689 Limebank Rd Gloucester			
Site Region:					
Site Municipality:					
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Incident Cause:					
Incident Event:					
Environment Impact:		0 No Impact			
Nature of Impact:					
Contaminant Qty:		1 litre (L)			
System Facility Address:					
Client Name:		R. W. TOMLINSON			
Client Type:		Private Business			
Call Report Locatn Geodata:		{"integration_ids":["PR00004294818"],"wks":["POINT (-75.6640520000 45.2760488000)","creation_date":"2022-05-30"}			
Contaminant Code:					
Contaminant Name:		FUEL OIL			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:					
Receiving Environment:					
Incident Reason:					
Incident Summary:		Spill 1L diesel - Ottawa Light Rail Project - cleaned			
Activity Preceding Spill:					
Property 2nd Watershed:		Lower Ottawa			
Property Tertiary Watershed:					
Sector Type:					
SAC Action Class:					
Source Type:					

<u>9</u>	1 of 1	E/92.1	94.9 / 1.98	lot 22 con 2 ON	WWIS
Well ID:		7338720			
Construction Date:					
Use 1st:					
Use 2nd:					
Final Well Status:		Abandoned-Other			
Water Type:					
Casing Material:					
Audit No:		Z256664			
Tag:					
Constructn Method:					
Elevation (m):					
Elevatn Reliabilty:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Clear/Cloudy:					
Municipality:		GLOUCESTER TOWNSHIP			
Site Info:					
Flowing (Y/N):					
Flow Rate:					
Data Entry Status:					
Data Src:					
Date Received:		08/02/2019			
Selected Flag:		TRUE			
Abandonment Rec:		Yes			
Contractor:		1558			
Form Version:		7			
Owner:					
County:		OTTAWA-CARLETON			
Lot:		022			
Concession:		02			
Concession Name:		RF			
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
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**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/733\7338720.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/733\7338720.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 11/22/2018  
**Year Completed:** 2018  
**Depth (m):**  
**Latitude:** 45.2752603687678  
**Longitude:** -75.6632202026901  
**Path:** 733\7338720.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	1007586394	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	447979.00
<b>Code OB Desc:</b>		<b>North83:</b>	5013743.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	11/22/2018	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Loc Method Desc:</b>	on Water Well Record		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 1008121407  
**Layer:**  
**Color:**  
**General Color:**  
**Mat1:**  
**Most Common Material:**  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:**  
**Formation End Depth:**  
**Formation End Depth UOM:** m

**Method of Construction & Well  
Use**

**Method Construction ID:** 1008121412  
**Method Construction Code:**  
**Method Construction:**  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 1008121406  
**Casing No:** 0  
**Comment:**  
**Alt Name:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Construction Record - Casing**

Casing ID: 1008121410  
 Layer:  
 Material:  
 Open Hole or Material:  
 Depth From:  
 Depth To:  
 Casing Diameter:  
 Casing Diameter UOM: cm  
 Casing Depth UOM: m

**Construction Record - Screen**

Screen ID: 1008121411  
 Layer:  
 Slot:  
 Screen Top Depth:  
 Screen End Depth:  
 Screen Material:  
 Screen Depth UOM: m  
 Screen Diameter UOM: cm  
 Screen Diameter:

**Water Details**

Water ID: 1008121409  
 Layer:  
 Kind Code:  
 Kind:  
 Water Found Depth:  
 Water Found Depth UOM: m

**Hole Diameter**

Hole ID: 1008121408  
 Diameter:  
 Depth From:  
 Depth To:  
 Hole Depth UOM: m  
 Hole Diameter UOM: cm

**Links**

Bore Hole ID: 1007586394  
 Depth M:  
 Year Completed: 2018  
 Well Completed Dt: 11/22/2018  
 Audit No: Z256664  
 Path: 733\7338720.pdf

Tag No:  
 Contractor: 1558  
 Latitude: 45.2752603687678  
 Longitude: -75.6632202026901  
 Y: 45.27526036174051  
 X: -75.66322004197686

[10](#) 1 of 1 E/96.0 93.6 / 0.69 lot 22 con 2 ON [WWIS](#)

Well ID: 1509616  
 Construction Date:  
 Use 1st: Domestic  
 Use 2nd: 0  
 Final Well Status: Water Supply  
 Water Type:

Flowing (Y/N):  
 Flow Rate:  
 Data Entry Status:  
 Data Src: 1  
 Date Received: 10/17/1968  
 Selected Flag: TRUE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Constructn Method:</b> <b>Elevation (m):</b> <b>Elevatn Reliabilty:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Clear/Cloudy:</b> <b>Municipality:</b> <b>Site Info:</b>		<b>Abandonment Rec:</b> <b>Contractor:</b> 1801 <b>Form Version:</b> 1 <b>Owner:</b> <b>County:</b> OTTAWA-CARLETON <b>Lot:</b> 022 <b>Concession:</b> 02 <b>Concession Name:</b> RF <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>			
		GLOUCESTER TOWNSHIP			
<b>PDF URL (Map):</b>		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509616.pdf			
<b><u>Additional Detail(s) (Map)</u></b>					
<b>Well Completed Date:</b>		09/11/1968			
<b>Year Completed:</b>		1968			
<b>Depth (m):</b>		40.8432			
<b>Latitude:</b>		45.2765079219691			
<b>Longitude:</b>		-75.6638492552751			
<b>Path:</b>		150\1509616.pdf			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>		10031648		<b>Elevation:</b>	
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b> 18	
<b>Code OB:</b>				<b>East83:</b> 447930.80	
<b>Code OB Desc:</b>				<b>North83:</b> 5013882.00	
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b> 4	
<b>Date Completed:</b>		09/11/1968		<b>UTMRC Desc:</b> margin of error : 30 m - 100 m	
<b>Remarks:</b>				<b>Location Method:</b> p4	
<b>Loc Method Desc:</b>		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931012578			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>		09			
<b>Mat2 Desc:</b>		MEDIUM SAND			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		52.0			
<b>Formation End Depth:</b>		134.0			
<b>Formation End Depth UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931012577			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		09			
<b>Mat2 Desc:</b>		MEDIUM SAND			
<b>Mat3:</b>		13			
<b>Mat3 Desc:</b>		BOULDERS			
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		52.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961509616			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10580218			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930055941			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		134.0			
<b>Casing Diameter:</b>		2.0			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930055940			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		57.0			
<b>Casing Diameter:</b>		2.0			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pumping Test Method Desc:</b>		PUMP			
<b>Pump Test ID:</b>		991509616			
<b>Pump Set At:</b>					
<b>Static Level:</b>		9.0			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Final Level After Pumping:</b>		35.0			
<b>Recommended Pump Depth:</b>		35.0			
<b>Pumping Rate:</b>		200.0			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		200.0			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		2			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			

**Water Details**

**Water ID:** 933464492  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 123.0  
**Water Found Depth UOM:** ft

**Links**

<b>Bore Hole ID:</b>	10031648	<b>Tag No:</b>	
<b>Depth M:</b>	40.8432	<b>Contractor:</b>	1801
<b>Year Completed:</b>	1968	<b>Latitude:</b>	45.2765079219691
<b>Well Completed Dt:</b>	09/11/1968	<b>Longitude:</b>	-75.6638492552751
<b>Audit No:</b>		<b>Y:</b>	45.276507914677154
<b>Path:</b>	150\1509616.pdf	<b>X:</b>	-75.66384909322947

11      1 of 1      E/96.0      93.6 / 0.69      ON      BORE

<b>Borehole ID:</b>	612080	<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215513390	<b>SP Status:</b>	Initial Entry
<b>Status:</b>		<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole	<b>Piezometer:</b>	No
<b>Use:</b>		<b>Primary Name:</b>	
<b>Completion Date:</b>	SEP-1968	<b>Municipality:</b>	
<b>Static Water Level:</b>	-2.1	<b>Lot:</b>	
<b>Primary Water Use:</b>		<b>Township:</b>	
<b>Sec. Water Use:</b>		<b>Latitude DD:</b>	45.276508
<b>Total Depth m:</b>	40.8	<b>Longitude DD:</b>	-75.663849
<b>Depth Ref:</b>	Ground Surface	<b>UTM Zone:</b>	18
<b>Depth Elev:</b>		<b>Easting:</b>	447931
<b>Drill Method:</b>		<b>Northing:</b>	5013882
<b>Orig Ground Elev m:</b>	93.9	<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>		<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	93.6		
<b>Concession:</b>			
<b>Location D:</b>			
<b>Survey D:</b>			
<b>Comments:</b>			

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218390009	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	15.8	<b>Material Texture:</b>	
<b>Material Color:</b>		<b>Non Geo Mat Type:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Boulders			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SAND,BOULDERS.				
<b>Geology Stratum ID:</b>	218390010			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	15.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	40.8			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Limestone			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	LIMESTONE,SAND. 00123DROCK,LIMESTONE. T 315.0 FEET.75SEISMIC VELOCITY = 17000. BE **Note:				
	Many records provided by the department have a truncated [Stratum Description] field.				
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>				<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA1.txt RecordID: 04588 NTS_Sheet:				
<b>Confiden 1:</b>					
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>12</b>	<b>1 of 1</b>	<b>WNW/114.8</b>	<b>90.9 / -2.00</b>	<b>3795 Canyon Walk, Ottawa ON</b>	<b>PINC</b>
<b>Incident Id:</b>	2697796			<b>Pipe Material:</b>	
<b>Incident No:</b>	541338			<b>Fuel Category:</b>	Natural Gas
<b>Incident Reported Dt:</b>				<b>Health Impact:</b>	No
<b>Type:</b>	FS-Pipeline Incident			<b>Environment Impact:</b>	No
<b>Status Code:</b>	Pipeline Damage Reason Est			<b>Property Damage:</b>	Yes
<b>Tank Status:</b>	RC Established			<b>Service Interrupt:</b>	No
<b>Task No:</b>	3247910			<b>Enforce Policy:</b>	Yes
<b>Spills Action Centre:</b>				<b>Public Relation:</b>	No
<b>Fuel Type:</b>	Natural Gas			<b>Pipeline System:</b>	
<b>Fuel Occurrence Tp:</b>	Pipeline Strike			<b>PSIG:</b>	
<b>Date of Occurrence:</b>	3/1/2011 0:00			<b>Attribute Category:</b>	FS-Perform P-line Inc Invest
<b>Occurrence Start Dt:</b>	2011/03/01			<b>Regulator Location:</b>	
<b>Depth:</b>				<b>Method Details:</b>	E-mail
<b>Customer Acct Name:</b>					
<b>Incident Address:</b>					
<b>Operation Type:</b>	Construction Site (pipeline strike)				
<b>Pipeline Type:</b>					
<b>Regulator Type:</b>					
<b>Summary:</b>	3795 Canyon Walk, Ottawa - Pipeline Hit				
<b>Reported By:</b>	Guy Castagne - TSSA				
<b>Affiliation:</b>	Safety Authorities (MOL, ESA, Insurers, etc.)				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Occurrence Desc:</b>		While contractor took precautions to avoid hitting gas while digging through frozen ground, the locates were out of date.			
<b>Damage Reason:</b>		Excavation practices not sufficient			
<b>Notes:</b>					

<u>13</u>	1 of 1	NE/114.9	91.9 / -1.00	1423 EARL ARMSTRONG RD GLOUCESTER ON	WWIS
<b>Well ID:</b>	7160257			<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>				<b>Flow Rate:</b>	
<b>Use 1st:</b>				<b>Data Entry Status:</b>	
<b>Use 2nd:</b>				<b>Data Src:</b>	
<b>Final Well Status:</b>	Abandoned-Other			<b>Date Received:</b>	03/11/2011
<b>Water Type:</b>				<b>Selected Flag:</b>	TRUE
<b>Casing Material:</b>				<b>Abandonment Rec:</b>	Yes
<b>Audit No:</b>	Z119913			<b>Contractor:</b>	1119
<b>Tag:</b>				<b>Form Version:</b>	7
<b>Constructn Method:</b>				<b>Owner:</b>	
<b>Elevation (m):</b>				<b>County:</b>	OTTAWA-CARLETON
<b>Elevatn Reliability:</b>				<b>Lot:</b>	
<b>Depth to Bedrock:</b>				<b>Concession:</b>	
<b>Well Depth:</b>				<b>Concession Name:</b>	
<b>Overburden/Bedrock:</b>				<b>Easting NAD83:</b>	
<b>Pump Rate:</b>				<b>Northing NAD83:</b>	
<b>Static Water Level:</b>				<b>Zone:</b>	
<b>Clear/Cloudy:</b>				<b>UTM Reliability:</b>	
<b>Municipality:</b>	GLOUCESTER TOWNSHIP				
<b>Site Info:</b>					
<b>PDF URL (Map):</b>	<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7160257.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7160257.pdf</a>				

**Additional Detail(s) (Map)**

<b>Well Completed Date:</b>	02/23/2011
<b>Year Completed:</b>	2011
<b>Depth (m):</b>	
<b>Latitude:</b>	45.2809580434948
<b>Longitude:</b>	-75.6663594219965
<b>Path:</b>	716\7160257.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	1003484943	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	447738.00
<b>Code OB Desc:</b>		<b>North83:</b>	5014378.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	02/23/2011	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	gis
<b>Loc Method Desc:</b>	from gis		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Annular Space/Abandonment  
Sealing Record**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Plug ID:</b>		1003800828			
<b>Layer:</b>		1			
<b>Plug From:</b>		0.0			
<b>Plug To:</b>		5.0			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1003800829			
<b>Layer:</b>		2			
<b>Plug From:</b>		5.0			
<b>Plug To:</b>		57.0			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1003800826			
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1003800820			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1003800824			
<b>Layer:</b>					
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1003800825			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>					
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1003800823			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		m			
<b>Hole Diameter</b>					
<b>Hole ID:</b>		1003800822			
<b>Diameter:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
<b>Links</b>					
<b>Bore Hole ID:</b>		1003484943		<b>Tag No:</b>	
<b>Depth M:</b>				<b>Contractor:</b> 1119	
<b>Year Completed:</b>		2011		<b>Latitude:</b> 45.2809580434948	
<b>Well Completed Dt:</b>		02/23/2011		<b>Longitude:</b> -75.6663594219965	
<b>Audit No:</b>		Z119913		<b>Y:</b> 45.28095803568345	
<b>Path:</b>		716\7160257.pdf		<b>X:</b> -75.66635926071046	
<a href="#">14</a>	1 of 1	ESE/126.1	96.9 / 4.00	Earl Armstrong Rd. and Limebank Rd. Ottawa ON	EHS
<b>Order No:</b>		20100506008		<b>Nearest Intersection:</b> Earl Armstrong Rd. and Limebank Rd.	
<b>Status:</b>		C		<b>Municipality:</b> Ottawa	
<b>Report Type:</b>		Custom Report		<b>Client Prov/State:</b> ON	
<b>Report Date:</b>		5/14/2010		<b>Search Radius (km):</b> 0.25	
<b>Date Received:</b>		5/6/2010		<b>X:</b> -75.663527	
<b>Previous Site Name:</b>				<b>Y:</b> 45.273504	
<b>Lot/Building Size:</b>		See attached Map			
<b>Additional Info Ordered:</b>		Fire Insur. Maps and/or Site Plans			
<a href="#">15</a>	1 of 2	N/142.1	90.9 / -2.00	Urbandale Corporation 1515 Earl Amstrong Rd Ottawa ON K1G 2H5	ECA
<b>Approval No:</b>		6825-CTQLNW		<b>MOE District:</b> Ottawa	
<b>Approval Date:</b>		July 18, 2023		<b>City:</b> Ottawa	
<b>Status:</b>		Approved		<b>Longitude:</b>	
<b>Record Type:</b>		ECA		<b>Latitude:</b>	
<b>Link Source:</b>		IDS		<b>Geometry X:</b> -8419177.6915000007	
<b>SWP Area Name:</b>		Rideau Valley		<b>Geometry Y:</b> 5683342.2796000028	
<b>Approval Type:</b>		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS			
<b>Project Type:</b>		MUNICIPAL AND PRIVATE SEWAGE WORKS			
<b>Business Name:</b>		Urbandale Corporation			
<b>Address:</b>		1515 Earl Amstrong Rd			
<b>Full Address:</b>					
<b>Full PDF Link:</b>		<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/4788-CT3R6G-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/4788-CT3R6G-14.pdf</a>			
<b>PDF Site Location:</b>		1515 Earl Amstrong Road City of Ottawa, Ontario			
<a href="#">15</a>	2 of 2	N/142.1	90.9 / -2.00	URBANDALE CORPORATION 1515 Earl Armstrong RD Ottawa ON K1X 1E5	EASR
<b>Approval No:</b>		R-009-6243333187		<b>MOE District:</b> Ottawa	
<b>Status:</b>		REGISTERED		<b>Municipality:</b> Ottawa	
<b>Date:</b>		September 26, 2023		<b>Latitude:</b> 45.28083333	
<b>Record Type:</b>		EASR		<b>Longitude:</b> -75.66972222	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Link Source:</b> MOFA <b>Project Type:</b> Water Taking - Construction Dewatering <b>Full Address:</b> <b>Approval Type:</b> EASR-Water Taking - Construction Dewatering <b>SWP Area Name:</b> Rideau Valley <b>PDF URL:</b> <a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=3110945">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=3110945</a> <b>PDF Site Location:</b> 1515 Earl Armstrong Road Ottawa ON K1X 1E5					
<a href="#">16</a>	1 of 4	N/143.9	90.9 / -2.00	1515 Earl Armstrong Road Gloucester ON K1X	EHS
<b>Order No:</b> 20200317199 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 20-MAR-20 <b>Date Received:</b> 17-MAR-20 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.669753 <b>Y:</b> 45.2809019					
<a href="#">16</a>	2 of 4	N/143.9	90.9 / -2.00	1515 Earl Armstrong Road Gloucester ON K1X	EHS
<b>Order No:</b> 20200317199 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 20-MAR-20 <b>Date Received:</b> 17-MAR-20 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.669753 <b>Y:</b> 45.2809019					
<a href="#">16</a>	3 of 4	N/143.9	90.9 / -2.00	1515 Earl Armstrong Road Gloucester ON K1X	EHS
<b>Order No:</b> 20200317199 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 20-MAR-20 <b>Date Received:</b> 17-MAR-20 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.669753 <b>Y:</b> 45.2809019					
<a href="#">16</a>	4 of 4	N/143.9	90.9 / -2.00	1515 Earl Armstrong Road Gloucester ON K1X	EHS
<b>Order No:</b> 20200317199 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 20-MAR-20 <b>Date Received:</b> 17-MAR-20 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.669753 <b>Y:</b> 45.2809019					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">17</a>	1 of 1	NNE/150.1	91.6 / -1.31	lot 20 con 2 ON	WWIS

<b>Well ID:</b>	1519066	<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>		<b>Flow Rate:</b>	
<b>Use 1st:</b>	Domestic	<b>Data Entry Status:</b>	
<b>Use 2nd:</b>	0	<b>Data Src:</b>	1
<b>Final Well Status:</b>	Water Supply	<b>Date Received:</b>	08/07/1984
<b>Water Type:</b>		<b>Selected Flag:</b>	TRUE
<b>Casing Material:</b>		<b>Abandonment Rec:</b>	
<b>Audit No:</b>		<b>Contractor:</b>	1558
<b>Tag:</b>		<b>Form Version:</b>	1
<b>Constructn Method:</b>		<b>Owner:</b>	
<b>Elevation (m):</b>		<b>County:</b>	OTTAWA-CARLETON
<b>Elevatn Reliabilty:</b>		<b>Lot:</b>	020
<b>Depth to Bedrock:</b>		<b>Concession:</b>	02
<b>Well Depth:</b>		<b>Concession Name:</b>	RF
<b>Overburden/Bedrock:</b>		<b>Easting NAD83:</b>	
<b>Pump Rate:</b>		<b>Northing NAD83:</b>	
<b>Static Water Level:</b>		<b>Zone:</b>	
<b>Clear/Cloudy:</b>		<b>UTM Reliability:</b>	
<b>Municipality:</b>	GLOUCESTER TOWNSHIP		
<b>Site Info:</b>			

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/151\1519066.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519066.pdf)

**Additional Detail(s) (Map)**

<b>Well Completed Date:</b>	06/12/1984
<b>Year Completed:</b>	1984
<b>Depth (m):</b>	27.432
<b>Latitude:</b>	45.2813444709777
<b>Longitude:</b>	-75.6664684993809
<b>Path:</b>	151\1519066.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	10040936	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	447729.80
<b>Code OB Desc:</b>		<b>North83:</b>	5014421.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	06/12/1984	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	p4
<b>Loc Method Desc:</b>	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	931040490
<b>Layer:</b>	2
<b>Color:</b>	3
<b>General Color:</b>	BLUE
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat2:</b>		85			
<b>Mat2 Desc:</b>		SOFT			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		16.0			
<b>Formation End Depth:</b>		41.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931040491			
<b>Layer:</b>		3			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>		13			
<b>Mat3 Desc:</b>		BOULDERS			
<b>Formation Top Depth:</b>		41.0			
<b>Formation End Depth:</b>		50.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931040489			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		79			
<b>Mat2 Desc:</b>		PACKED			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		16.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931040492			
<b>Layer:</b>		4			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>		78			
<b>Mat2 Desc:</b>		MEDIUM-GRAINED			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		50.0			
<b>Formation End Depth:</b>		90.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Method Construction ID:</b>		961519066			
<b>Method Construction Code:</b>		5			
<b>Method Construction:</b>		Air Percussion			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10589506			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930071461			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		53.0			
<b>Casing Diameter:</b>		6.0			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930071462			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		90.0			
<b>Casing Diameter:</b>		6.0			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pumping Test Method Desc:</b>		PUMP			
<b>Pump Test ID:</b>		991519066			
<b>Pump Set At:</b>					
<b>Static Level:</b>		10.0			
<b>Final Level After Pumping:</b>		50.0			
<b>Recommended Pump Depth:</b>		60.0			
<b>Pumping Rate:</b>		20.0			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		5.0			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934381627			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		50.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106886  
 Test Type: Draw Down  
 Test Duration: 15  
 Test Level: 50.0  
 Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934901135  
 Test Type: Draw Down  
 Test Duration: 60  
 Test Level: 50.0  
 Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651606  
 Test Type: Draw Down  
 Test Duration: 45  
 Test Level: 50.0  
 Test Level UOM: ft

Water Details

Water ID: 933475941  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 87.0  
 Water Found Depth UOM: ft

Links

Bore Hole ID:	10040936	Tag No:	
Depth M:	27.432	Contractor:	1558
Year Completed:	1984	Latitude:	45.2813444709777
Well Completed Dt:	06/12/1984	Longitude:	-75.6664684993809
Audit No:		Y:	45.28134446413238
Path:	151\1519066.pdf	X:	-75.6664683376769

<a href="#">18</a>	1 of 1	NE/155.9	89.9 / -3.00	1420 Earl Armstrong Rd Ottawa ON K1X1E6	EHS
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Order No:	20140122010	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Custom Report	Client Prov/State:	ON
Report Date:	30-JAN-14	Search Radius (km):	.25
Date Received:	22-JAN-14	X:	-75.664873
Previous Site Name:		Y:	45.279879
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Topographic Maps		

<a href="#">19</a>	1 of 1	E/174.6	94.6 / 1.69	lot 22 con 2 ON	WWIS
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Well ID:</b>	1514566			<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>				<b>Flow Rate:</b>	
<b>Use 1st:</b>	Domestic			<b>Data Entry Status:</b>	
<b>Use 2nd:</b>	0			<b>Data Src:</b>	1
<b>Final Well Status:</b>	Water Supply			<b>Date Received:</b>	01/30/1975
<b>Water Type:</b>				<b>Selected Flag:</b>	TRUE
<b>Casing Material:</b>				<b>Abandonment Rec:</b>	
<b>Audit No:</b>				<b>Contractor:</b>	1505
<b>Tag:</b>				<b>Form Version:</b>	1
<b>Constructn Method:</b>				<b>Owner:</b>	
<b>Elevation (m):</b>				<b>County:</b>	OTTAWA-CARLETON
<b>Elevatn Reliabilty:</b>				<b>Lot:</b>	022
<b>Depth to Bedrock:</b>				<b>Concession:</b>	02
<b>Well Depth:</b>				<b>Concession Name:</b>	RF
<b>Overburden/Bedrock:</b>				<b>Easting NAD83:</b>	
<b>Pump Rate:</b>				<b>Northing NAD83:</b>	
<b>Static Water Level:</b>				<b>Zone:</b>	
<b>Clear/Cloudy:</b>				<b>UTM Reliability:</b>	
<b>Municipality:</b>		GLOUCESTER TOWNSHIP			
<b>Site Info:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/151\1514566.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514566.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 08/29/1974  
**Year Completed:** 1974  
**Depth (m):** 32.004  
**Latitude:** 45.274871858378  
**Longitude:** -75.6619178285033  
**Path:** 151\1514566.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	10036539	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	448080.80
<b>Code OB Desc:</b>		<b>North83:</b>	5013699.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	08/29/1974	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	p4
<b>Loc Method Desc:</b>	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931026612  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 10  
**Mat2 Desc:** COARSE SAND  
**Mat3:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>			30.0		
<b>Formation End Depth:</b>			62.0		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			931026613		
<b>Layer:</b>			4		
<b>Color:</b>			2		
<b>General Color:</b>			GREY		
<b>Mat1:</b>			18		
<b>Most Common Material:</b>			SANDSTONE		
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>			62.0		
<b>Formation End Depth:</b>			105.0		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			931026610		
<b>Layer:</b>			1		
<b>Color:</b>			6		
<b>General Color:</b>			BROWN		
<b>Mat1:</b>			02		
<b>Most Common Material:</b>			TOPSOIL		
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>			0.0		
<b>Formation End Depth:</b>			1.0		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			931026611		
<b>Layer:</b>			2		
<b>Color:</b>			2		
<b>General Color:</b>			GREY		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>			1.0		
<b>Formation End Depth:</b>			30.0		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>			961514566		
<b>Method Construction Code:</b>			4		
<b>Method Construction:</b>			Rotary (Air)		



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10585109			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930064575			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		105.0			
<b>Casing Diameter:</b>		6.0			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930064574			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		64.0			
<b>Casing Diameter:</b>		6.0			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pumping Test Method Desc:</b>		PUMP			
<b>Pump Test ID:</b>		991514566			
<b>Pump Set At:</b>					
<b>Static Level:</b>		15.0			
<b>Final Level After Pumping:</b>		25.0			
<b>Recommended Pump Depth:</b>		35.0			
<b>Pumping Rate:</b>		15.0			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		15.0			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934100396			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		25.0			
<b>Test Level UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934382996			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		25.0			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934901453			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		25.0			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934643567			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		25.0			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933470451			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		97.0			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Links</u></b>					
<b>Bore Hole ID:</b>	10036539			<b>Tag No:</b>	
<b>Depth M:</b>	32.004			<b>Contractor:</b>	1505
<b>Year Completed:</b>	1974			<b>Latitude:</b>	45.274871858378
<b>Well Completed Dt:</b>	08/29/1974			<b>Longitude:</b>	-75.6619178285033
<b>Audit No:</b>				<b>Y:</b>	45.27487185122488
<b>Path:</b>	151\1514566.pdf			<b>X:</b>	-75.6619176676368
<b>20</b>	1 of 1	<b>NE/175.8</b>	<b>90.0 / -2.92</b>	<b>1420 EARL ARMSTONG lot 21 con 2 OTTAWA ON</b>	<b>WWIS</b>
<b>Well ID:</b>	7224166			<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>				<b>Flow Rate:</b>	
<b>Use 1st:</b>	Monitoring and Test Hole			<b>Data Entry Status:</b>	
<b>Use 2nd:</b>	0			<b>Data Src:</b>	
<b>Final Well Status:</b>	Observation Wells			<b>Date Received:</b>	07/21/2014
<b>Water Type:</b>				<b>Selected Flag:</b>	TRUE
<b>Casing Material:</b>				<b>Abandonment Rec:</b>	
<b>Audit No:</b>	Z187782			<b>Contractor:</b>	7241
<b>Tag:</b>	A164483			<b>Form Version:</b>	7
<b>Constructn Method:</b>				<b>Owner:</b>	
<b>Elevation (m):</b>				<b>County:</b>	OTTAWA-CARLETON
<b>Elevatn Reliabilty:</b>				<b>Lot:</b>	021
<b>Depth to Bedrock:</b>				<b>Concession:</b>	02
<b>Well Depth:</b>				<b>Concession Name:</b>	RF
<b>Overburden/Bedrock:</b>				<b>Easting NAD83:</b>	
<b>Pump Rate:</b>				<b>Northing NAD83:</b>	
<b>Static Water Level:</b>				<b>Zone:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Clear/Cloudy:</b>				<b>UTM Reliability:</b>	
<b>Municipality:</b>		GLOUCESTER TOWNSHIP			
<b>Site Info:</b>					
<b>PDF URL (Map):</b>					
<b><u>Additional Detail(s) (Map)</u></b>					
<b>Well Completed Date:</b>		06/04/2014			
<b>Year Completed:</b>		2014			
<b>Depth (m):</b>		4.57			
<b>Latitude:</b>		45.2804982461062			
<b>Longitude:</b>		-75.6649387602761			
<b>Path:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	1004950354			<b>Elevation:</b>	
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>				<b>East83:</b>	447849.00
<b>Code OB Desc:</b>				<b>North83:</b>	5014326.00
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	3
<b>Date Completed:</b>	06/04/2014			<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>				<b>Location Method:</b>	wwr
<b>Loc Method Desc:</b>		on Water Well Record			
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	1005234417				
<b>Layer:</b>	1				
<b>Color:</b>	8				
<b>General Color:</b>	BLACK				
<b>Mat1:</b>	02				
<b>Most Common Material:</b>	TOPSOIL				
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>	85				
<b>Mat3 Desc:</b>	SOFT				
<b>Formation Top Depth:</b>	0.0				
<b>Formation End Depth:</b>	0.3100000023841858				
<b>Formation End Depth UOM:</b>	m				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	1005234419				
<b>Layer:</b>	3				
<b>Color:</b>	6				
<b>General Color:</b>	BROWN				
<b>Mat1:</b>	06				
<b>Most Common Material:</b>	SILT				
<b>Mat2:</b>	05				
<b>Mat2 Desc:</b>	CLAY				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3:</b>		85			
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		1.5			
<b>Formation End Depth:</b>		3.6600000858306885			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1005234420			
<b>Layer:</b>		4			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		85			
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		3.6600000858306885			
<b>Formation End Depth:</b>		4.570000171661377			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1005234418			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		85			
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		0.3100000023841858			
<b>Formation End Depth:</b>		1.5			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1005234428			
<b>Layer:</b>		1			
<b>Plug From:</b>		0.0			
<b>Plug To:</b>		1.2200000286102295			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1005234429			
<b>Layer:</b>		2			
<b>Plug From:</b>		1.2200000286102295			
<b>Plug To:</b>		4.570000171661377			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1005234427			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>					
 <b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1005234416			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
 <b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1005234423			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0.0			
<b>Depth To:</b>		1.5			
<b>Casing Diameter:</b>		4.079999923706055			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
 <b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1005234424			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		1.5			
<b>Screen End Depth:</b>		4.570000171661377			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		4.820000171661377			
 <b><u>Water Details</u></b>					
<b>Water ID:</b>		1005234422			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		m			
 <b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1005234421			
<b>Diameter:</b>		8.25			
<b>Depth From:</b>		0.0			
<b>Depth To:</b>		4.570000171661377			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
 <b><u>Links</u></b>					
<b>Bore Hole ID:</b>		1004950354		<b>Tag No:</b> A164483	
<b>Depth M:</b>		4.57		<b>Contractor:</b> 7241	
<b>Year Completed:</b>		2014		<b>Latitude:</b> 45.2804982461062	
<b>Well Completed Dt:</b>		06/04/2014		<b>Longitude:</b> -75.6649387602761	
<b>Audit No:</b>		Z187782		<b>Y:</b> 45.28049823885411	
<b>Path:</b>		722\7224166.pdf		<b>X:</b> -75.66493859895397	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">21</a>	1 of 1	SE/182.8	96.9 / 4.00	ON	BORE
<b>Borehole ID:</b>	612073			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215513383			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>				<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.272451
<b>Total Depth m:</b>	-999			<b>Longitude DD:</b>	-75.664822
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	447851
<b>Drill Method:</b>				<b>Northing:</b>	5013432
<b>Orig Ground Elev m:</b>	97.5			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	95.4				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218389993			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	14			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	14.6			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Gravel			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	GRAVEL.				
<b>Geology Stratum ID:</b>	218389994			<b>Mat Consistency:</b>	Hard
<b>Top Depth:</b>	14.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>				<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK,LIMESTONE. 00097D. HARDPAN. SANDSTONE. 000830075SEISMIC VELOCITY = 17000.				
<b>Geology Stratum ID:</b>	218389992			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	14			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	TILL.				
<b><u>Source</u></b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	M			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA1.txt RecordID: 045810 NTS_Sheet: 31G05B				
<b>Confiden 1:</b>	Reliable information but incomplete.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				

<a href="#">22</a>	1 of 1	NE/184.5	90.0 / -2.92	1920 EARL ARMSTRONG OTTAWA ON	WWIS
<b>Well ID:</b>	7224068			<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>				<b>Flow Rate:</b>	
<b>Use 1st:</b>	Test Hole			<b>Data Entry Status:</b>	
<b>Use 2nd:</b>				<b>Data Src:</b>	
<b>Final Well Status:</b>	Test Hole			<b>Date Received:</b>	07/21/2014
<b>Water Type:</b>				<b>Selected Flag:</b>	TRUE
<b>Casing Material:</b>				<b>Abandonment Rec:</b>	
<b>Audit No:</b>	Z187783			<b>Contractor:</b>	7241
<b>Tag:</b>	A164482			<b>Form Version:</b>	7
<b>Constructn Method:</b>				<b>Owner:</b>	
<b>Elevation (m):</b>				<b>County:</b>	OTTAWA-CARLETON
<b>Elevatn Reliabilty:</b>				<b>Lot:</b>	
<b>Depth to Bedrock:</b>				<b>Concession:</b>	
<b>Well Depth:</b>				<b>Concession Name:</b>	
<b>Overburden/Bedrock:</b>				<b>Easting NAD83:</b>	
<b>Pump Rate:</b>				<b>Northing NAD83:</b>	
<b>Static Water Level:</b>				<b>Zone:</b>	
<b>Clear/Cloudy:</b>				<b>UTM Reliability:</b>	
<b>Municipality:</b>	GLOUCESTER TOWNSHIP				
<b>Site Info:</b>					

PDF URL (Map):

**Additional Detail(s) (Map)**

<b>Well Completed Date:</b>	06/04/2014
<b>Year Completed:</b>	2014
<b>Depth (m):</b>	4.57
<b>Latitude:</b>	45.2805527709193
<b>Longitude:</b>	-75.6648501452559
<b>Path:</b>	

**Bore Hole Information**

<b>Bore Hole ID:</b>	1004948517	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elelvc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	447856.00
<b>Code OB Desc:</b>		<b>North83:</b>	5014332.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	06/04/2014	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Remarks:</b>				<b>Location Method:</b>	WWF
<b>Loc Method Desc:</b>		on Water Well Record			
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<u><b>Overburden and Bedrock</b></u>					
<u><b>Materials Interval</b></u>					
<b>Formation ID:</b>		1005231297			
<b>Layer:</b>		1			
<b>Color:</b>		8			
<b>General Color:</b>		BLACK			
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>		85			
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		0.3100000023841858			
<b>Formation End Depth UOM:</b>		m			
<u><b>Overburden and Bedrock</b></u>					
<u><b>Materials Interval</b></u>					
<b>Formation ID:</b>		1005231298			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		85			
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		0.3100000023841858			
<b>Formation End Depth:</b>		1.5			
<b>Formation End Depth UOM:</b>		m			
<u><b>Overburden and Bedrock</b></u>					
<u><b>Materials Interval</b></u>					
<b>Formation ID:</b>		1005231299			
<b>Layer:</b>		3			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		85			
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		1.5			
<b>Formation End Depth:</b>		3.0999999046325684			
<b>Formation End Depth UOM:</b>		m			
<u><b>Overburden and Bedrock</b></u>					
<u><b>Materials Interval</b></u>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		1005231300			
<b>Layer:</b>		4			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		85			
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		3.0999999046325684			
<b>Formation End Depth:</b>		4.570000171661377			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1005231308			
<b>Layer:</b>		2			
<b>Plug From:</b>		1.2200000286102295			
<b>Plug To:</b>		4.570000171661377			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1005231307			
<b>Layer:</b>		1			
<b>Plug From:</b>		0.0			
<b>Plug To:</b>		1.2200000286102295			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1005231306			
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1005231296			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1005231303			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0.0			
<b>Depth To:</b>		1.5			
<b>Casing Diameter:</b>		4.03000020980835			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen ID:		1005231304			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.5			
Screen End Depth:		4.570000171661377			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.820000171661377			

**Water Details**

Water ID:	1005231302
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

**Hole Diameter**

Hole ID:	1005231301
Diameter:	
Depth From:	0.0
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

**Links**

Bore Hole ID:	1004948517	Tag No:	A164482
Depth M:	4.57	Contractor:	7241
Year Completed:	2014	Latitude:	45.2805527709193
Well Completed Dt:	06/04/2014	Longitude:	-75.6648501452559
Audit No:	Z187783	Y:	45.28055276393889
Path:		X:	-75.66484998376922

<a href="#">23</a>	1 of 1	NE/189.7	89.1 / -3.76	1420 EARL ARMSTONG OTTAWA ON	WWIS
Well ID:	7224165			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring and Test Hole			Data Entry Status:	
Use 2nd:	0			Data Src:	
Final Well Status:	Observation Wells			Date Received:	07/21/2014
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z187781			Contractor:	7241
Tag:	A164481			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	GLOUCESTER TOWNSHIP				
Site Info:					

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

**Additional Detail(s) (Map)**

Well Completed Date: 06/04/2014  
 Year Completed: 2014  
 Depth (m): 4.57  
 Latitude: 45.2808312785057  
 Longitude: -75.6649426504994  
 Path:

**Bore Hole Information**

Bore Hole ID:	1004950351	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	447849.00
Code OB Desc:		North83:	5014363.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	06/04/2014	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 1005234404  
 Layer: 2  
 Color: 6  
 General Color: BROWN  
 Mat1: 28  
 Most Common Material: SAND  
 Mat2: 05  
 Mat2 Desc: CLAY  
 Mat3: 85  
 Mat3 Desc: SOFT  
 Formation Top Depth: 0.3100000023841858  
 Formation End Depth: 1.5  
 Formation End Depth UOM: m

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 1005234405  
 Layer: 3  
 Color: 6  
 General Color: BROWN  
 Mat1: 06  
 Most Common Material: SILT  
 Mat2: 05  
 Mat2 Desc: CLAY  
 Mat3: 85  
 Mat3 Desc: SOFT  
 Formation Top Depth: 1.5  
 Formation End Depth: 3.6600000858306885

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1005234403			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>		85			
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		0.3100000023841858			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1005234406			
<b>Layer:</b>		4			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		85			
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		3.6600000858306885			
<b>Formation End Depth:</b>		4.570000171661377			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1005234414			
<b>Layer:</b>		1			
<b>Plug From:</b>		0.0			
<b>Plug To:</b>		1.2200000286102295			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1005234415			
<b>Layer:</b>		2			
<b>Plug From:</b>		1.2200000286102295			
<b>Plug To:</b>		4.570000171661377			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1005234413			
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>					



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

Pipe ID: 1005234402  
 Casing No: 0  
 Comment:  
 Alt Name:

**Construction Record - Casing**

Casing ID: 1005234409  
 Layer: 1  
 Material: 5  
 Open Hole or Material: PLASTIC  
 Depth From: 0.0  
 Depth To: 1.5  
 Casing Diameter: 5.199999809265137  
 Casing Diameter UOM: cm  
 Casing Depth UOM: m

**Construction Record - Screen**

Screen ID: 1005234410  
 Layer: 1  
 Slot: 10  
 Screen Top Depth: 1.5  
 Screen End Depth: 4.570000171661377  
 Screen Material: 5  
 Screen Depth UOM: m  
 Screen Diameter UOM: cm  
 Screen Diameter: 6.03000020980835

**Water Details**

Water ID: 1005234408  
 Layer:  
 Kind Code:  
 Kind:  
 Water Found Depth:  
 Water Found Depth UOM: m

**Hole Diameter**

Hole ID: 1005234407  
 Diameter:  
 Depth From: 0.0  
 Depth To: 4.570000171661377  
 Hole Depth UOM: m  
 Hole Diameter UOM: cm

**Links**

Bore Hole ID:	1004950351	Tag No:	A164481
Depth M:	4.57	Contractor:	7241
Year Completed:	2014	Latitude:	45.2808312785057
Well Completed Dt:	06/04/2014	Longitude:	-75.6649426504994
Audit No:	Z187781	Y:	45.28083127203371
Path:	722\7224165.pdf	X:	-75.66494248862982

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Well ID:</b>	7418965			<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>				<b>Flow Rate:</b>	
<b>Use 1st:</b>	Monitoring			<b>Data Entry Status:</b>	
<b>Use 2nd:</b>				<b>Data Src:</b>	
<b>Final Well Status:</b>	Observation Wells			<b>Date Received:</b>	06/01/2022
<b>Water Type:</b>				<b>Selected Flag:</b>	TRUE
<b>Casing Material:</b>				<b>Abandonment Rec:</b>	
<b>Audit No:</b>	MJNE8NNT			<b>Contractor:</b>	7675
<b>Tag:</b>	A311039			<b>Form Version:</b>	9
<b>Constructn Method:</b>				<b>Owner:</b>	
<b>Elevation (m):</b>				<b>County:</b>	OTTAWA-CARLETON
<b>Elevatn Reliability:</b>				<b>Lot:</b>	022
<b>Depth to Bedrock:</b>				<b>Concession:</b>	02
<b>Well Depth:</b>				<b>Concession Name:</b>	RF
<b>Overburden/Bedrock:</b>				<b>Easting NAD83:</b>	
<b>Pump Rate:</b>				<b>Northing NAD83:</b>	
<b>Static Water Level:</b>				<b>Zone:</b>	
<b>Clear/Cloudy:</b>				<b>UTM Reliability:</b>	
<b>Municipality:</b>		GLOUCESTER TOWNSHIP			
<b>Site Info:</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>	1009050544			<b>Elevation:</b>	
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>				<b>East83:</b>	448171.00
<b>Code OB Desc:</b>				<b>North83:</b>	5013707.00
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>	04/06/2022			<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>				<b>Location Method:</b>	wwr
<b>Loc Method Desc:</b>		on Water Well Record			
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1009050688		
<b>Layer:</b>	2		
<b>Color:</b>	2		
<b>General Color:</b>	GREY		
<b>Mat1:</b>	05		
<b>Most Common Material:</b>	CLAY		
<b>Mat2:</b>			
<b>Mat2 Desc:</b>			
<b>Mat3:</b>			
<b>Mat3 Desc:</b>			
<b>Formation Top Depth:</b>	2.0		
<b>Formation End Depth:</b>	20.0		
<b>Formation End Depth UOM:</b>	ft		

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1009050687		
<b>Layer:</b>	1		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		2.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1009050796			
<b>Layer:</b>		2			
<b>Plug From:</b>		14.0			
<b>Plug To:</b>		20.0			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1009050795			
<b>Layer:</b>		1			
<b>Plug From:</b>		0.0			
<b>Plug To:</b>		14.0			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1009050775			
<b>Layer:</b>		1			
<b>Plug From:</b>					
<b>Plug To:</b>					
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1009050644			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1009050604			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1009050731			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0.0			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Depth To:</i>		15.0			
<i>Casing Diameter:</i>		2.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<b><u>Construction Record - Screen</u></b>					
<i>Screen ID:</i>		1009050744			
<i>Layer:</i>		1			
<i>Slot:</i>		10			
<i>Screen Top Depth:</i>		15.0			
<i>Screen End Depth:</i>		20.0			
<i>Screen Material:</i>		5			
<i>Screen Depth UOM:</i>		ft			
<i>Screen Diameter UOM:</i>		inch			
<i>Screen Diameter:</i>		2.0			
<b><u>Results of Well Yield Testing</u></b>					
<i>Pumping Test Method Desc:</i>					
<i>Pump Test ID:</i>		1009050605			
<i>Pump Set At:</i>					
<i>Static Level:</i>					
<i>Final Level After Pumping:</i>					
<i>Recommended Pump Depth:</i>					
<i>Pumping Rate:</i>					
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>					
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>					
<i>Water State After Test:</i>					
<i>Pumping Test Method:</i>					
<i>Pumping Duration HR:</i>					
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>					
<b><u>Water Details</u></b>					
<i>Water ID:</i>		1009050673			
<i>Layer:</i>		1			
<i>Kind Code:</i>		8			
<i>Kind:</i>		Untested			
<i>Water Found Depth:</i>		5.0			
<i>Water Found Depth UOM:</i>		ft			
<b><u>Hole Diameter</u></b>					
<i>Hole ID:</i>		1009050757			
<i>Diameter:</i>		8.0			
<i>Depth From:</i>		0.0			
<i>Depth To:</i>		20.0			
<i>Hole Depth UOM:</i>		ft			
<i>Hole Diameter UOM:</i>		inch			
<b><u>25</u></b>	<b>1 of 1</b>	<b>NNW/199.5</b>	<b>90.9 / -2.00</b>	<b>250 CROISSANT EYE BRIGHT GLOUCESTER ON K1V 2K7</b>	<b>HINC</b>
<i>External File Num:</i>		FS INC 0809-05114			
<i>Fuel Occurrence Type:</i>		Pipeline Strike			
<i>Date of Occurrence:</i>		8/29/2008			
<i>Fuel Type Involved:</i>		Natural Gas			

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

[26](#) 1 of 1 NW/231.4 90.9 / -2.00 318 ROYAL FERN WAY GLOUCESTER ON K1V 2K7 [HINC](#)

<b>External File Num:</b> <b>Fuel Occurrence Type:</b> <b>Date of Occurrence:</b> <b>Fuel Type Involved:</b> <b>Status Desc:</b> <b>Job Type Desc:</b> <b>Oper. Type Involved:</b> <b>Service Interruptions:</b> <b>Property Damage:</b> <b>Fuel Life Cycle Stage:</b> <b>Root Cause:</b>		FS INC 0804-01492 Pipeline Strike 3/31/2008 Natural Gas Completed - Causal Analysis(End) Incident/Near-Miss Occurrence (FS) Construction Site (pipeline strike) Yes Yes Transmission, Distribution and Transportation Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training: Yes Management:Yes Human Factors:Yes			
<b>Reported Details:</b> <b>Fuel Category:</b> <b>Occurrence Type:</b> <b>Affiliation:</b> <b>County Name:</b> <b>Approx. Quant. Rel:</b> <b>Nearby body of water:</b> <b>Enter Drainage Syst.:</b> <b>Approx. Quant. Unit:</b> <b>Environmental Impact:</b>		Gaseous Fuel Incident Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Ottawa			

[27](#) 1 of 1 SE/233.7 96.9 / 4.00 4776 LIMEBANK ROAD OTTAWA ON [WWIS](#)

<b>Well ID:</b> <b>Construction Date:</b> <b>Use 1st:</b> <b>Use 2nd:</b> <b>Final Well Status:</b> <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Constructn Method:</b> <b>Elevation (m):</b> <b>Elevatn Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b>		1536769 Not Used Abandoned-Other Z52510		<b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Data Entry Status:</b> <b>Data Src:</b> <b>Date Received:</b> <b>Selected Flag:</b> <b>Abandonment Rec:</b> <b>Contractor:</b> <b>Form Version:</b> <b>Owner:</b> <b>County:</b> <b>Lot:</b> <b>Concession:</b> <b>Concession Name:</b>		10/27/2006 TRUE Yes 7260 3 OTTAWA-CARLETON	
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<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Overburden/Bedrock:</b>				<b>Easting NAD83:</b>	
<b>Pump Rate:</b>				<b>Northing NAD83:</b>	
<b>Static Water Level:</b>				<b>Zone:</b>	
<b>Clear/Cloudy:</b>				<b>UTM Reliability:</b>	
<b>Municipality:</b>		GLOUCESTER TOWNSHIP			
<b>Site Info:</b>					
<b>PDF URL (Map):</b>		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1536769.pdf			
<b><u>Additional Detail(s) (Map)</u></b>					
<b>Well Completed Date:</b>		05/09/2006			
<b>Year Completed:</b>		2006			
<b>Depth (m):</b>					
<b>Latitude:</b>		45.2720028224447			
<b>Longitude:</b>		-75.6645973275737			
<b>Path:</b>		153\1536769.pdf			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>		11691863		<b>Elevation:</b>	
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>				<b>East83:</b>	447868.00
<b>Code OB Desc:</b>				<b>North83:</b>	5013382.00
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	3
<b>Date Completed:</b>		05/09/2006		<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>				<b>Location Method:</b>	wwr
<b>Loc Method Desc:</b>		on Water Well Record			
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		933286544			
<b>Layer:</b>		2			
<b>Plug From:</b>		4.460000038146973			
<b>Plug To:</b>		6.090000152587891			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		933286543			
<b>Layer:</b>		1			
<b>Plug From:</b>		0.0			
<b>Plug To:</b>		4.460000038146973			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		933286545			
<b>Layer:</b>		3			
<b>Plug From:</b>		6.090000152587891			
<b>Plug To:</b>		7.309999942779541			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Plug Depth UOM: m

**Method of Construction & Well Use**

Method Construction ID: 961536769  
 Method Construction Code:  
 Method Construction:  
 Other Method Construction:

**Pipe Information**

Pipe ID: 11696729  
 Casing No: 1  
 Comment:  
 Alt Name:

**Hole Diameter**

Hole ID: 11755431  
 Diameter: 91.44000244140625  
 Depth From: 0.0  
 Depth To: 7.309999942779541  
 Hole Depth UOM: m  
 Hole Diameter UOM: cm

**Links**

Bore Hole ID:	11691863	Tag No:	
Depth M:		Contractor:	7260
Year Completed:	2006	Latitude:	45.2720028224447
Well Completed Dt:	05/09/2006	Longitude:	-75.6645973275737
Audit No:	Z52510	Y:	45.272002814814456
Path:	153\1536769.pdf	X:	-75.6645971663119

<b>28</b>	1 of 1	<b>ENE/247.3</b>	<b>91.7 / -1.20</b>	<b>limebank rd. Ottawa ON</b>	<b>WWIS</b>
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Well ID:	7354739	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:		Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:	Abandoned-Other	Date Received:	03/02/2020
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	Yes
Audit No:	Z280822	Contractor:	7659
Tag:	A215220	Form Version:	7
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliability:		Lot:	
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map):

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Additional Detail(s) (Map)</u></b>					
<b>Well Completed Date:</b>		10/31/2019			
<b>Year Completed:</b>		2019			
<b>Depth (m):</b>					
<b>Latitude:</b>		45.2775338448023			
<b>Longitude:</b>		-75.6623414659235			
<b>Path:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	1008190377			<b>Elevation:</b>	
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>				<b>East83:</b>	448050.00
<b>Code OB Desc:</b>				<b>North83:</b>	5013995.00
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>	10/31/2019			<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>				<b>Location Method:</b>	wwr
<b>Loc Method Desc:</b>		on Water Well Record			
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>	1008290670				
<b>Layer:</b>	1				
<b>Plug From:</b>	0.0				
<b>Plug To:</b>	25.600000381469727				
<b>Plug Depth UOM:</b>	m				
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>	1008288862				
<b>Casing No:</b>	0				
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pumping Test Method Desc:</b>					
<b>Pump Test ID:</b>	1008292828				
<b>Pump Set At:</b>					
<b>Static Level:</b>					
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>	m				
<b>Rate UOM:</b>	LPM				
<b>Water State After Test Code:</b>					
<b>Water State After Test:</b>					
<b>Pumping Test Method:</b>	0				
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Flowing:</i>					
<u>Links</u>					
<b>Bore Hole ID:</b>	1008190377			<b>Tag No:</b>	A215220
<b>Depth M:</b>				<b>Contractor:</b>	7659
<b>Year Completed:</b>	2019			<b>Latitude:</b>	45.2775338448023
<b>Well Completed Dt:</b>	10/31/2019			<b>Longitude:</b>	-75.6623414659235
<b>Audit No:</b>	Z280822			<b>Y:</b>	45.27753383810779
<b>Path:</b>				<b>X:</b>	-75.66234130467573

<a href="#">29</a>	1 of 1	NNE/249.3	88.6 / -4.31	1423 Earl Armstrong Rd Ottawa ON K1X1E5	EHS
<b>Order No:</b>	20140328001			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	07-APR-14			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	28-MAR-14			<b>X:</b>	-75.665982
<b>Previous Site Name:</b>	Dairy farm			<b>Y:</b>	45.282168
<b>Lot/Building Size:</b>	3.19 hectares				
<b>Additional Info Ordered:</b>					

# Unplottable Summary

Total: **64** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Appleton Subdivision	Part of Lot 21, Concession 2	Ottawa ON	
CA	Appleton Subdivision	Part of Lot 21, Concession 2	Ottawa ON	
CA		Lot 20, Conc. 1 (Rideau Front), City of Gloucester	Ottawa ON	
CA		Lot 20, Conc. 1 (Rideau Front), City of Gloucester	Ottawa ON	
CA		Lot 20, Conc. 1 (Rideau Front), City of Gloucester	Ottawa ON	
CA		Lot 20, Conc. 1 (Rideau Front), City of Gloucester	Ottawa ON	
CA	City of Ottawa	River Road to Limebank Rd	Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation	Part of Lot 20, Concession 1	Ottawa ON	
CA	Riverside South Development Corp.	Geographic Township of Gloucester	Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	

CA	Urbandale Corporation	Part of Lot 20, Concession 1	Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Riverside South Development Corp.		Ottawa ON	
CA	Riverside South Development Corp.	Geographic Township of Gloucester	Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Rideau Carleton Raceway Holdings Limited	Earl Armstrong Road, High Road, and Canyon Walk Drive	Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	City of Ottawa	River Road to Limebank Rd	Ottawa ON	
CA	Riverside South Development Corp.		Ottawa ON	
CA	R.M. OF OTTAWA-CARLETON	LOTS 20-23, CONCESSION 1	OTTAWA CITY ON	
CA	Riverside South Development Corp.	Geographic Township of Gloucester	Ottawa ON	
CA	Riverside South Development Corp.		Ottawa ON	
EBR	Riverside South Development Corporation (RSDC)		ON	
ECA	Riverside South Development Corp.		Ottawa ON	K1G 2H5
ECA	SNC-Lavalin Constructors (Pacific) Inc., Dragados Canada, Inc., and EllisDon	Corporation	Ottawa ON	K1Z 1G3
ECA	SNC- Lavalin Trillium Partner 1 Inc. and SNC- Lavalin Trillium Partner 2 Inc.,	operating as Transitnext General Partnership Limebank Rd	Ottawa ON	M5H 3T9
ECA	City of Ottawa	Earl Armstrong Rd	Ottawa ON	K1P 1J1
ECA	City of Ottawa	Earl Armstrong Rd (Earl Armstrong Road to River Road)	Ottawa ON	K1P 1J1
ECA	Urbandale Corporation		Ottawa ON	K1G 2H5
ECA	Urbandale Corporation		Ottawa ON	K1G 2H5
ECA	Urbandale Corporation		Ottawa ON	K1G 2H5

ECA	Urbandale Corporation		Ottawa ON	K1G 2H5
ECA	City of Ottawa	Earl Armstrong Rd River Road to Limebank Road	Ottawa ON	K1P 1J1
GEN	SNC-Lavalin Constructors (Pacific) Inc.	Limebank Road	Ottawa ON	K1X 1G1
GEN	SNC-Lavalin Constructors (Pacific) Inc.	Limebank Road	Ottawa ON	K1X 1G1
GEN	SNC-Lavalin Constructors (Pacific) Inc.	Limebank Road	Ottawa ON	K1X 1G1
GEN	ROBADAIR LTD.	BAY 6, 9 LIMEBANK ROAD - GLOUCESTER C/O BOX 5071, STATION "F"	OTTAWA ON	K2C 3H3
RSC		Lots 23 & 24, Con 1,	Gloucester ON	
RSC		Part Lot 23	Ottawa ON	
RSC		Part Lot 23, Township of Gloucester	Ottawa ON	
WWIS		con 1	ON	
WWIS		lot 22	ON	
WWIS		lot 22	ON	
WWIS		lot 23 con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		lot 23	ON	
WWIS		lot 22	ON	
WWIS		lot 20	ON	
WWIS		lot 20	ON	
WWIS		lot 20	ON	
WWIS		lot 20	ON	
WWIS		con 1	ON	
WWIS		lot 22	ON	



WWIS

lot 20

ON

WWIS

lot 21 con 1

ON

# Unplottable Report

---

**Site:** *Urbandale Corporation*  
*Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 2169-5WVM7Y  
**Application Year:** 2004  
**Issue Date:** 3/12/2004  
**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:** *Urbandale Corporation*  
*Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 2160-765JJX  
**Application Year:** 2007  
**Issue Date:** 8/16/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Urbandale Corporation*  
*Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 1998-6Y7KJ9  
**Application Year:** 2007  
**Issue Date:** 2/12/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Urbandale Corporation*  
*Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 1830-6H3P2S

**Application Year:** 2005  
**Issue Date:** 10/14/2005  
**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:** **Urbandale Corporation**  
**Ottawa ON**

**Database:**  
**CA**

**Certificate #:** 1712-6N6RR7  
**Application Year:** 2006  
**Issue Date:** 3/27/2006  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **Urbandale Corporation**  
**Ottawa ON**

**Database:**  
**CA**

**Certificate #:** 1130-6BLHGE  
**Application Year:** 2005  
**Issue Date:** 4/21/2005  
**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:** **Appleton Subdivision**  
**Part of Lot 21, Concession 2 Ottawa ON**

**Database:**  
**CA**

**Certificate #:** 9776-55UJ3V  
**Application Year:** 02  
**Issue Date:** 1/2/02  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Richcraft Homes Ltd.  
**Client Address:** 201-2280 St. Laurent Blvd.  
**Client City:** Ottawa  
**Client Postal Code:** K1G 4K1  
**Project Description:** Construction of a Watermain  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Appleton Subdivision  
Part of Lot 21, Concession 2 Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 7361-55UJ9V  
**Application Year:** 02  
**Issue Date:** 1/2/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Richcraft Homes Ltd.  
**Client Address:** 201-2280 St. Laurent Blvd.  
**Client City:** Ottawa  
**Client Postal Code:** K1G 4K1  
**Project Description:** Construction of Storm and Sanitary Sewers  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Lot 20, Conc. 1 (Rideau Front), City of Gloucester Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 5220-4L9R6L  
**Application Year:** 00  
**Issue Date:** 6/15/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Urbandale Corporation  
**Client Address:** 2193 Arch Street  
**Client City:** OTTAWA  
**Client Postal Code:** K1G 2H5  
**Project Description:** Construction of Watermain on Cirrus Way from Sandy Forest Place to Giant Cedars Crescent.  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Lot 20, Conc. 1 (Rideau Front), City of Gloucester Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 1056-4NANMY  
**Application Year:** 00  
**Issue Date:** 8/17/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** Amended CofA  
**Client Name:** Urbandale Corporation  
**Client Address:** 2193 Arch Street  
**Client City:** OTTAWA  
**Client Postal Code:** K1G 2H5  
**Project Description:** Construction of watermains on River Road, Shoeline Drive, Wildshore Crescent, Walkway Easement, Commercial Block, and Puffin Court.  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Lot 20, Conc. 1 (Rideau Front), City of Gloucester Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 2227-4L9R22  
**Application Year:** 00  
**Issue Date:** 6/15/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Urbandale Corporation

**Client Address:** 2193 Arch Street  
**Client City:** Ottawa  
**Client Postal Code:** K1G 2H5  
**Project Description:** Storm and Sanitary sewers to be constructed on Cirrus Way from Sandy Forest Place to Giant Cedars Crescent.  
**Contaminants:**  
**Emission Control:**

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**Site:** Lot 20, Conc. 1 (Rideau Front), City of Gloucester Ottawa ON **Database:** CA

**Certificate #:** 8618-4NANFM  
**Application Year:** 00  
**Issue Date:** 8/17/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** Amended CofA  
**Client Name:** Urbandale Corporation  
**Client Address:** 2193 Arch Street  
**Client City:** Ottawa  
**Client Postal Code:** K1G 2H5  
**Project Description:** Construction of sanitary sewer on River Road from pumping station (approx. 1800 m north of Armstrong Road) to temporary entrance to Riverside South Community (approx. 750 m north of Armstrong Road), temporary Entrance Easement. Construction of storm and sanitary sewers on Shoreline Drive, Wildshore Crescent, Walkway Easement, Commercial Block, and Puffin Court

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

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**Site:** City of Ottawa River Road to Limebank Rd Ottawa ON **Database:** CA

**Certificate #:** 2826-7UPNU6  
**Application Year:** 2009  
**Issue Date:** 8/10/2009  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** Urbandale Corporation Ottawa ON **Database:** CA

**Certificate #:** 2869-6KVTJC  
**Application Year:** 2006  
**Issue Date:** 1/12/2006  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** Urbandale Corporation **Database:** CA

**Ottawa ON**

**Certificate #:** 3681-7QWNXY  
**Application Year:** 2009  
**Issue Date:** 4/9/2009  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Urbandale Corporation  
Part of Lot 20, Concession 1 Ottawa ON*

**Database:**  
[CA](#)

**Certificate #:** 5155-667MFQ  
**Application Year:** 2004  
**Issue Date:** 11/1/2004  
**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:** *Riverside South Development Corp.  
Geographic Township of Gloucester Ottawa ON*

**Database:**  
[CA](#)

**Certificate #:** 5641-7FHJMY  
**Application Year:** 2008  
**Issue Date:** 6/11/2008  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *Urbandale Corporation  
Ottawa ON*

**Database:**  
[CA](#)

**Certificate #:** 5942-6BWPUR  
**Application Year:** 2005  
**Issue Date:** 5/3/2005  
**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:**

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**Site:** *Urbandale Corporation*  
*Part of Lot 20, Concession 1 Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 6191-5PPQ63  
**Application Year:** 2003  
**Issue Date:** 7/25/2003  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *Urbandale Corporation*  
*Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 6829-6Y7RQX  
**Application Year:** 2007  
**Issue Date:** 2/19/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *Riverside South Development Corp.*  
*Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 7037-6MXLUE  
**Application Year:** 2006  
**Issue Date:** 3/18/2006  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Riverside South Development Corp.*  
*Geographic Township of Gloucester Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 8040-7NVLD3  
**Application Year:** 2009  
**Issue Date:** 2/11/2009  
**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:**

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**Site:** *Urbandale Corporation  
Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 8145-7TYK8L  
**Application Year:** 2009  
**Issue Date:** 7/17/2009  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Rideau Carleton Raceway Holdings Limited  
Earl Armstrong Road, High Road, and Canyon Walk Drive Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 8720-6H XK59  
**Application Year:** 2005  
**Issue Date:** 11/10/2005  
**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:**

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**Site:** *Urbandale Corporation  
Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 8787-5YQRUU  
**Application Year:** 2004  
**Issue Date:** 5/10/2004  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *City of Ottawa  
River Road to Limebank Rd Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 9430-7V8P7B  
**Application Year:** 2009  
**Issue Date:** 9/9/2009  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Riverside South Development Corp.  
Ottawa ON*

**Database:**  
[CA](#)

**Certificate #:** 7653-8EJM3S  
**Application Year:** 2011  
**Issue Date:** 3/7/2011  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *R.M. OF OTTAWA-CARLETON  
LOTS 20-23, CONCESSION 1 OTTAWA CITY ON*

**Database:**  
[CA](#)

**Certificate #:** 3-1503-94-  
**Application Year:** 94  
**Issue Date:** 12/23/1994  
**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:** *Riverside South Development Corp.  
Geographic Township of Gloucester Ottawa ON*

**Database:**  
[CA](#)

**Certificate #:** 9979-7PCKHF  
**Application Year:** 2009  
**Issue Date:** 3/18/2009  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**

**Emission Control:**

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**Site:** **Riverside South Development Corp.**  
**Ottawa ON**

**Database:**  
**CA**

**Certificate #:** 8169-8G5KMV  
**Application Year:** 2011  
**Issue Date:** 5/5/2011  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** **Riverside South Development Corporation (RSDC)**  
**ON**

**Database:**  
**EBR**

**EBR Registry No:** 012-7921  
**Ministry Ref No:** MNR INST 49/16  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** April 13, 2017  
**Proposal Date:** June 14, 2016  
**Year:** 2016  
**Instrument Type:** (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Riverside South Development Corporation (RSDC)  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 2193 Arch Street, Ottawa Ontario, Canada K1G 3H5  
**Comment Period:**  
**URL:**

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Site Location Details:**

Part of Lots 21 - 23, Concession 1 (Rideau Front) of the Geographic Township of Gloucester. RSDC Phase 13 includes approximately 49 hectares located east of Spratt Road and south of Earl Armstrong Road in southeastern Ottawa, Ontario. CITY OF OTTAWA

---

**Site:** **Riverside South Development Corp.**  
**Ottawa ON K1G 2H5**

**Database:**  
**ECA**

**Approval No:** 0166-ACPSEZ  
**Approval Date:** 2016-08-23  
**Status:** Revoked and/or Replaced  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** Riverside South Development Corp.  
**Address:**  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/3244-A6CPHG-14.pdf>  
**PDF Site Location:**

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

---

**Site:** *SNC-Lavalin Constructors (Pacific) Inc., Dragados Canada, Inc., and EllisDon Corporation Ottawa ON K1Z 1G3* **Database:** *ECA*

**Approval No:** 3474-99NHUQ **MOE District:**  
**Approval Date:** 2013-08-07 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** **Geometry Y:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** SNC-Lavalin Constructors (Pacific) Inc., Dragados Canada, Inc., and EllisDon Corporation  
**Address:**  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/2982-99JLHL-14.pdf>  
**PDF Site Location:**

---

**Site:** *SNC- Lavalin Trillium Partner 1 Inc. and SNC- Lavalin Trillium Partner 2 Inc., operating as Transitnext General Partnership Limebank Rd Ottawa ON M5H 3T9* **Database:** *ECA*

**Approval No:** 0637-C7KK4Z **MOE District:** Ottawa  
**Approval Date:** 2021-11-07 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:** -8422682.0291000009  
**SWP Area Name:** Rideau Valley **Geometry Y:** 5664419.7690000003  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** SNC- Lavalin Trillium Partner 1 Inc. and SNC- Lavalin Trillium Partner 2 Inc., operating as Transitnext General Partnership  
**Address:** Limebank Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/8528-C6APT5-14.pdf>  
**PDF Site Location:** Ottawa LRT Trillium Line - Limebank Station  
Limebank Road, Main Street, and Connector Road  
City of Ottawa, Ontario

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**Site:** *City of Ottawa Earl Armstrong Rd Ottawa ON K1P 1J1* **Database:** *ECA*

**Approval No:** 2826-7UPNU6 **MOE District:**  
**Approval Date:** 2009-08-10 **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:** Earl Armstrong Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/5476-7UMQKX-14.pdf>  
**PDF Site Location:**

---

**Site:** *City of Ottawa Earl Armstrong Rd (Earl Armstrong Road to River Road) Ottawa ON K1P 1J1* **Database:** *ECA*

**Approval No:** 5036-7SQR3Z **MOE District:**  
**Approval Date:** 2009-06-08 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** **Geometry Y:**

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**Approval Type:** ECA-Municipal Drinking Water Systems  
**Project Type:** Municipal Drinking Water Systems  
**Business Name:** City of Ottawa  
**Address:** Earl Armstrong Rd (Earl Armstrong Road to River Road)  
**Full Address:**  
**Full PDF Link:**  
**PDF Site Location:**

---

**Site:** **Urbandale Corporation**  
**Ottawa ON K1G 2H5**

**Database:**  
**ECA**

**Approval No:** 4781-4ZEKPM  
**Approval Date:** 2001-08-21  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-INDUSTRIAL SEWAGE WORKS  
**Project Type:** INDUSTRIAL SEWAGE WORKS  
**Business Name:** Urbandale Corporation  
**Address:**  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/1402-4Z2HBD-14.pdf>  
**PDF Site Location:**

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

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**Site:** **Urbandale Corporation**  
**Ottawa ON K1G 2H5**

**Database:**  
**ECA**

**Approval No:** 1830-6H3P2S  
**Approval Date:** 2005-10-14  
**Status:** Revoked and/or Replaced  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** Urbandale Corporation  
**Address:**  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/9122-6F6R74-14.pdf>  
**PDF Site Location:**

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

---

**Site:** **Urbandale Corporation**  
**Ottawa ON K1G 2H5**

**Database:**  
**ECA**

**Approval No:** 8787-5YQRUU  
**Approval Date:** 2004-05-10  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** Urbandale Corporation  
**Address:**  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/3747-5YPLC8-14.pdf>  
**PDF Site Location:**

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

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**Site:** **Urbandale Corporation**  
**Ottawa ON K1G 2H5**

**Database:**  
**ECA**



**Approval No:** 0666-5YQRZ3  
**Approval Date:** 2004-05-10  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal Drinking Water Systems  
**Project Type:** Municipal Drinking Water Systems  
**Business Name:** Urbandale Corporation  
**Address:**  
**Full Address:**  
**Full PDF Link:**  
**PDF Site Location:**

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

---

**Site:** **City of Ottawa**  
**Earl Armstrong Rd River Road to Limebank Road Ottawa ON K1P 1J1**

**Database:**  
**ECA**

**Approval No:** 9430-7V8P7B  
**Approval Date:** 2009-09-09  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** City of Ottawa  
**Address:** Earl Armstrong Rd River Road to Limebank Road  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/3848-7SNPR4-14.pdf>  
**PDF Site Location:**

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

---

**Site:** **SNC-Lavalin Constructors (Pacific) Inc.**  
**Limebank Road Ottawa ON K1X 1G1**

**Database:**  
**GEN**

**Generator No:** ON4097601  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** As of Jul 2020  
**PO Box No:**  
**Country:** Canada  
**Status:** Registered  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 146 L  
**Waste Class Name:** Other specified inorganic sludges, slurries or solids

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**Site:** **SNC-Lavalin Constructors (Pacific) Inc.**  
**Limebank Road Ottawa ON K1X 1G1**

**Database:**  
**GEN**

**Generator No:** ON4097601  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** As of Nov 2021  
**PO Box No:**  
**Country:** Canada  
**Status:** Registered  
**Co Admin:**  
**Choice of Contact:**

Phone No Admin:  
Contaminated Facility:  
MHSW Facility:

Detail(s)

Waste Class: 146 L  
Waste Class Name: Other specified inorganic sludges, slurries or solids

---

Site: **SNC-Lavalin Constructors (Pacific) Inc.**  
**Limebank Road Ottawa ON K1X 1G1**

**Database:**  
**GEN**

Generator No: ON4097601  
SIC Code:  
SIC Description:  
Approval Years: As of Oct 2022  
PO Box No:  
Country: Canada  
Status: Registered  
Co Admin:  
Choice of Contact:  
Phone No Admin:  
Contaminated Facility:  
MHSW Facility:

Detail(s)

Waste Class: 146 L  
Waste Class Name: OTHER SPECIFIED INORGANICS

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Site: **ROBADAIR LTD.**  
**BAY 6, 9 LIMEBANK ROAD - GLOUCESTER C/O BOX 5071, STATION "F" OTTAWA ON K2C 3H3**

**Database:**  
**GEN**

Generator No: ON0528100  
SIC Code: 0007  
SIC Description: LETTER ACKNOWLEDG.  
Approval Years: 86,87,88  
PO Box No:  
Country:  
Status:  
Co Admin:  
Choice of Contact:  
Phone No Admin:  
Contaminated Facility:  
MHSW Facility:

Site: **Lots 23 & 24, Con 1, Gloucester ON**

**Database:**  
**RSC**

RSC ID:		Cert Date:	
RA No:		Cert Prop Use No:	
RSC Type:		Intended Prop Use:	
Curr Property Use:		Qual Person Name:	
Ministry District:		Stratified (Y/N):	
Filing Date:	01/26/00	Audit (Y/N):	
Date Ack:		Entire Leg Prop. (Y/N):	
Date Returned:	03/10/00	Accuracy Estimate:	
Restoration Type:		Telephone:	
Soil Type:		Fax:	
Criteria:		Email:	
CPU Issued Sect			
1686:			
Asmt Roll No:			
Prop ID No (PIN):			
Property Municipal Address:			

**Mailing Address:**  
**Latitude & Latitude:**  
**UTM Coordinates:**  
**Consultant:**  
**Legal Desc:**  
**Measurement Method:**  
**Applicable Standards:**  
**RSC PDF:**

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**Site:**  
**Part Lot 23 Ottawa ON**

**Database:**  
**RSC**

**RSC ID:**  
**RA No:**  
**RSC Type:**  
**Curr Property Use:**  
**Ministry District:** Ottawa  
**Filing Date:** 07/05/01  
**Date Ack:** 08/14/01  
**Date Returned:**  
**Restoration Type:** Generic  
**Soil Type:** Medium/Fine  
**Criteria:** Res/parkland + Nonpotable  
**CPU Issued Sect 1686:**  
**Asmt Roll No:**  
**Prop ID No (PIN):**  
**Property Municipal Address:**  
**Mailing Address:**  
**Latitude & Latitude:**  
**UTM Coordinates:**  
**Consultant:** DST Consulting Engineers Inc.  
**Legal Desc:**  
**Measurement Method:**  
**Applicable Standards:**  
**RSC PDF:**

**Cert Date:**  
**Cert Prop Use No:**  
**Intended Prop Use:**  
**Qual Person Name:**  
**Stratified (Y/N):** N  
**Audit (Y/N):**  
**Entire Leg Prop. (Y/N):**  
**Accuracy Estimate:**  
**Telephone:**  
**Fax:**  
**Email:**

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**Site:**  
**Part Lot 23, Township of Gloucester Ottawa ON**

**Database:**  
**RSC**

**RSC ID:**  
**RA No:**  
**RSC Type:**  
**Curr Property Use:**  
**Ministry District:** Ottawa  
**Filing Date:** 07/05/01  
**Date Ack:**  
**Date Returned:** 07/23/01  
**Restoration Type:**  
**Soil Type:**  
**Criteria:**  
**CPU Issued Sect 1686:**  
**Asmt Roll No:**  
**Prop ID No (PIN):**  
**Property Municipal Address:**  
**Mailing Address:**  
**Latitude & Latitude:**  
**UTM Coordinates:**  
**Consultant:** DST Consulting Engineers Inc.  
**Legal Desc:**  
**Measurement Method:**  
**Applicable Standards:**  
**RSC PDF:**

**Cert Date:**  
**Cert Prop Use No:**  
**Intended Prop Use:**  
**Qual Person Name:**  
**Stratified (Y/N):**  
**Audit (Y/N):**  
**Entire Leg Prop. (Y/N):**  
**Accuracy Estimate:**  
**Telephone:**  
**Fax:**  
**Email:**

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**Site:**  
**con 1 ON**

**Database:**  
**WWIS**

**Well ID:** 1529330  
**Construction Date:**  
**Use 1st:** Commerical  
**Use 2nd:**  
**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** 169507  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 02/14/1997  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:**  
**Concession:** 01  
**Concession Name:** OF  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10050866  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 12/06/1996  
**Remarks:**  
**Loc Method Desc:** Not Applicable i.e. no UTM  
**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:** 931072413  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 23  
**Most Common Material:** PREVIOUSLY DUG  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 17.0  
**Formation End Depth UOM:** ft

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

**Plug ID:** 933114303  
**Layer:** 2  
**Plug From:** 2.0  
**Plug To:** 17.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933114302  
**Layer:** 1  
**Plug From:** 0.0  
**Plug To:** 2.0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961529330  
**Method Construction Code:** A  
**Method Construction:** Digging  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10599436  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930088795  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 17.0  
**Casing Diameter:** 36.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326678  
**Layer:** 1  
**Slot:**  
**Screen Top Depth:**  
**Screen End Depth:**  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 36.0

**Water Details**

**Water ID:** 933489269  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 6.0  
**Water Found Depth UOM:** ft

**Site:** lot 22 ON

**Database:**  
WWIS

**Well ID:** 7416411  
**Construction Date:**

**Flowing (Y/N):**  
**Flow Rate:**

**Use 1st:**  
**Use 2nd:**  
**Final Well Status:**  
**Water Type:**  
**Casing Material:**  
**Audit No:** Z363834  
**Tag:** A298367  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Data Entry Status:** Yes  
**Data Src:**  
**Date Received:** 04/06/2022  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 7659  
**Form Version:** 7  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 022  
**Concession:**  
**Concession Name:** JG  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 1009017424  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 11/26/2021  
**Remarks:**  
**Loc Method Desc:** on Water Well Record  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:** 447310.00  
**North83:** 5024502.00  
**Org CS:** UTM83  
**UTMRC:** 4  
**UTMRC Desc:** margin of error : 30 m - 100 m  
**Location Method:** wwr

**Site:** lot 22 ON

**Database:**  
**WWIS**

**Well ID:** 7416410  
**Construction Date:**  
**Use 1st:**  
**Use 2nd:**  
**Final Well Status:**  
**Water Type:**  
**Casing Material:**  
**Audit No:** Z363831  
**Tag:** A298367  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:** Yes  
**Data Src:**  
**Date Received:** 04/06/2022  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 7659  
**Form Version:** 7  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 022  
**Concession:**  
**Concession Name:** JG  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 1009017421  
**DP2BR:**

**Elevation:**  
**Elevrc:**



**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 11/26/2021  
**Remarks:**  
**Loc Method Desc:** on Water Well Record  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Zone:** 18  
**East83:** 447178.00  
**North83:** 5024579.00  
**Org CS:** UTM83  
**UTMRC:** 4  
**UTMRC Desc:** margin of error : 30 m - 100 m  
**Location Method:** wwr

**Site:** lot 23 con 1 ON

**Database:**  
WWIS

**Well ID:** 7418461  
**Construction Date:**  
**Use 1st:**  
**Use 2nd:**  
**Final Well Status:**  
**Water Type:**  
**Casing Material:**  
**Audit No:** Z375696  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:** Yes  
**Data Src:**  
**Date Received:** 05/19/2022  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 4875  
**Form Version:** 7  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 023  
**Concession:** 01  
**Concession Name:** OF  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 1009045262  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 05/05/2022  
**Remarks:**  
**Loc Method Desc:** on Water Well Record  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:** 450540.00  
**North83:** 5033133.00  
**Org CS:** UTM83  
**UTMRC:** 4  
**UTMRC Desc:** margin of error : 30 m - 100 m  
**Location Method:** wwr

**Site:** con 1 ON

**Database:**  
WWIS

**Well ID:** 1501587  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:** 0  
**Final Well Status:** Water Supply  
**Water Type:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 01/06/1947  
**Selected Flag:** TRUE

**Casing Material:**  
**Audit No:**  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Abandonment Rec:**  
**Contractor:** 3566  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:**  
**Concession:** 01  
**Concession Name:** OF  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10023630  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 11/15/1946  
**Remarks:**  
**Loc Method Desc:** Not Applicable i.e. no UTM  
**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:** 930992252  
**Layer:** 2  
**Color:**  
**General Color:**  
**Mat1:** 17  
**Most Common Material:** SHALE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 90.0  
**Formation End Depth:** 167.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 930992251  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 90.0

Formation End Depth UOM: ft

**Method of Construction & Well Use**

Method Construction ID: 961501587  
Method Construction Code: 1  
Method Construction: Cable Tool  
Other Method Construction:

**Pipe Information**

Pipe ID: 10572200  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930040106  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 92.0  
Casing Diameter: 5.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930040107  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 167.0  
Casing Diameter: 5.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pumping Test Method Desc: PUMP  
Pump Test ID: 991501587  
Pump Set At:  
Static Level: 10.0  
Final Level After Pumping: 30.0  
Recommended Pump Depth:  
Pumping Rate: 30.0  
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: 2  
Pumping Duration MIN: 0  
Flowing: No

**Water Details**

Water ID: 933454305

Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth:  
Water Found Depth UOM: ft

Site: con 1 ON

Database: WWIS

Well ID: 1519865  
Construction Date:  
Use 1st: Domestic  
Use 2nd:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No:  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 09/16/1985  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 1558  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot:  
Concession: 01  
Concession Name: RF  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10041718  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 08/01/1985  
Remarks:  
Loc Method Desc: Not Applicable i.e. no UTM  
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: 931042996  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 5.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931042998  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 60.0  
**Formation End Depth:** 75.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931042997  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 81  
**Mat2 Desc:** SANDY  
**Mat3:** 11  
**Mat3 Desc:** GRAVEL  
**Formation Top Depth:** 5.0  
**Formation End Depth:** 60.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961519865  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10590288  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930072831  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 75.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930072830  
**Layer:** 1

**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 62.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991519865  
**Pump Set At:**  
**Static Level:** 25.0  
**Final Level After Pumping:** 30.0  
**Recommended Pump Depth:** 50.0  
**Pumping Rate:** 10.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 5.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934655014  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934384474  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934895214  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934109742  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933476954  
**Layer:** 1

Kind Code: 1  
Kind: FRESH  
Water Found Depth: 70.0  
Water Found Depth UOM: ft

**Site:**  
lot 23 ON

**Database:**  
WWIS

Well ID: 1520631  
Construction Date:  
Use 1st: Domestic  
Use 2nd:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: NA  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 08/12/1986  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 3644  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 023  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10042473  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 05/05/1986  
Remarks:  
Loc Method Desc: Not Applicable i.e. no UTM  
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: 931045365  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 14  
Most Common Material: HARDPAN  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 15.0  
Formation End Depth: 19.0  
Formation End Depth UOM: ft

**Overburden and Bedrock**



**Materials Interval**

**Formation ID:** 931045366  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 19.0  
**Formation End Depth:** 63.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931045364  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 15.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961520631  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10591043  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930074136  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 63.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930074135  
**Layer:** 1  
**Material:** 1

**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 22.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991520631  
**Pump Set At:**  
**Static Level:** 10.0  
**Final Level After Pumping:** 30.0  
**Recommended Pump Depth:** 30.0  
**Pumping Rate:** 20.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 10.0  
**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:** 934387380  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934112517  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934648403  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934907164  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933477930  
**Layer:** 1  
**Kind Code:** 1

**Kind:** FRESH  
**Water Found Depth:** 40.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933477931  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 58.0  
**Water Found Depth UOM:** ft

**Site:** lot 22 ON

**Database:**  
[WWIS](#)

**Well ID:** 1521468  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 04608  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 07/06/1987  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 1558  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 022  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10043290  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 04/30/1987  
**Remarks:**  
**Loc Method Desc:** Not Applicable i.e. no UTM  
**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:** 931048158  
**Layer:** 5  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 18  
**Most Common Material:** SANDSTONE  
**Mat2:** 73

**Mat2 Desc:** HARD  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 56.0  
**Formation End Depth:** 125.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931048157  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 50.0  
**Formation End Depth:** 56.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931048156  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 14  
**Most Common Material:** HARDPAN  
**Mat2:** 13  
**Mat2 Desc:** BOULDERS  
**Mat3:** 79  
**Mat3 Desc:** PACKED  
**Formation Top Depth:** 35.0  
**Formation End Depth:** 50.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931048155  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 79  
**Mat2 Desc:** PACKED  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 17.0  
**Formation End Depth:** 35.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931048154  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN

**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 79  
**Mat2 Desc:** PACKED  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 17.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961521468  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10591860  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930075597  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 59.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930075598  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 125.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991521468  
**Pump Set At:**  
**Static Level:** 15.0  
**Final Level After Pumping:** 35.0  
**Recommended Pump Depth:** 60.0  
**Pumping Rate:** 10.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 5.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1

**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934651778  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 35.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934908869  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 35.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934106534  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 35.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934390634  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 35.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933479044  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 122.0  
**Water Found Depth UOM:** ft

**Site:** lot 20 ON

**Database:**  
[WWIS](#)

**Well ID:** 1522704  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 44190  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 10/31/1988  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 1517  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 020  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**

Static Water Level:  
Clear/Cloudy:  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:

Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10044514  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 09/23/1988  
Remarks:  
Loc Method Desc: Not Applicable i.e. no UTM  
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: 931052340  
Layer: 4  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 58.0  
Formation End Depth: 59.0  
Formation End Depth UOM: ft

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 931052337  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 28  
Most Common Material: SAND  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 10.0  
Formation End Depth UOM: ft

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 931052338  
Layer: 2  
Color: 2  
General Color: GREY



**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 10.0  
**Formation End Depth:** 40.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931052339  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 28  
**Mat2 Desc:** SAND  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 40.0  
**Formation End Depth:** 58.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933110013  
**Layer:** 1  
**Plug From:** 0.0  
**Plug To:** 20.0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961522704  
**Method Construction Code:** 1  
**Method Construction:** Cable Tool  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10593084  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930077847  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 58.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** BAILER  
**Pump Test ID:** 991522704  
**Pump Set At:**  
**Static Level:** 10.0  
**Final Level After Pumping:** 40.0  
**Recommended Pump Depth:** 40.0  
**Pumping Rate:** 30.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 10.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 2  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934905070  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 40.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934111033  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 20.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934386877  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934656253  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 40.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933480697  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 58.0  
**Water Found Depth UOM:** ft

**Site:** lot 20 ON

**Database:**  
WWIS

**Well ID:** 1524118

**Flowing (Y/N):**

**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Recharge Well  
**Water Type:**  
**Casing Material:**  
**Audit No:** 56437  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 01/26/1990  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 020  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10045890  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 10/04/1989  
**Remarks:**  
**Loc Method Desc:** Not Applicable i.e. no UTM  
**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:** 931056920  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 26.0  
**Formation End Depth:** 63.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931056919  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**

**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 26.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961524118  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10594460  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930080334  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 29.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991524118  
**Pump Set At:**  
**Static Level:** 8.0  
**Final Level After Pumping:** 40.0  
**Recommended Pump Depth:** 40.0  
**Pumping Rate:** 20.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 15.0  
**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:** 934652478  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 40.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934107699  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 40.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934910098  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 40.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934391928  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 40.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933482660  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 56.0  
**Water Found Depth UOM:** ft

**Site:** lot 20 ON

**Database:**  
**WWIS**

**Well ID:** 1524120  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 56440  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 01/26/1990  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 020  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10045892  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 10/04/1989  
**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM

**Remarks:**

**Loc Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Location Method:** na

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931056923  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 27.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931056924  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 27.0  
**Formation End Depth:** 63.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well**

**Use**

**Method Construction ID:** 961524120  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10594462  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930080338  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**

**Depth To:** 63.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930080337  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 30.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991524120  
**Pump Set At:**  
**Static Level:** 8.0  
**Final Level After Pumping:** 40.0  
**Recommended Pump Depth:** 40.0  
**Pumping Rate:** 20.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 15.0  
**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:** 934107701  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 40.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934391930  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 40.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934652480  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 40.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934910100



Test Type:  
Test Duration: 60  
Test Level: 40.0  
Test Level UOM: ft

Water Details

Water ID: 933482662  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 55.0  
Water Found Depth UOM: ft

Site:  
lot 20 ON

Database:  
WWIS

Well ID: 1525335  
Construction Date:  
Use 1st: Domestic  
Use 2nd:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 79910  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 01/28/1991  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 2348  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 020  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047073  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 12/06/1990  
Remarks:  
Loc Method Desc: Not Applicable i.e. no UTM  
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: 931060812  
Layer: 2  
Color:  
General Color:  
Mat1: 14  
Most Common Material: HARDPAN

**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 14.0  
**Formation End Depth:** 30.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931060811  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 14.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931060814  
**Layer:** 4  
**Color:**  
**General Color:**  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 48.0  
**Formation End Depth:** 55.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931060813  
**Layer:** 3  
**Color:**  
**General Color:**  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 28  
**Mat2 Desc:** SAND  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 30.0  
**Formation End Depth:** 48.0  
**Formation End Depth UOM:** ft

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

**Method Construction ID:** 961525335  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)

**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10595643  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930082418  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 48.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991525335  
**Pump Set At:**  
**Static Level:** 20.0  
**Final Level After Pumping:** 50.0  
**Recommended Pump Depth:** 43.0  
**Pumping Rate:** 10.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 8.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:**  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934648114  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 50.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934387571  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 50.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934111746  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 50.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934905293  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 50.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933484296  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 50.0  
**Water Found Depth UOM:** ft

**Site:**  
con 1 ON

**Database:**  
WWIS

**Well ID:** 1525673  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 68558  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 10/21/1991  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:**  
**Concession:** 01  
**Concession Name:** RF  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10047408  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 02/27/1991  
**Remarks:**  
**Loc Method Desc:** Not Applicable i.e. no UTM  
**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:** 931061985

Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 14  
Most Common Material: HARDPAN  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 32.0  
Formation End Depth: 45.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931061986  
Layer: 3  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 45.0  
Formation End Depth: 103.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931061984  
Layer: 1  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 32.0  
Formation End Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID: 961525673  
Method Construction Code: 5  
Method Construction: Air Percussion  
Other Method Construction:

**Pipe Information**

Pipe ID: 10595978  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930082983

**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 49.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930082984  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 103.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991525673  
**Pump Set At:**  
**Static Level:** 35.0  
**Final Level After Pumping:** 55.0  
**Recommended Pump Depth:** 55.0  
**Pumping Rate:** 10.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 8.0  
**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:** 934906425  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 55.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934388707  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 55.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934105048  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 55.0  
**Test Level UOM:** ft

Draw Down & Recovery

**Pump Test Detail ID:** 934649245  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 55.0  
**Test Level UOM:** ft

Water Details

**Water ID:** 933484725  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 98.0  
**Water Found Depth UOM:** ft

Water Details

**Water ID:** 933484724  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 70.0  
**Water Found Depth UOM:** ft

Site:  
lot 22 ON

**Database:**  
[WWIS](#)

**Well ID:** 1527659  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 116662  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 02/25/1994  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 1517  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 022  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

Bore Hole Information

**Bore Hole ID:** 10049286  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 11/27/1993  
**Remarks:**  
**Loc Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**

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



**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931067347  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 26  
**Mat2 Desc:** ROCK  
**Mat3:** 73  
**Mat3 Desc:** HARD  
**Formation Top Depth:** 24.0  
**Formation End Depth:** 75.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931067346  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:** 12  
**Mat3 Desc:** STONES  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 24.0  
**Formation End Depth UOM:** ft

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

**Plug ID:** 933112609  
**Layer:** 1  
**Plug From:** 0.0  
**Plug To:** 23.0  
**Plug Depth UOM:** ft

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

**Method Construction ID:** 961527659  
**Method Construction Code:** 1  
**Method Construction:** Cable Tool  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10597856  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930086095  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 27.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** BAILER  
**Pump Test ID:** 991527659  
**Pump Set At:**  
**Static Level:** 22.0  
**Final Level After Pumping:** 30.0  
**Recommended Pump Depth:** 50.0  
**Pumping Rate:** 30.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 10.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:**  
**Water State After Test:**  
**Pumping Test Method:** 2  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934655860  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934386113  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 28.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934904231  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934111297  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 25.0  
**Test Level UOM:** ft

**Water Details**

Water ID: 933487180  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 60.0  
Water Found Depth UOM: ft

**Site:**  
lot 20 ON

**Database:**  
WWIS

Well ID: 1534331  
Construction Date:  
Use 1st: Domestic  
Use 2nd:  
Final Well Status: Abandoned-Other  
Water Type:  
Casing Material:  
Audit No: 257423  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 11/05/2003  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 1414  
Form Version: 2  
Owner:  
County: OTTAWA-CARLETON  
Lot: 020  
Concession:  
Concession Name: OF  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 11097381  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 09/25/2003  
Remarks:  
Loc Method Desc: Not Applicable i.e. no UTM  
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

**Method of Construction & Well Use**

Method Construction ID: 961534331  
Method Construction Code: 0  
Method Construction: Not Known  
Other Method Construction:

**Pipe Information**

Pipe ID: 11101096  
Casing No: 1  
Comment:  
Alt Name:

**Site:**  
lot 21 con 1 ON

**Database:**  
WWIS

**Well ID:** 1531407  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 220943  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 10/18/2000  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 1558  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 021  
**Concession:** 01  
**Concession Name:** CON  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10052941  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 09/27/2000  
**Remarks:**  
**Loc Method Desc:** Not Applicable i.e. no UTM  
**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:** 931078402  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 81  
**Mat2 Desc:** SANDY  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 12.0  
**Formation End Depth:** 32.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931078403  
**Layer:** 3  
**Color:** 2

**General Color:** GREY  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 12  
**Mat2 Desc:** STONES  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 32.0  
**Formation End Depth:** 58.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931078404  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 73  
**Mat2 Desc:** HARD  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 58.0  
**Formation End Depth:** 150.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931078401  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 12.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933116576  
**Layer:** 1  
**Plug From:** 40.0  
**Plug To:** 0.0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961531407  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10601511

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

**Construction Record - Casing**

**Casing ID:** 930092629  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930092628  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991531407  
**Pump Set At:**  
**Static Level:** 32.0  
**Final Level After Pumping:** 75.0  
**Recommended Pump Depth:** 125.0  
**Pumping Rate:** 6.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 5.0  
**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:**  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934113555  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 75.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934396059  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 100.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934914441  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 145.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934657550  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 125.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933491849  
**Layer:** 2  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 142.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933491848  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 69.0  
**Water Found Depth UOM:** ft



## 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 Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of 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 Oct 2022**

### **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-Mar 2022**

### **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-Oct 31, 2023**

### **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 2022**

**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: Oct 2023**

**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-Oct 31, 2023**

**Compressed Natural Gas Stations:**

Private CNG

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

**Government Publication Date: Dec 2012 -Nov 2023**

**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 2023**

**Certificates of Property Use:**

Provincial CPU

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

**Government Publication Date: 1994 - Dec 31, 2023**

**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 - Aug 2023**

**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: Oct 2023**

**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- Nov 30, 2023**

**Environmental Registry:**

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

**Government Publication Date: 1994 - Dec 31, 2023**

**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- Nov 30, 2023**

**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-Dec 31, 2023**

**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: Apr 30, 2022**

**Environmental Penalty Annual Report:**

Provincial **EPAR**

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

**Government Publication Date: Jan 1, 2011 - Dec 31, 2022**

**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: Oct 2023**

**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-Oct 2023**

**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: Oct 31, 2021**

**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: Oct 2023**

**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-Oct 31, 2022**

**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 2020**

**TSSA Historic Incidents:**

Provincial

[HINC](#)

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

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

**Indian & Northern Affairs Fuel Tanks:**

Federal

[IAFT](#)

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

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

**Fuel Oil Spills and Leaks:**

Provincial

[INC](#)

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

**Government Publication Date: Feb 28, 2022**

**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: Mar 31, 2022**

**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-Feb 2023**

**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, 2021**

**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-Oct 2022**

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

Federal

[NDWD](#)

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

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

**National Energy Board Pipeline Incidents:**

Federal

[NEBI](#)

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

**Government Publication Date: 2008-Jun 30, 2021**

**National Energy Board Wells:**

Federal

[NEBP](#)

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

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



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

Federal

NEES

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

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

**National PCB Inventory:**

Federal

NPCB

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

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

**National Pollutant Release Inventory 1993-2020:**

Federal

NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

**Government Publication Date: Sep 2020**

**National Pollutant Release Inventory - Historic:**

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. This data holds historic records; current records are found in NPR2.

**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](http://www.nickles.com).

**Government Publication Date: 1988-Nov 30, 2023**

**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-Aug 2023**

**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 Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

**Government Publication Date: 1994 - Dec 31, 2023**



**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- Nov 30, 2023**

**NPRI Reporters - PFAS Substances:**

Federal

PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

**Government Publication Date: Sep 2020**

**Potential PFAS Handlers from NPRI:**

Federal

PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

**Government Publication Date: Sep 2020**

**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 is an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

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

**Private and Retail Fuel Storage Tanks:**

Provincial

PRT

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

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

**Permit to Take Water:**

Provincial

PTTW

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

**Government Publication Date: 1994 - Dec 31, 2023**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial

REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date: 1986-1990, 1992-2021**

**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-Nov 2023**

**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-Oct 31, 2023**

**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 by 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. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in February, March, May, June-November 2022, and January 2023 in addition to those listed in the Government Publication Date.

**Government Publication Date: 1988-Dec 2021; see description**

**Wastewater Discharger Registration Database:**

Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

**Government Publication Date: 1990-Dec 31, 2020**

**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 - Apr 2023**

**Variations for Abandonment of Underground Storage Tanks:**

Provincial VAR

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

Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2022**

**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-Nov 30, 2023**

**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: Mar 31 2023**

# Definitions

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

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

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

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

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

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

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

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

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

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

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

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

# **APPENDIX 3**

## **QUALIFICATIONS OF ASSESSORS**



# PATERSON GROUP

solution oriented engineering



## **Mark S. D'Arcy, P.Eng., QP<sub>ESA</sub>** **Director – Environmental Division**

After receiving his Bachelors of Applied Science from Queen's University in 1991 in Geological Engineering, Mark joined Paterson Group Inc. During the first 10 years of Mark's career, he was heavily involved in all aspects of field work, including drilling boreholes, excavating test pits, conducting phase I site inspections, environmental sampling and analysis and inspection of environmental remediations. During Mark's field experience, he gained invaluable field and office experience, which would prepare Mark to become the Environmental Division Manager. Mark's field experience ranges from Phase I Environmental Site Assessments (ESAs) to on-site soil and groundwater remediations, as well as, environmental/geotechnical borehole investigations. Mark's field experience has provided extensive knowledge of subsurface conditions, contractor relations and project management. These skills would provide Mark with the ability to understand a variety of situations, which has lead Paterson to an extremely successful Environmental Department. Mark became the Environmental Manager in 2006, which consisted of two engineers and two field technicians. Mark has been an integral part in growing the Environmental Division, which now consists of nine engineers and three field technicians. Mark is the Senior Project Manager for a wide variety of environmental projects within the Eastern Ontario area including Phase I ESAs, Phase II ESAs, remediations for filing Records of Site Condition in the Ontario Ministry of the Environment and Climate Change (MOECC) Environmental Site Registry, Brownfield Applications and Landfill Monitoring Programs. As the Senior Project Manager, Mark is responsible for directing project personnel, final report review and overall project success. Mark has proven leadership and ability to manage small to large scale projects within the allotted time and budget.

### **EDUCATION**

B.A.Sc. 1991, Geological Engineering, Queen's University, Kingston, ON

### **LICENCE/PROFESSIONAL AFFILIATIONS**

Professional Engineers of Ontario

ESA Qualified Person with MECP

Ontario Society of Professional Engineers

Consulting Engineers of Ontario

### **YEARS OF EXPERIENCE**

With Paterson: 33

### **OFFICE LOCATION**

9 Auriga Drive, Ottawa, Ontario, K2E 7T9

### **SELECT LIST OF PROJECTS**

- 222 Beechwood Avenue, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 409 MacKay Street, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Art's Court Redevelopment, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Visitor Welcome Centre, Phase II and Phase III, Parliament Hill, Ottawa, Ontario (Senior Project Manager for Environmental Remediation)
- Mattawa Landfill, Mattawa, Ontario (Senior Project Manager, Annual Water Quality Monitoring report)
- Multi-Phase Redevelopment of the Ottawa Train Yards, Ottawa, Ontario (Senior Project Manager)
- Rideau Centre Expansion, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 26 Stanley Avenue, Ottawa, Ontario, Phase I ESA, Phase II ESA (Senior Project Manager)
- Monitoring Landfills for River Valley, Kipling and Lavigne (Senior Project Manager)
- Block D Lands – Brownfields Project - Kingston

## PROFESSIONAL EXPERIENCE

### 2001 to present, Manager of Environmental Division, Paterson Group Inc., Ottawa, Ontario

- Manage all aspects of the environmental division (management of personnel, budgeting, invoicing, scheduling, business development, reporting, marketing, and fieldwork).
- Review day to day operations within the environmental division.
- Design, perform, and lead Phase I, II and Phase III ESAs, Remediation's, Brownfield Applications and Record of Site conditions, fieldwork surveys, excavation, monitoring, laboratory analysis, and interpretation.
- Write, present, and publish reports with methodology and laboratory analysis results, along with recommendations for environmental findings.
- Responsible for ensuring projects meet Ministry of Environment and Climate Change Standards and Guidelines.
- Building and fostering relationships with clients, stakeholders, and Ministry officials.
- Supervise and continuous training of staff in environmental methods (environmental sampling techniques, technical expertise and guidance).
- Applied due diligence in ensuring the health and safety of staff and the public in field locations.

### 1991 to 2001, Geotechnical and Environmental Engineer, Paterson Group Inc., Ottawa, Ontario

- Provide on-site geotechnical and environmental expertise to various clients.
- Oversee geotechnical and environmental investigations for drilling and test pitting on numerous proposed utility installations, residential and commercial developments.
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations to meet environmental standards set by MOE and CCME standards.
- Conduct site inspections, bearing medium evaluations, bearing surface inspections, concrete testing and field density testing.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for geotechnical and environmental field programs and construction costs.
- Review RFI's, submittals, monthly progress reports and other various construction related work.





# PATERSON GROUP

solution oriented engineering

## Grant Paterson Junior Environmental Inspector

Grant joined Paterson Group in July 2020 as part of the Environmental Group. Grant received his Advanced Diploma in Civil Engineering Technology from Algonquin College in April of 2020. In his time with Paterson, Grant has been involved primarily in residential and commercial development projects, predominantly within the National Capital Region as well as various locations within Eastern Ontario. His scope of work consists of conducting Phase I – Environmental Site Assessments (ESAs) to CSA standards, soil testing and supervision of excess soils programs, conducted various environmental and geotechnical subsurface field investigations, contaminated soil and groundwater field sampling, supervising the remediation of contaminated sites, and ensuring compliance to applicable regulatory standards, memorandum and letter reporting.

### EDUCATION

Advanced Diploma in Civil Engineering Technology  
2019  
Algonquin College, Ottawa, ON

### YEARS OF EXPERIENCE

With Paterson: 3+

### OFFICE LOCATION

9 Auriga Drive, Ottawa, Ontario, K2E 7T9

### SELECT LIST OF PROJECTS

- Caivan Communities: The Ridge, Ottawa, ON -Environmental and Geotechnical Subsurface Investigations, Soil and Groundwater Sampling, Remediation Supervision
- Taggart Residential Development: 998 Highway 15, Kingston, ON: Geotechnical and Environmental Subsurface Investigation, Soil and Groundwater Sampling
- Taggart Residential Development: 700 Gardiners Road, Kingston, ON – Environmental and Geotechnical Subsurface Investigations, Soil and Groundwater Sampling
- PCL Constructors: EASP Project, Various Sites in Ottawa, On, and Gatineau Qc: Geotechnical and Environmental Subsurface Investigations, and Excess Soils Testing
- IBI Group: Tunney's Pasture, Ottawa, ON. – Environmental and Geotechnical Subsurface Investigation, Soil and Groundwater Sampling
- Claridge Homes: 1040 Somerset, Ottawa, On, Environmental and Geotechnical Subsurface Investigations, Soil and Groundwater Sampling, Groundwater Monitoring
- CSA Phase I Environmental Site Assessments (ESAs) – Various Sites, Eastern Ontario

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## **PROFESSIONAL EXPERIENCE**

2020 to present, **Junior Environmental Inspector, Paterson Group, Ottawa, Ontario**

- Conducting Phase I Environmental Site Assessments in accordance with CSA standards and O.Reg. 153/04.
- Responsible for the application of environmental, hydrogeological, and/or geotechnical principles and practices in the identification and delineation of soil and groundwater contamination plumes while ensuring compliance with federal, provincial, and/or municipal legal and regulatory requirements.
- Presenting analytical test results, interpretations, assessments, recommendations and/or conclusions in a final technical report.
- Field experience in the supervision of drilling and excavation contractors, inspection of aboveground and underground fuel storage tanks, soil and rock classification, soil and groundwater field sampling, as well as the collection of hazardous building materials and designated substances.
- Coordination and on-site supervision of soil and groundwater remediation activities for contaminated sites.
- Liaising with clients, and contractors.
- Coordination of contractors while directly reporting to intermediate and senior management to ensure completion of project on schedule and within budget;
- Manage excavation contractors to ensure soil quality control; daily reporting to project manager;
- Present analytical test results, interpretations, assessments, recommendation and/or conclusions in a final technical report as well as verbal and written communication with clients.