

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

April 26, 2022  
File: PE4905-LET.01

**Urbandale Corporation**  
2193 Arch Street,  
Ottawa, Ontario  
K1G 2H5

Geotechnical Engineering  
Environmental Engineering  
Hydrogeology  
Geological Engineering  
Materials Testing  
Building Science

Attention: **Mr. Marcel Denomme**

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

Subject: **Phase I - Environmental Site Assessment Update**  
**1515 Earl Armstrong Road**  
**Ottawa, Ontario**

Dear Sir,

Further to your request, Paterson Group (Paterson) conducted a Phase I - Environmental Site Assessment (ESA) Update for the aforementioned property. This report updates a Phase I ESA entitled "Phase I Environmental Site Assessment, 1515 Earl Armstrong Road, Ottawa, Ontario," prepared by Paterson Group (Paterson), dated April 14, 2020.

This report is intended to meet the requirements for an updated Phase I ESA, as per the MECP O.Reg 153/04, as amended. This report is to be read in conjunction with the 2020 report.

## Site Information

The Phase I Property is located on the north side of Earl Armstrong Road, at the intersection of Earl Armstrong Road and Limebank Road, in the City of Ottawa, Ontario. The Phase I property is currently undeveloped vacant land, with a small gravel access road entering the property from Limebank Road. The subject property is located within a municipally serviced area. The surrounding land is used for residential purposes and or is vacant.

## Records Review

### Phase I ESA Study Area Determination

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

### First Developed Use Determination

Based on a review of available historical information, the Phase I property has never been formally developed.

### Previous Engineering Reports

The following report was reviewed as part of this Phase I-ESA Update.

- “Phase I Environmental Site Assessment Update, 1515 Earl Armstrong Road, Ottawa, Ontario,”* prepared by Paterson Group, dated April 14, 2020.

Based on the 2020 Phase I ESA, no historical or current use of the Phase I property identified any potential environmental concerns.

Surrounding land use to the south and east consist of vacant/agricultural lands, whereas the lands to the north and west are used for residential purposes. No potential environmental concerns were identified with the use of the Phase I study area. A Phase II ESA was not recommended at that time.

### Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on April 20, 2022. The Phase I property was not listed in the NPRI database. No records of pollutant release were listed in the database for properties within the Phase I study area.

### PCB Inventory

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

### Ministry of the Environment, Conservation and Parks (MECP) Submissions

An ERIS report, dated March 20, 2020, was requested in lieu of a MECP Freedom of Information (FOI) request pertaining to all environmental conditions, permits, certificates of approval, compliance reports, fuel oil storage tanks, spills and waste generators

regarding the subject site and neighbouring lands. A copy of the ERIS report is appended in Appendix 2.

### **MECP Waste Disposal Site Inventory**

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. No active or closed waste disposal sites or former industrial sites were identified in the vicinity of the Phase I property.

### **MECP Brownfields Environmental Site Registry**

A search of the MECP Brownfields Environmental Site Registry (ESR) was conducted as part of this assessment for the Phase I Property and lands within the study area. No Records of Site Conditions (RSCs) were filed for the Phase I property or any properties within the Phase I study area.

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

A search for areas of natural and scientific interest (ANSI) situated within the Phase I study area was conducted electronically through the Ontario Ministry of Natural Resources and Forestry (OMNRF) website. No ANSI sites were identified on the subject 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 on April 25, 2022, to inquire about current and former underground/aboveground storage tanks, spills and incidents for the Phase I property and neighbouring properties. No records were found for the Phase I property or neighbouring properties.

### **City of Ottawa Landfill Document**

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

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

A request for information from the City's Historical Land Use Inventory (HLUI) database for the Phase I property was requested as part of this assessment. A response from the

City of Ottawa's HLUI database (HLUI) indicated that there were no activities associated with the Phase I property.

Based on the HLUI database, activities were identified on properties within the immediate area of the Phase I property. The activities were sufficiently far enough away however, that they are not considered to pose a risk to the Phase I property.

### **Environmental Risk Information Services (ERIS) Database Report**

An ERIS (Environmental Risk Information Service) Report was obtained for the Phase I Property and properties within a 250 m search radius. ERIS provides information from all federal and provincial databases, as well as private databases. No records were considered to represent PCAs within the Phase I study area. A copy of the ERIS report is appended in Appendix 2.

### **Aerial Photographs**

The latest aerial photograph taken in 2019 was reviewed as part of this assessment. No significant changes are apparent on the Phase I property and surrounding lands within the Phase I study area.

### **Water Bodies**

No natural water bodies are present within the Phase I study area. A stormwater management pond is located in the northern portion of the Phase I study area. There is also a creek situated north of the pond that runs to the northwest towards the Rideau River, located approximately 2 km west of the Phase I property.

### **Topographic Maps**

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. The topographic maps indicate that the general elevation of the Phase I property is approximately 90 m above sea level. The regional topography in the general area of the Phase I property slopes down in a northwesterly direction towards to 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 reviewed from the Natural Resources Canada – The Atlas of Canada website, as part of this assessment. According to the publication and mapping information, the subject site is situated within the St. Lawrence Lowlands. According to the description provided: *"The lowlands are plain-like areas that were affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features*

*associated with the ice sheets.*" The Phase I property is specifically located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

## **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 the available mapping information, the bedrock within the area of the Phase I property consists of sandstone and dolomite of the March Formation, whereas the surficial geology generally consists of offshore marine sediments consisting of clay and silt, with an overburden thickness ranging from 10 m to 15 m.

## **Water Well Records**

A search of the MECP's website for all drilled well records within 250 m of the Phase I property was conducted on April 20, 2022. The search identified five (5) well records within the Phase I study area. The records pertain to wells used for domestic and groundwater monitoring purposes, drilled in the area in between 1956 and 2014.

Based on the well record, the stratigraphy in the general area of the Phase I property consists of loam, underlain by silty clay, over limestone bedrock. The water table was encountered at an average depth of 24 to 27 m. Selected well records are appended in Appendix 2.

## **Site Reconnaissance**

Our site reconnaissance visit was conducted on April 22, 2022. Weather conditions were sunny, with a temperature of approximately 11° C. Mr. Joshua Dempsey from the Environmental Department of Paterson Group conducted the site inspection. In addition to the site, the uses of neighbouring properties within the Phase I study area were also assessed at the time of the site visit.

The Phase I property is currently undeveloped vacant land. Groundcover on-site is primarily long grasses with sparse treed areas primarily along the southern property limits. The remnants of an old access lane were observed on the southwest portion of the Phase I property.

The site is generally flat, although some areas are of lower elevation along the southern portion of the property. The regional topography generally slopes to the northeast, towards the stormwater management pond. Site drainage occurs primarily through infiltration. There was no ponded water observed on the ground surface at the time of the site visit.

No unidentified substances were observed on the Phase I Property during the site visit. No new potential environmental concerns were identified during the site visit. The surrounding properties were also observed during the site visit and are shown on Drawing PE4905-2 - Surrounding Land Use Plan.

### **Neighbouring Properties**

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

- North: Residential development and a stormwater management pond;
- East: Limebank Road, followed by vacant land;
- West: Residential development;
- South: Earl Armstrong Road, followed by vacant land.

No PCAs were identified at the time of the site visit and as such, there are no APECs. Current land use in the Phase I Study area is illustrated on Drawing PE4905-2 - Surrounding Land Use Plan in the Figures section of this report.

## **Review and Evaluation of Information**

### **Land Use History**

Based on a review of available historical information, the Phase I property has never been formally developed.

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

Based on Paterson's previous assessment, there are no new PCAs on-site or within the Phase I study area.

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

There are no APECs on the Phase I Property and as such, no Contaminants of Potential Concern (CPCs) are present on the Phase I Property.

## **Conceptual Site Model**

### **Geological and Hydrogeological Setting**

According to the Geological Survey of Canada website, the bedrock in the area of the Phase I Property is reported to consist of sandstone and dolomite of the March Formation.

The overburden is reported to consist of offshore marine sediments consisting of clay and silt, with an overburden thickness of depths ranging from 10 to 15 m over the entire site.

The regional topography slopes down towards the northwest. Groundwater in the northern portion of the Phase I property and study area is inferred to flow towards the stormwater management pond. Groundwater in the southern portion of the Phase I property and study area is inferred to flow towards the storm management system along Earl Armstrong Road.

### **Existing Buildings and Structures**

There are no buildings on the Phase I property. A catch basin is present at the southern boundary of the Phase I property, along Earl Armstrong Road.

### **Water Bodies and Areas of Natural Significance**

No natural water bodies are present within the Phase I study area. A stormwater management pond is present approximately 30 m north of the Phase I property. No other water bodies are present on the Phase I property or within the Phase I study area. The Rideau River is present approximately 2 km west of the Phase I property. No areas of natural significance were identified on-site or within the Phase I study area.

### **Drinking Water Wells**

The Phase I property is located within a municipally serviced area; however several MECP potable water well records were identified within the Phase I study area, to the northeast and east of the site, dating back to 1956 and 1984.

### **Neighbouring Land Use**

Neighbouring land use in the Phase I Study Area primarily consists of residential, community/parkland, and vacant land.

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

No new Potentially Contaminating Activities (PCAs) were identified on the Phase I Property or on lands within the Phase I Study Area that would result in Areas of Potential Environmental Concerns (APECs).

### **Contaminants of Potential Concern**

No contaminants of potential concern were identified in the Phase I ESA Update.

## **Assessment of Uncertainty and/or Absence of Information**

The information available for review as part of the preparation of this Phase I ESA is considered to be sufficient to conclude that there are no new potentially contaminating activities (PCAs) on the Phase I Property or neighbouring lands that would generate areas of potential environmental concern (APECs).

The absence of PCAs generating APECs was confirmed by a variety of independent sources. As such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

## **Conclusions**

As a result of the additional historical research and follow-up site visit undertaken as part of this assessment in order to meet the requirements of O.Reg. 153/04, as amended, **it is our opinion that a Phase II ESA is not required for the subject site.**

## **Statement of Limitations**

This Phase I - Environmental Site Assessment Update report has been prepared in general accordance with Ontario Regulation 153/04, as amended, under the Environmental Protection Act. 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 Update are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment.

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

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

We trust that this submission satisfies your current requirements. Should you have any questions please contact the undersigned.



**Paterson Group Inc.**



Joshua Dempsey, B.Sc.



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



**Report Distribution:**

- Urbandale Corporation
- Paterson Group

**Figures:**

- Figure 1 – Key Plan
- Figure 2 – Topographic Map
- Drawing PE4905-1 – Site Plan
- Drawing PE4905-2 – Surrounding Land Use Plan

**Appendix:**

- MECP Well Records
- TSSA Response
- HLUI Response
- ERIS Report

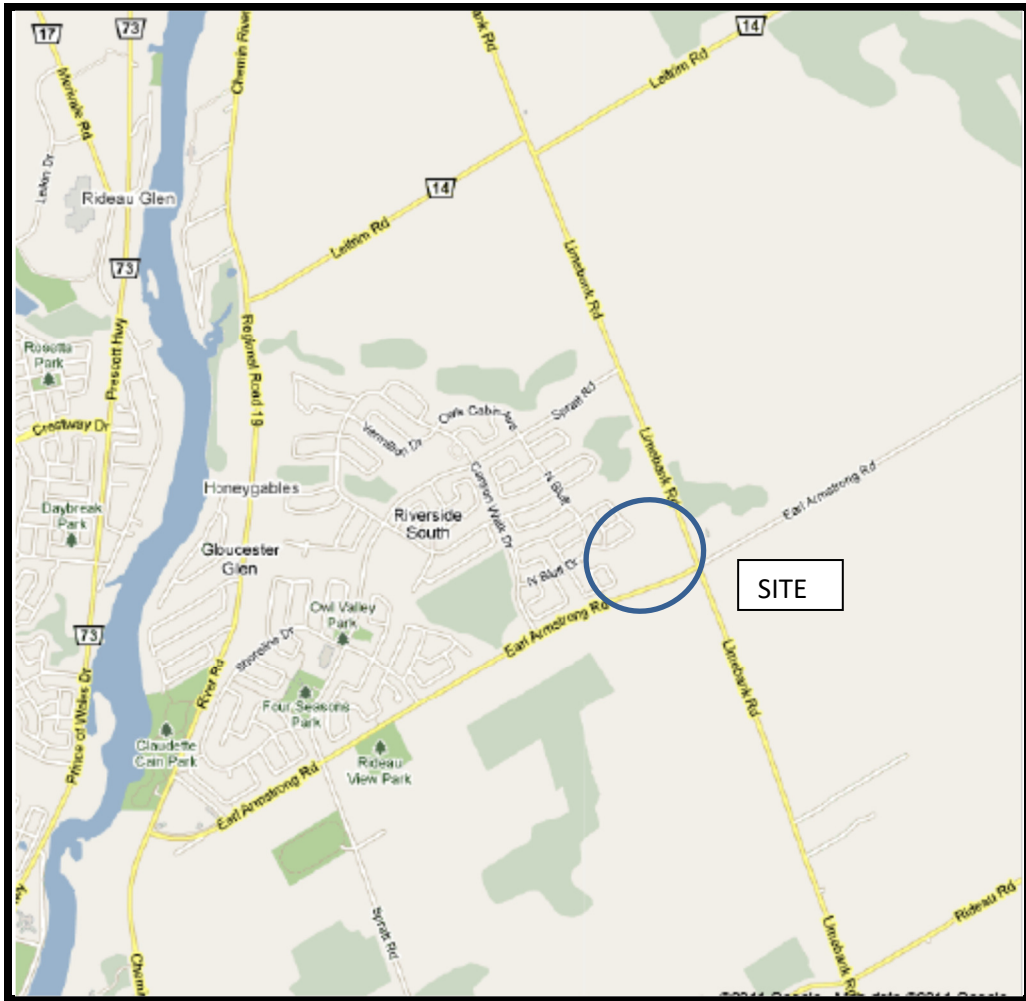


FIGURE 1  
KEY PLAN

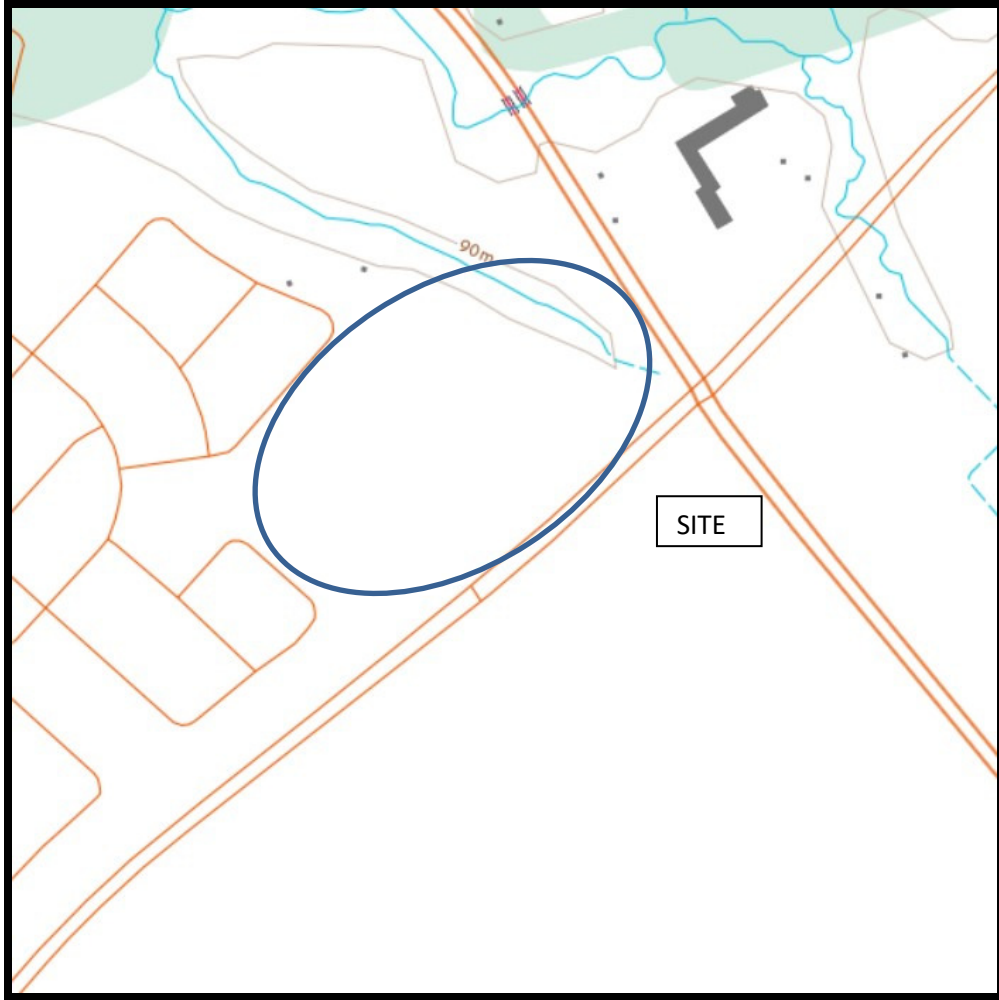
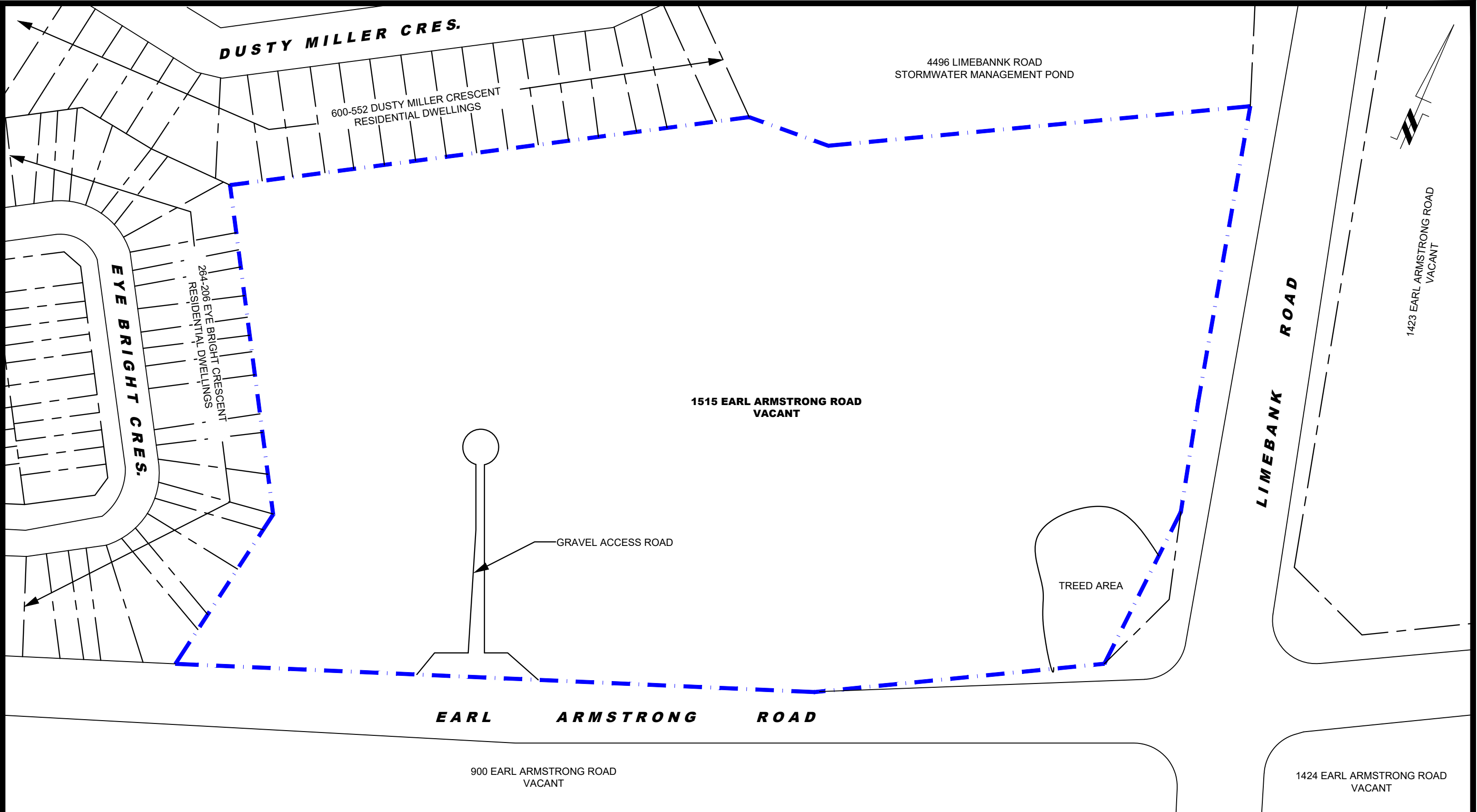


FIGURE 2  
TOPOGRAPHIC MAP



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consulting engineers

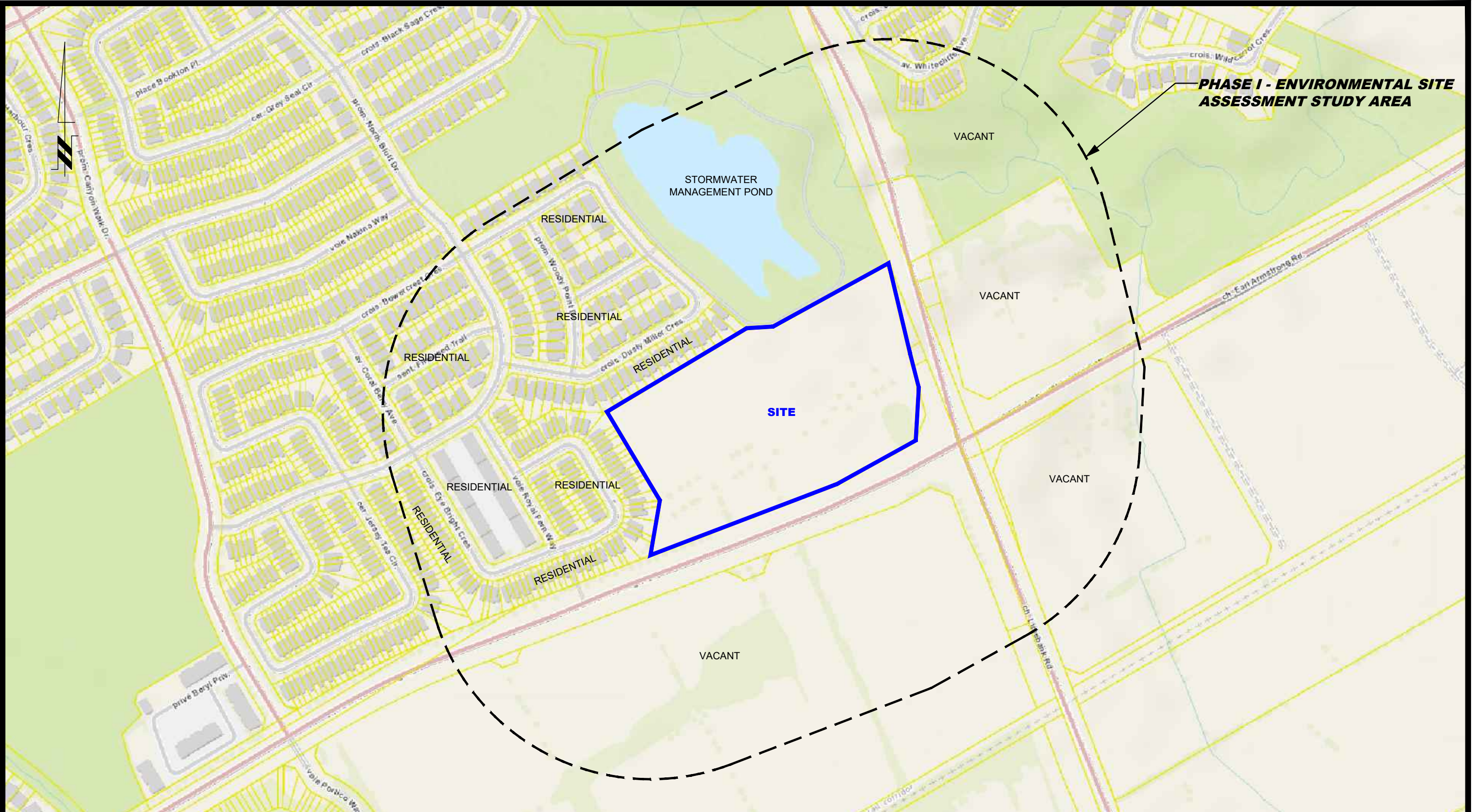
154 Colonnade Road South  
Ottawa, Ontario K2E 7J5  
Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL

URBANDALE CORPORATION  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
 1515 EARL ARMSTRONG ROAD  
 OTTAWA, ONTARIO  
 Title: **SITE PLAN**

Scale: 1:1250  
 Drawn by: YA  
 Checked by: KAM  
 Approved by: MSD

Date: 04/2020  
 Report No.: PE4905-1  
 Dwg. No.: **PE4905-1**  
 Revision No.:



**patersongroup**  
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

URBANDALE CORPORATION  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
 1515 EARL ARMSTRONG ROAD  
 OTTAWA, ONTARIO  
 Title: **SURROUNDING LAND USE PLAN**

Scale: 1:4000  
 Drawn by: YA  
 Checked by: KAM  
 Approved by: MSD

Date: 04/2020  
 Report No.: PE4905-1  
 Dwg. No.: **PE4905-2**  
 Revision No.:

UTM 1182 4476110E

5R 5014330N

Elev. 412 03011

Basin 12511

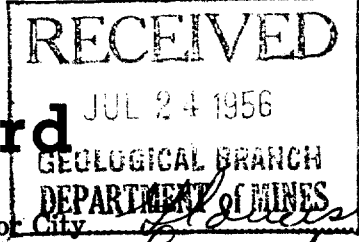
Lot 20

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>			

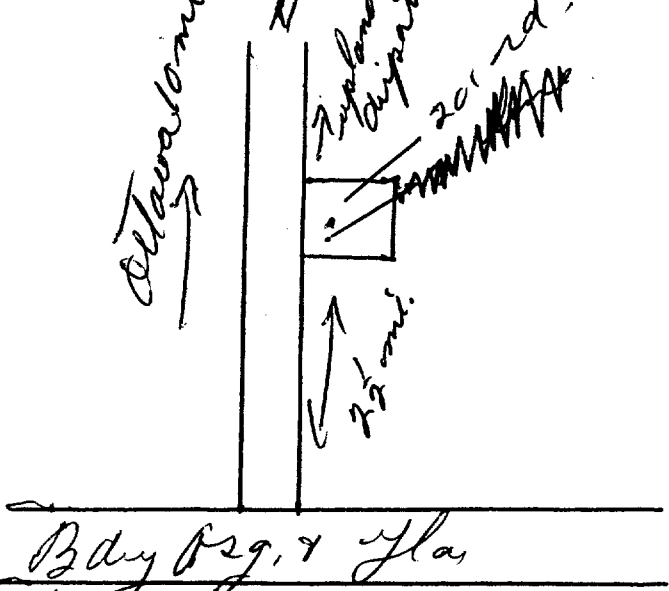
For what purpose(s) is the water to be used? home  
Is water clear or cloudy? clear  
Is well on upland, in valley, or on hillside? hillside  
Drilling firm M. M. Seagh  
Address 639 Hawthornwood  
Ottawa.  
Name of Driller M. M. Seagh  
Address  
Licence Number 171

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.

# 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

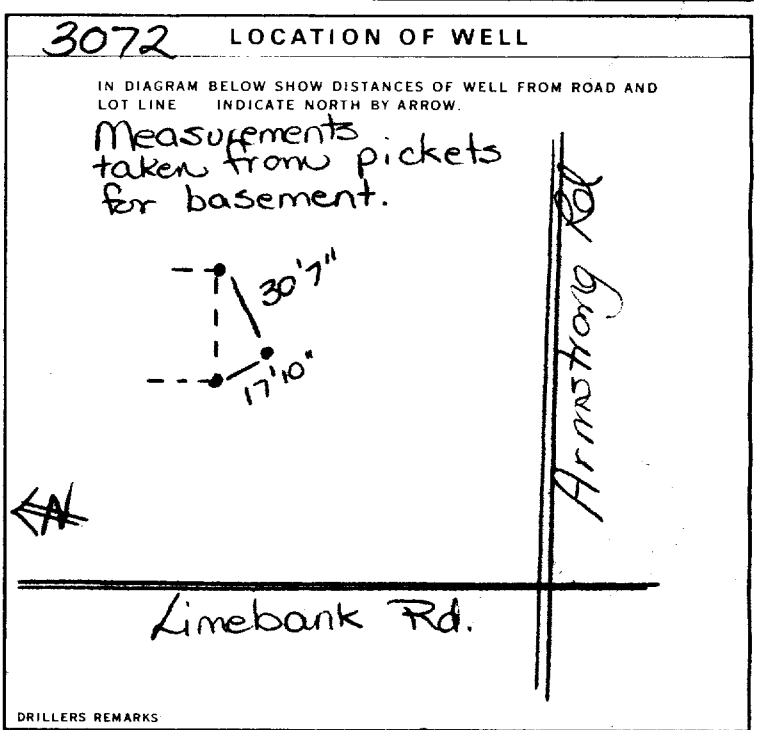
INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
06	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	188	0	0053
06	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE		53	0090
	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
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:
		15 MINUTES: 050 FEET
		30 MINUTES: 050 FEET
		45 MINUTES: 050 FEET
		60 MINUTES: 050 FEET
RECOMMENDED PUMP TYPE: <input checked="" 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: \_\_\_\_\_

## 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

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

### Method of Construction & Well Use

<b>Method of Construction</b>	<b>Well Use</b>

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	
Pumping Rate	

<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 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>)

Updated: October 18, 2021

Published: March 20, 2014

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[accessibility \(https://www.ontario.ca/page/accessibility\)](https://www.ontario.ca/page/accessibility)

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---

[Go Back to Map](#)

### Well ID

Well ID Number: 7224165

Well Audit Number: Z187781

Well Tag Number: A164481

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

### Well Location

<b>Address of Well Location</b>	1420 EARL ARMSTONG
<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: 447849.00 Northing: 5014363.00
<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>
BRWN	LOAM		SOFT	0 m	.31 m
BRWN	SAND	CLAY	SOFT	.31 m	1.5 m
BRWN	SILT	CLAY	SOFT	1.5 m	3.66 m
GREY	SILT	CLAY	SOFT	3.66 m	4.57 m

### Annular Space/Abandonment Sealing Record

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

### Method of Construction & Well Use

<b>Method of Construction</b>	<b>Well Use</b>

Direct Push	
	Monitoring and Test Hole

## Status of Well

Observation Wells

## Construction Record - Casing

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

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 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

<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 From	Depth To	Diameter
0 m	4.57 m	

**Audit Number:** Z187781

**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>)

Updated: October 18, 2021  
Published: March 20, 2014

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## 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: 7224166

Well Audit Number: Z187782

Well Tag Number: A164483

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

### Well Location

<b>Address of Well Location</b>	1420 EARL ARMSTONG
<b>Township</b>	GLOUCESTER TOWNSHIP
<b>Lot</b>	021
<b>Concession</b>	RF 02
<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: 447849.00 Northing: 5014326.00
<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	3.66 m
GREY	SILT	CLAY	SOFT	3.66 m	4.57 m

### Annular Space/Abandonment Sealing Record

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

### Method of Construction & Well Use

<b>Method of Construction</b>	<b>Well Use</b>

Direct Push	
	Monitoring and Test Hole

## Status of Well

Observation Wells

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.08 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	
Pumping Rate	

<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 From	Depth To	Diameter
0 m	4.57 m	8.25 cm

**Audit Number:** Z187782

**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>)

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## Joshua Dempsey

---

**From:** Public Information Services <publicinformationsservices@tssa.org>  
**Sent:** April 25, 2022 4:19 PM  
**To:** Joshua Dempsey  
**Subject:** RE: Search Records Request (PE4905)

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

### **NO RECORD FOUND**

Hello,

Thank you for your request for confirmation of public information.

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

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

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

Kind regards,

Mariah



#### **Public Information Agent**

Facilities and Business Services  
345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)  
[www.tssa.org](http://www.tssa.org)



---

**From:** Joshua  
Dempsey

<JDempsey@patersongroup.ca>

**Sent:** April 25, 2022 2:21 PM

**To:** Public Information Services <publicinformationsservices@tssa.org>

**Subject:** Search Records Request (PE4905)

**[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 afternoon,

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

Earl Armstrong Road: 980, 1423, 1424, 1475, 1515  
Limebank Road: 4496

Eye Bright Crescent: 97, 228  
Dusty Miller Crescent: 566, 578

Cheers,

Joshua Dempsey, B.Sc.

**paterongroup**  
**solution oriented engineering**  
**over 60 years serving our clients**

154 Colonnade Road South  
Ottawa, Ontario, K2E 7J5  
Cell: (343) 996 - 3150

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File Number: D06-03-20-0057

May 25,2020

Kelly Martinell  
Paterson Group  
154 Colonnade Road South  
Ottawa, ON  
K2E 7J5

*Sent via email kmartinell@patersongroup.ca*

Dear Ms. Martinell

**Re: Information Request  
1515 Earl Armstrong Road, Ottawa, Ontario (“Subject Property”)**

**Internal Department Circulation**

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

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

**Search of Historical Land Use Inventory**

**This acknowledges receipt of the signed Disclaimer regarding your request for information from the City’s Historical Land Use Inventory (HLUI 2005) database for the Subject Property.**

A search of the HLUI database revealed the following information:

- There are no activities associated with the Subject Property.

The HLUI database was also searched for activity associated with properties located within 250m of the Subject Property. The search revealed the following:

- There are 2 activities associated with properties located within 250m of the Subject Property: Activity Numbers 10081 and 8631.

*Shaping our future together  
Ensemble, formons notre avenir*

City of Ottawa  
Planning, Infrastructure and Economic  
Development Department

110 Laurier Avenue West, 4th Floor  
Ottawa, ON K1P 1J1  
Tel: (613) 580-2424 ext. 21690  
Fax: (613) 560-6006  
www.ottawa.ca

Ville d'Ottawa  
Services de la planification, de l'infrastructure et  
du développement économique

110, avenue Laurier Ouest, 4e étage  
Ottawa (Ontario) K1P 1J1  
Tél.: (613) 580-2424 ext. 21690  
Télééc: (613) 560-6006  
www.ottawa.ca

Please note that certain activities have been identified to have a PIN Certainty of “2”. This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the property. All database entries with a PIN Certainty of “2” require independent verification as to their precise location.

A **site map** and **table** have been included to show the location of the Subject Property as well as the location of all the activities noted above, including the HLUI database’s location of the Activity Numbers with a PIN Certainty of “2”.

Additional information may be obtained by contacting:

### **Ontario’s Environmental Registry**

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

### **The Ontario Land Registry Office**

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

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

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

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

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

If you have any further questions or comments, please contact Seana Turkington at 613-580-2424 ext. 27790 or [HLUI@ottawa.ca](mailto:HLUI@ottawa.ca)

Sincerely,



Seana Turkington

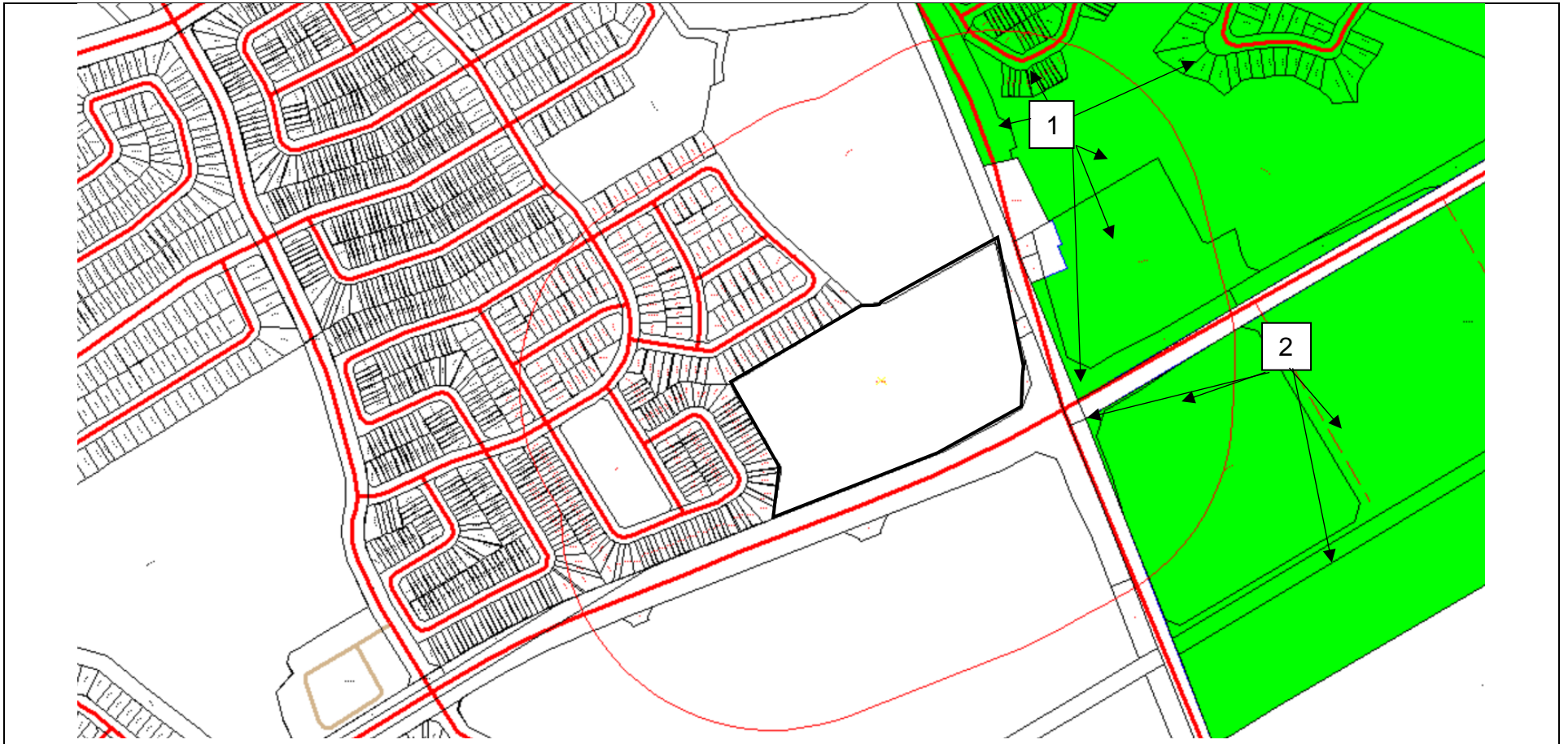
Per:

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

MB/ ST

Enclosures.

cc: File no. D06-03-20-0057




Scale 1: n/a

1515 Earl Armstrong Road  
Ottawa, ON  
File # D06-03-20-0057  
Seana Turkington



Overview

ID# = Area Number

 = Subject Site

Area	Associated HLUI Activities	HLUI Activities with a PIN Certainty of "2" *
Subject Property	There are no HLUI activities associated with the subject property.	
1	10081	
2	8631	8631

\*This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.





# Historical Land Use Inventory

## Area 1 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_670HYZ

AREA (Square Metres): 3511665.426

Report: RPTC\_OT\_DEV0122

Run On: 22 May 2020 at: 11:14:29

Study Year  
1998

PIN  
043310313

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 10081 Multiple PINS: Y  
PIN Certainty: 1 Previous Activity ID(s) : 6424  
Related PINS: 040550156

Name: OTTAWA INTERNATIONAL AIRPORT/CFB OTTAWA  
Address: , OTTAWA

Facility Type: Aircraft and Aircraft Parts Industry

Comments 1: In 1922 this site was known as the Uplands Airport and the size of the area was smaller. Gravel Pit #1 UTM = 451000E, 5015950N (1967). Gravel Pit #2 UTM = 450000E, 5017000N (1967).

Comments 2: (see file for additional comments)

Generator Number:

Storage Tanks: 4 Vertical Tanks (1967, 1985 - not water), 2 Horizontal Tanks (1985 - not water).

HL References 1: 1922-DMD-TM-Ottawa, Sheet #14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed.,

HL References 2:

HL References 3:

NAICS	SIC
488119	452
336410	321
911110	811
238910	412
336320	321
412110	511
454310	511
488190	452
561722	452
212323	82
419120	511
488111	452
532410	452

Company Name

Kenting Earth Sciences Intl. Corp.

Ottawa International Airport/CFB Ottawa

Aviall Canada Ltd.

Year of Operation

c. 1994

c. 1919-1999

c. 1998



# Historical Land Use Inventory

## Area 2 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_670HY3

AREA (Square Metres): 3606650.439

Report: RPTC\_OT\_DEV0122

Run On: 22 May 2020 at: 11:15:26

Study Year  
1998

PIN  
043290001

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 8631 Multiple PINS: Y

PIN Certainty: 2 Previous Activity ID(s) : 6489

Related PINS: 043290001

Name: MODERN FARM SUPPLIES LIMITED

Address: , GLOUCESTER

Facility Type: Motor Vehicles, Wholesale

Comments 1: Conn. 2, part lot 23

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: Assessment Role 1953 (p. # unknown)

HL References 2:

HL References 3:

NAICS	SIC
415190	551
415120	551
417110	571
811310	551
811111	551
415110	551

Company Name

Modern Farm Supplies Ltd.

Year of Operation

c. 1953



# DATABASE REPORT

**Project Property:** *Phase I ESA  
1515 Earl Armstrong Road  
Gloucester ON K1X  
PE4905*

**Project No:** *PE4905*

**Report Type:** *Standard Report*

**Order No:** *20200317199*

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

**Date Completed:** *March 20, 2020*

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# Executive Summary

## Property Information:

**Project Property:** *Phase I ESA  
1515 Earl Armstrong Road Gloucester ON K1X*

**Project No:** *PE4905*

## **Coordinates:**

**Latitude:** *45.2809019*  
**Longitude:** *-75.669753*  
**UTM Northing:** *5,014,373.97*  
**UTM Easting:** *447,471.79*  
**UTM Zone:** *18T*

**Elevation:** *298 FT  
90.88 M*

## Order Information:

**Order No:** *20200317199*  
**Date Requested:** *March 17, 2020*  
**Requested by:** *Paterson Group Inc.*  
**Report Type:** *Standard Report*

## Historical/Products:

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
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 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
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	4	4
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	0	0
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
FED TANKS	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</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
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



<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Within 0.25 km</b>	<b>Total</b>
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	1	1
<b>Total:</b>			0	9	9

## Executive Summary: Site Report Summary - Project Property

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

## Executive Summary: Site Report Summary - Surrounding Properties

<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>	HINC		250 CROISSANT EYE BRIGHT GLOUCESTER ON K1V 2K7	W/196.4	0.00	<a href="#">13</a>
<a href="#">2</a>	HINC		573 DUSTY MILLER CRESCENT GLOUCESTER ON K1V 2K2	WNW/207.9	0.00	<a href="#">13</a>
<a href="#">3</a>	CA	City of Ottawa	Limebank Road and Earl Armstrong Rd Ottawa ON	E/210.4	1.05	<a href="#">14</a>
<a href="#">3</a>	CA	City of Ottawa	Limebank Road and Earl Armstrong Rd Ottawa ON	E/210.4	1.05	<a href="#">14</a>
<a href="#">3</a>	ECA	City of Ottawa	Limebank Road and Earl Armstrong Ottawa ON K1P 1J1	E/210.4	1.05	<a href="#">14</a>
<a href="#">3</a>	ECA	City of Ottawa	Limebank Road and Earl Armstrong Ottawa ON K2G 6J8	E/210.4	1.05	<a href="#">14</a>
<a href="#">4</a>	ECA	Riverside South Development Corp.	980 Earl Armstrong Rd Part of and 1420 Earl Armstrong Road Ottawa ON K1G 2H5	SE/241.2	1.00	<a href="#">15</a>
<a href="#">5</a>	ECA	City of Ottawa	4496 Limebank Rd Ottawa ON K1J 8G8	NNW/242.6	-0.84	<a href="#">15</a>
<a href="#">6</a>	WWIS		lot 20 con 2 ON <b>Well ID:</b> 1501711	NE/245.5	-1.44	<a href="#">15</a>

# Executive Summary: Summary By Data Source

## **CA - Certificates of Approval**

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

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</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	E	210.45	<a href="#"><u>3</u></a>
City of Ottawa	Limebank Road and Earl Armstrong Rd Ottawa ON	E	210.45	<a href="#"><u>3</u></a>

## **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011-Feb 29, 2020 has found that there are 4 ECA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
City of Ottawa	Limebank Road and Earl Armstrong Ottawa ON K1P 1J1	E	210.45	<a href="#"><u>3</u></a>
City of Ottawa	Limebank Road and Earl Armstrong Ottawa ON K2G 6J8	E	210.45	<a href="#"><u>3</u></a>
Riverside South Development Corp.	980 Earl Armstrong Rd Part of and 1420 Earl Armstrong Road Ottawa ON K1G 2H5	SE	241.24	<a href="#"><u>4</u></a>

<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
City of Ottawa	4496 Limebank Rd Ottawa ON K1J 8G8	NNW	242.61	<a href="#"><u>5</u></a>

## **HINC - TSSA Historic Incidents**

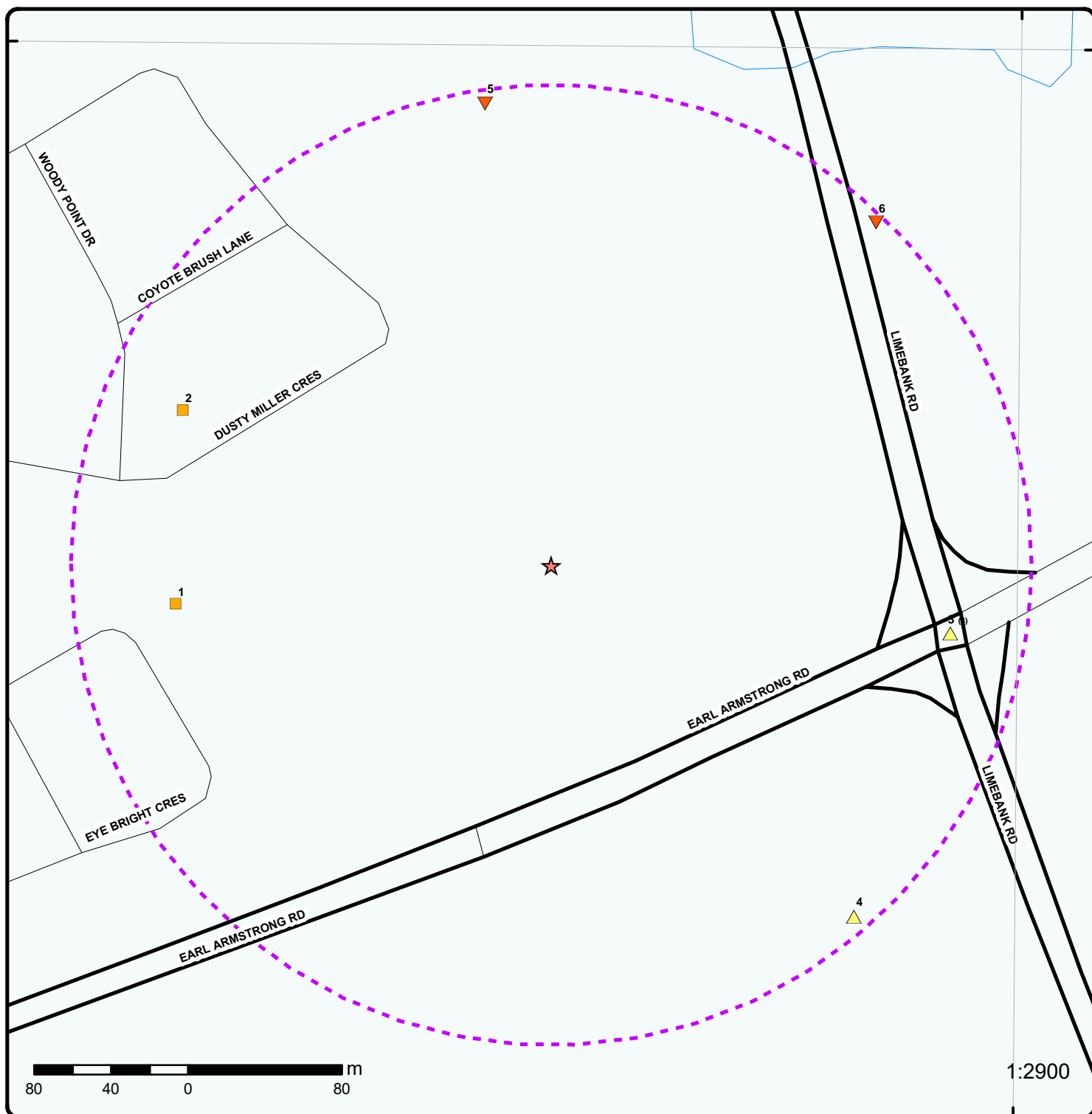
A search of the HINC database, dated 2006-June 2009\* has found that there are 2 HINC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	250 CROISSANT EYE BRIGHT GLOUCESTER ON K1V 2K7	W	196.43	<a href="#">1</a>
	573 DUSTY MILLER CRESCENT GLOUCESTER ON K1V 2K2	WNW	207.87	<a href="#">2</a>

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

A search of the WWIS database, dated Feb 28, 2019 has found that there are 1 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 20 con 2 ON  <i>Well ID:</i> 1501711	NE	245.48	<a href="#">6</a>



### Map : 0.25 Kilometer Radius

Order Number: 20200317199

Address: 1515 Earl Armstrong Road, Gloucester, ON

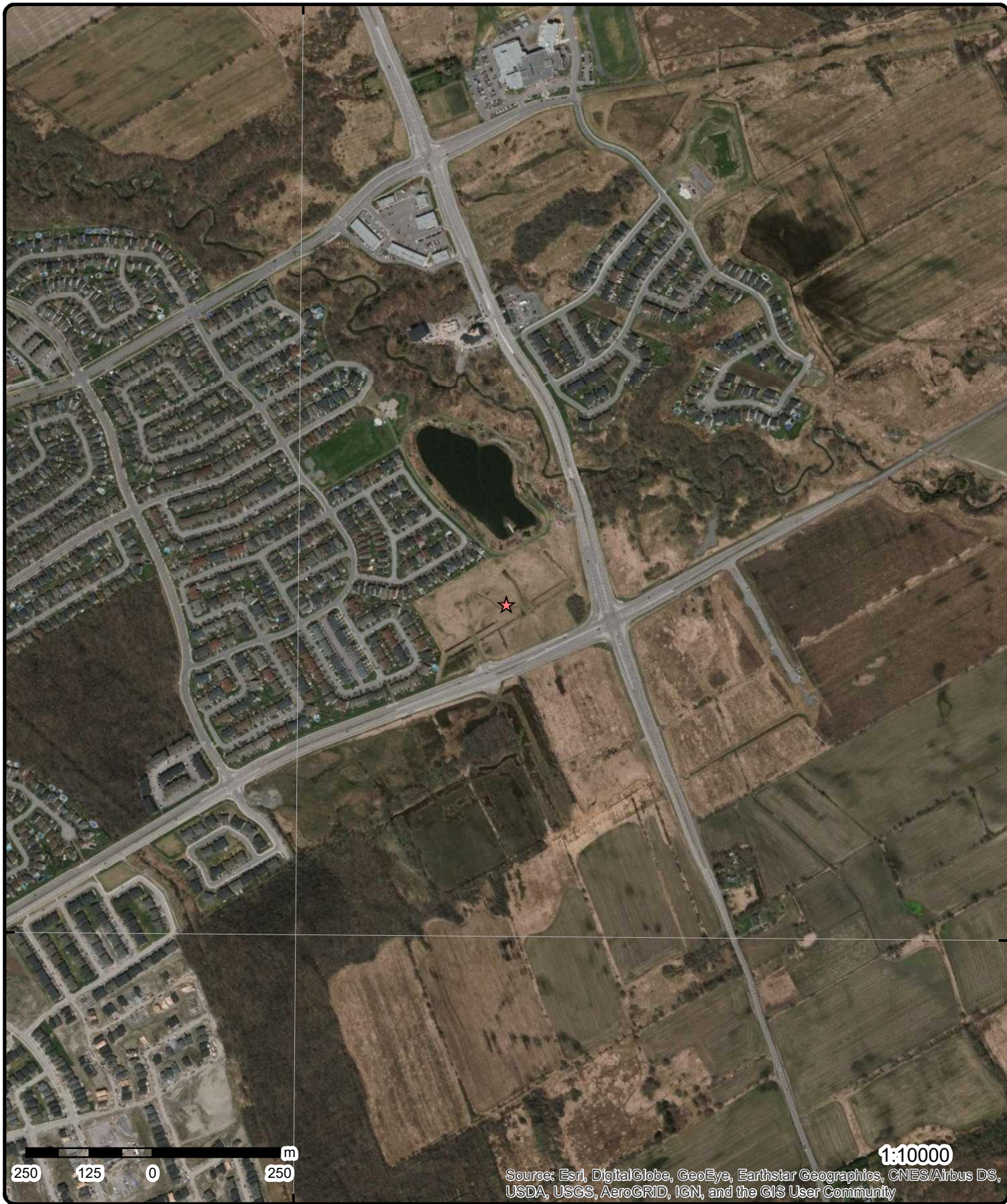


Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range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

75°40'30"W

45°16'30"N

45°16'30"N



**Aerial** Year: 2019

**Address: 1515 Earl Armstrong Road, Gloucester, ON**

Source: ESRI World Imagery

Order Number: 20200317199



© ERIS Information Limited Partnership



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

# Topographic Map

**Address: 1515 Earl Armstrong Road, ON**

Source: ESRI World Topographic Map

Order Number: 20200317199



© ERIS Information Limited Partnership



# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#"><u>1</u></a>	1 of 1	<b>W/196.4</b>	<b>90.9 / 0.00</b>	<b>250 CROISSANT EYE BRIGHT GLOUCESTER ON K1V 2K7</b>	<b>HINC</b>
<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 0809-05114 Pipeline Strike 8/29/2008 Natural Gas 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			
<a href="#"><u>2</u></a>	1 of 1	<b>WNW/207.9</b>	<b>90.9 / 0.00</b>	<b>573 DUSTY MILLER CRESCENT GLOUCESTER ON K1V 2K2</b>	<b>HINC</b>
<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 0805-02017 Pipeline Strike 4/24/2008 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:No Maintenance:No Design:No Training:No 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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">3</a>	1 of 4	E/210.4	91.9 / 1.05	City of Ottawa Limebank Road and Earl Armstrong Rd Ottawa ON	CA
<p><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></p>					
<a href="#">3</a>	2 of 4	E/210.4	91.9 / 1.05	City of Ottawa Limebank Road and Earl Armstrong Rd Ottawa ON	CA
<p><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></p>					
<a href="#">3</a>	3 of 4	E/210.4	91.9 / 1.05	City of Ottawa Limebank Road and Earl Armstrong Ottawa ON K1P 1J1	ECA
<p><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>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></p> <p><b>MOE District:</b> Ottawa  <b>City:</b>  <b>Longitude:</b> -75.6776  <b>Latitude:</b> 45.275000000000006  <b>Geometry X:</b>  <b>Geometry Y:</b></p>					
<a href="#">3</a>	4 of 4	E/210.4	91.9 / 1.05	City of Ottawa Limebank Road and Earl Armstrong Ottawa ON K2G 6J8	ECA
<p><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>MOE District:</b> Ottawa  <b>City:</b>  <b>Longitude:</b> -75.6776  <b>Latitude:</b> 45.275000000000006  <b>Geometry X:</b></p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SWP Area Name:</b> Rideau Valley <b>Geometry Y:</b> <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS <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>					
<a href="#">4</a>	1 of 1	SE/241.2	91.9 / 1.00	Riverside South Development Corp. 980 Earl Armstrong Rd Part of and 1420 Earl Armstrong Road Ottawa ON K1G 2H5	ECA
<b>Approval No:</b> 0965-A7HJ9E <b>MOE District:</b> <b>Approval Date:</b> 2016-03-13 <b>City:</b> <b>Status:</b> Approved <b>Longitude:</b> <b>Record Type:</b> ECA <b>Latitude:</b> <b>Link Source:</b> IDS <b>Geometry X:</b> <b>SWP Area Name:</b> <b>Geometry Y:</b> <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Address:</b> 980 Earl Armstrong Rd Part of and 1420 Earl Armstrong Road <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/6616-A79RGP-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/6616-A79RGP-14.pdf</a>					
<a href="#">5</a>	1 of 1	NNW/242.6	90.0 / -0.84	City of Ottawa 4496 Limebank Rd Ottawa ON K1J 8G8	ECA
<b>Approval No:</b> 9645-BGKHQT <b>MOE District:</b> <b>Approval Date:</b> 2019-10-24 <b>City:</b> <b>Status:</b> Approved <b>Longitude:</b> <b>Record Type:</b> ECA <b>Latitude:</b> <b>Link Source:</b> IDS <b>Geometry X:</b> <b>SWP Area Name:</b> <b>Geometry Y:</b> <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Address:</b> 4496 Limebank Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/5757-BFWRXG-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/5757-BFWRXG-14.pdf</a>					
<a href="#">6</a>	1 of 1	NE/245.5	89.4 / -1.44	lot 20 con 2 ON	WWIS
<b>Well ID:</b> 1501711 <b>Data Entry Status:</b> <b>Construction Date:</b> <b>Data Src:</b> 1 <b>Primary Water Use:</b> Domestic <b>Date Received:</b> 7/24/1956 <b>Sec. Water Use:</b> 0 <b>Selected Flag:</b> Yes <b>Final Well Status:</b> Water Supply <b>Abandonment Rec:</b> <b>Water Type:</b> <b>Contractor:</b> 3601 <b>Casing Material:</b> <b>Form Version:</b> 1 <b>Audit No:</b> <b>Owner:</b> <b>Tag:</b> <b>Street Name:</b> <b>Construction Method:</b> <b>County:</b> OTTAWA-CARLETON <b>Elevation (m):</b> <b>Municipality:</b> GLOUCESTER TOWNSHIP <b>Elevation Reliability:</b> <b>Site Info:</b> <b>Depth to Bedrock:</b> <b>Lot:</b> 020 <b>Well Depth:</b> <b>Concession:</b> 02 <b>Overburden/Bedrock:</b> <b>Concession Name:</b> RF <b>Pump Rate:</b> <b>Easting NAD83:</b> <b>Static Water Level:</b> <b>Northing NAD83:</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>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	10023754			<b>Elevation:</b>	92.061653
<b>DP2BR:</b>	42			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>	r			<b>East83:</b>	447640.8
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	5014552
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	5
<b>Date Completed:</b>	5/17/1956			<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>				<b>Location Method:</b>	p5
<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>	930992597				
<b>Layer:</b>	2				
<b>Color:</b>	2				
<b>General Color:</b>	GREY				
<b>Mat1:</b>	15				
<b>Most Common Material:</b>	LIMESTONE				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	42				
<b>Formation End Depth:</b>	80				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	930992596				
<b>Layer:</b>	1				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	05				
<b>Most Common Material:</b>	CLAY				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	0				
<b>Formation End Depth:</b>	42				
<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>					
<b>Method Construction Code:</b>	1				
<b>Method Construction:</b>	Cable Tool				

<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>		10572324			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930040345			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		45			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930040346			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		80			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991501711			
<b>Pump Set At:</b>					
<b>Static Level:</b>		19			
<b>Final Level After Pumping:</b>		21			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		5			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<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>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933454437			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		80			
<b>Water Found Depth UOM:</b>		ft			

# Unplottable Summary

Total: 33 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Rideau Carleton Raceway Holdings Limited	Earl Armstrong Road, High Road, and Canyon Walk Drive	Ottawa ON	
CA	City of Ottawa	Limebank Road from Leitrim Road to Spratt Rd	Ottawa ON	
CA	City of Ottawa	River Road to Limebank Rd	Ottawa ON	
CA	Appleton Subdivision	Part of Lot 21, Concession 2	Ottawa ON	
CA	R.M. OF OTTAWA-CARLETON	LOTS 20-23, CONCESSION 1	OTTAWA CITY 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	Appleton Subdivision	Part of Lot 21, Concession 2	Ottawa ON	
CA	Riverside South Development Corp.		Ottawa ON	
CA	Riverside South Development Corp.	Geographic Township of Gloucester	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	Part of Lot 20, Concession 1	Ottawa ON	
CA	Riverside South Development Corp.		Ottawa ON	
CA	Riverside South Development Corp.	Geographic Township of Gloucester	Ottawa ON	
CA	City of Ottawa	River Road to Limebank Rd	Ottawa ON	

CA	Riverside South Development Corp.		Ottawa ON	
EBR	Riverside South Development Corporation (RSDC)		ON	
ECA	City of Ottawa	Earl Armstrong Rd River Road to Limebank Road	Ottawa ON	K1P 1J1
ECA	City of Ottawa	Earl Armstrong Rd (Earl Armstrong Road to River Road)	Ottawa ON	K1P 1J1
ECA	City of Ottawa	Earl Armstrong Rd	Ottawa ON	K1P 1J1
ECA	City of Ottawa	Limebank Road from Leitrim Road to Spratt Rd	Ottawa ON	K2G 6J8
ECA	Riverside South Development Corp.		Ottawa ON	K1G 2H5
GEN	ROBADAIR LTD.	BAY 6, 9 LIMEBANK ROAD - GLOUCESTER C/O BOX 5071, STATION "F"	OTTAWA ON	K2C 3H3
SPL		Limebank near Lietrim Rd	Ottawa ON	
WWIS		lot 21 con 1	ON	
WWIS		lot 20	ON	
WWIS		lot 20	ON	
WWIS		lot 20	ON	
WWIS		lot 20	ON	
WWIS		lot 20	ON	

# Unplottable Report

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

**Database:**  
*CA*

**Certificate #:** 8720-6HXK59  
**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:** *City of Ottawa*  
*Limebank Road from Leirim Road to Spratt Rd Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 8399-7YKTTC  
**Application Year:** 2009  
**Issue Date:** 12/18/2009  
**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:**

---

**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:** *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:** 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:**

---

**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 #:** 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:**

**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:**

---

**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:** 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:** 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:**

---

**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:**

---

**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:**

---

**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:**

---

**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:**

---

**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 #:** 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:**

---

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

**Database:**  
*EBR*

**EBR Registry No:** 012-7921  
**Ministry Ref No:** MNRF INST 49/16  
**Notice Type:** Instrument Decision  
**Notice Stage:** 848864526  
**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:** *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  
**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>

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

---

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

**Database:**  
*ECA*

**Approval No:** 5036-7SQR3Z  
**Approval Date:** 2009-06-08  
**Status:** Approved  
**MOE District:**  
**City:**  
**Longitude:**

**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal Drinking Water Systems  
**Project Type:** Municipal Drinking Water Systems  
**Address:** Earl Armstrong Rd (Earl Armstrong Road to River Road)  
**Full Address:**  
**Full PDF Link:**

**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

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

**Database:**  
**ECA**

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

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

---

**Site:** **City of Ottawa**  
**Limebank Road from Leitrim Road to Spratt Rd Ottawa ON K2G 6J8**

**Database:**  
**ECA**

**Approval No:** 8399-7YKTTC  
**Approval Date:** 2009-12-18  
**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  
**Address:** Limebank Road from Leitrim Road to Spratt Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/0867-7WSQ87-14.pdf>

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

---

**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  
**Address:**  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/3244-A6CPHG-14.pdf>

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

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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  
**Status:**  
**Approval Years:** 86,87,88  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 0007  
**PO Box No:**  
**Country:**  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**Site:**

Limebank near Lietrim Rd Ottawa ON

Database:

SPL

<b>Ref No:</b>	4507-744JQR	<b>Discharger Report:</b>	
<b>Site No:</b>		<b>Material Group:</b>	Oil
<b>Incident Dt:</b>		<b>Health/Env Conseq:</b>	
<b>Year:</b>		<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge Or Bypass To A Watercourse	<b>Sector Type:</b>	Other Motor Vehicle
<b>Incident Event:</b>		<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	13	<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	DIESEL FUEL	<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>	
<b>Environment Impact:</b>	Not Anticipated	<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>	Surface Water Pollution	<b>Site Lot:</b>	
<b>Receiving Medium:</b>	Water	<b>Site Conc:</b>	
<b>Receiving Env:</b>		<b>Northing:</b>	
<b>MOE Response:</b>	No Field Response	<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	6/12/2007	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>	6/15/2007	<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	Spill	<b>Source Type:</b>	
<b>Site Name:</b>	MVA<UNOFFICIAL>		
<b>Site County/District:</b>			
<b>Site Geo Ref Meth:</b>			
<b>Incident Summary:</b>	MVA, 3 L diesel to wet ditch, contained		
<b>Contaminant Qty:</b>	3 L		

**Site:**

lot 21 con 1 ON

Database:

WWIS

<b>Well ID:</b>	1531407	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	10/18/2000
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	1558
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>	220943	<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	OTTAWA-CARLETON
<b>Elevation (m):</b>		<b>Municipality:</b>	GLOUCESTER TOWNSHIP
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	021
<b>Well Depth:</b>		<b>Concession:</b>	01
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**Bore Hole Information**

<b>Bore Hole ID:</b>	10052941	<b>Elevation:</b>	
<b>DP2BR:</b>	0	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	v	<b>East83:</b>	
<b>Code OB Desc:</b>	Overburden below Bedrock	<b>North83:</b>	
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	9/27/2000	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	na
<b>Elevrc Desc:</b>			

*Location Source Date:*  
*Improvement Location Source:*  
*Improvement Location Method:*  
*Source Revision Comment:*  
*Supplier Comment:*

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

**Formation ID:** 931078403  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 12  
**Other Materials:** STONES  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 32  
**Formation End Depth:** 58  
**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:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 12  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931078402  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 81  
**Other Materials:** SANDY  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 12  
**Formation End Depth:** 32  
**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  
**Other Materials:** HARD  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 58  
**Formation End Depth:** 150  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933116576  
**Layer:** 1  
**Plug From:** 40  
**Plug To:** 0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:**  
**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:** 930092628  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930092629  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991531407  
**Pump Set At:**  
**Static Level:** 32  
**Final Level After Pumping:** 75  
**Recommended Pump Depth:** 125  
**Pumping Rate:** 6  
**Flowing Rate:**

**Recommended Pump Rate:** 5  
**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:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934113555  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 75  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934396059  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 100  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934914441  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 145  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934657550  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 125  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933491848  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 69  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933491849  
**Layer:** 2  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 142  
**Water Found Depth UOM:** ft

---

**Site:** lot 20 ON

**Database:**  
WWIS

**Well ID:** 1524118

**Data Entry Status:**

**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Recharge Well  
**Water Type:**  
**Casing Material:**  
**Audit No:** 56437  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Src:** 1  
**Date Received:** 1/26/1990  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA-CARLETON  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**  
**Lot:** 020  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10045890  
**DP2BR:** 26  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 10/4/1989  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 931056919  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 26  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931056920  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Other Materials:**  
**Mat3:**

**Other Materials:**  
**Formation Top Depth:** 26  
**Formation End Depth:** 63  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:**  
**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  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991524118  
**Pump Set At:**  
**Static Level:** 8  
**Final Level After Pumping:** 40  
**Recommended Pump Depth:** 40  
**Pumping Rate:** 20  
**Flowing Rate:**  
**Recommended Pump Rate:** 15  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934910098  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 40  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934107699  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 40

Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934652478  
Test Type:  
Test Duration: 45  
Test Level: 40  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934391928  
Test Type:  
Test Duration: 30  
Test Level: 40  
Test Level UOM: ft

**Water Details**

Water ID: 933482660  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 56  
Water Found Depth UOM: ft

**Site:**  
lot 20 ON

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

Well ID: 1522704  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 44190  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 10/31/1988  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 1517  
Form Version: 1  
Owner:  
Street Name:  
County: OTTAWA-CARLETON  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:  
Lot: 020  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10044514  
DP2BR: 58  
Spatial Status:  
Code OB: r  
Code OB Desc: Bedrock  
Open Hole:  
Cluster Kind:  
Date Completed: 9/23/1988  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:

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

Source Revision Comment:  
Supplier Comment:

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

Formation ID: 931052338  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 10  
Formation End Depth: 40  
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  
Other Materials: SAND  
Mat3:  
Other Materials:  
Formation Top Depth: 40  
Formation End Depth: 58  
Formation End Depth UOM: ft

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

Formation ID: 931052340  
Layer: 4  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 58  
Formation End Depth: 59  
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:  
Other Materials:  
Mat3:

**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 10  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933110013  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 20  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:**  
**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  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991522704  
**Pump Set At:**  
**Static Level:** 10  
**Final Level After Pumping:** 40  
**Recommended Pump Depth:** 40  
**Pumping Rate:** 30  
**Flowing Rate:**  
**Recommended Pump Rate:** 10  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 2  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934905070  
**Test Type:**  
**Test Duration:** 60

Test Level: 40  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111033  
Test Type:  
Test Duration: 15  
Test Level: 20  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656253  
Test Type:  
Test Duration: 45  
Test Level: 40  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386877  
Test Type:  
Test Duration: 30  
Test Level: 30  
Test Level UOM: ft

Water Details

Water ID: 933480697  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 58  
Water Found Depth UOM: ft

Site:  
lot 20 ON

Database:  
WWIS

Well ID: 1525335  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 79910  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 1/28/1991  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 2348  
Form Version: 1  
Owner:  
Street Name:  
County: OTTAWA-CARLETON  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:  
Lot: 020  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047073  
DP2BR: 48  
Spatial Status:

Elevation:  
Elevrc:  
Zone: 18



**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 12/6/1990  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

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

**Formation ID:** 931060813  
**Layer:** 3  
**Color:**  
**General Color:**  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 28  
**Other Materials:** SAND  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 30  
**Formation End Depth:** 48  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931060812  
**Layer:** 2  
**Color:**  
**General Color:**  
**Mat1:** 14  
**Most Common Material:** HARDPAN  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 14  
**Formation End Depth:** 30  
**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:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 14  
**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:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 48  
**Formation End Depth:** 55  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:**  
**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  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991525335  
**Pump Set At:**  
**Static Level:** 20  
**Final Level After Pumping:** 50  
**Recommended Pump Depth:** 43  
**Pumping Rate:** 10  
**Flowing Rate:**  
**Recommended Pump Rate:** 8  
**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:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934387571  
**Test Type:**  
**Test Duration:** 30

Test Level: 50  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648114  
Test Type:  
Test Duration: 45  
Test Level: 50  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905293  
Test Type:  
Test Duration: 60  
Test Level: 50  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111746  
Test Type:  
Test Duration: 15  
Test Level: 50  
Test Level UOM: ft

Water Details

Water ID: 933484296  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 50  
Water Found Depth UOM: ft

Site:  
lot 20 ON

Database:  
WWIS

Well ID: 1534331  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Abandoned-Other  
Water Type:  
Casing Material:  
Audit No: 257423  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 11/5/2003  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 1414  
Form Version: 2  
Owner:  
Street Name:  
County: OTTAWA-CARLETON  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:  
Lot: 020  
Concession:  
Concession Name: OF  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11097381  
DP2BR:  
Spatial Status:

Elevation:  
Elevrc:  
Zone: 18

**Code OB:** —  
**Code OB Desc:** No formation data  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 9/25/2003  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Method of Construction & Well Use**

**Method Construction ID:**  
**Method Construction Code:** 0  
**Method Construction:** Not Known  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11101096  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Site:** lot 20 ON

**Database:**  
**WWIS**

**Well ID:** 1524120  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 56440  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 1/26/1990  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA-CARLETON  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**  
**Lot:** 020  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10045892  
**DP2BR:** 27  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 10/4/1989  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**

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

Source Revision Comment:  
Supplier Comment:

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931056923  
Layer: 1  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 0  
Formation End Depth: 27  
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:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 27  
Formation End Depth: 63  
Formation End Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID:  
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: 930080337  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 30  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

**Casing ID:** 930080338  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 63  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991524120  
**Pump Set At:**  
**Static Level:** 8  
**Final Level After Pumping:** 40  
**Recommended Pump Depth:** 40  
**Pumping Rate:** 20  
**Flowing Rate:**  
**Recommended Pump Rate:** 15  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934107701  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 40  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934910100  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 40  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934391930  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 40  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934652480  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 40  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933482662

**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 55  
**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 Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

**Government Publication Date: Up to Sep 2019**

### **Abandoned Mine Information System:**

Provincial

[AMIS](#)

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

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

### **Anderson's Waste Disposal Sites:**

Private

[ANDR](#)

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

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

### **Aboveground Storage Tanks:**

Provincial

[AST](#)

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

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

### **Automobile Wrecking & Supplies:**

Private

[AUWR](#)

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

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

### **Borehole:**

Provincial

[BORE](#)

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

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



**Certificates of Approval:**

Provincial CA

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

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

**Dry Cleaning Facilities:**

Federal CDRY

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

**Government Publication Date: Jan 2004-Dec 2017**

**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: Feb 28, 2017**

**Chemical Register:**

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**

**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 2019**

**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 2019**

**Certificates of Property Use:**

Provincial CPU

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

**Government Publication Date: 1994-Jan 31, 2020**

**Drill Hole Database:**

Provincial DRL

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

**Government Publication Date: 1886 - Sep 2019**

**Environmental Activity and Sector Registry:**

Provincial [EASR](#)

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

**Government Publication Date: Oct 2011-Feb 29, 2020**

**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-Jan 31, 2020**

**Environmental Compliance Approval:**

Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

**Government Publication Date: Oct 2011-Feb 29, 2020**

**Environmental Effects Monitoring:**

Federal [EEM](#)

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

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

**ERIS Historical Searches:**

Private [EHS](#)

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

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

**Environmental Issues Inventory System:**

Federal [EIS](#)

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 EIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

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

**Emergency Management Historical Event:**

Provincial [EMHE](#)

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

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

**Environmental Penalty Annual Report:**

Provincial [EPAR](#)

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

**Government Publication Date: Jan 1, 2011 - Dec 31, 2018**

**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: Feb 28, 2017**

**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.

**Government Publication Date: Jun 2000-Nov 2019**

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

Federal FED TANKS

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

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

**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 2018**

**Fuel Storage Tank:**

Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

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

**Government Publication Date: Feb 28, 2017**

**Fuel Storage Tank - Historic:**

Provincial FSTH

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

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

**Ontario Regulation 347 Waste Generators Summary:**

Provincial GEN

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

**Government Publication Date: 1986-Jan 31, 2020**

**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 2017**

**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, 2017**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as 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 will include information such as site owner, site location and certificate of approval # and status.

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

**Canadian Mine Locations:**

Private

MINE

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

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

**Mineral Occurrences:**

Provincial

MNR

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

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

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

Federal

NATE

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

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

**Non-Compliance Reports:**

Provincial

NCPL

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

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

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

Federal

NDFT

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

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

**National Defense & Canadian Forces Spills:**

Federal

NDSP

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

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

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

Federal

NDWD

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

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

**National Energy Board Pipeline Incidents:**

Federal

NEBI

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

**Government Publication Date:** 2008-Dec 31, 2019

**National Energy Board Wells:**

Federal

NEBP

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

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

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

Federal

NEES

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

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

**National PCB Inventory:**

Federal

NPCB

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

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

**National Pollutant Release Inventory:**

Federal

NPRI

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

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

**Oil and Gas Wells:**

Private

OGWE

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

**Government Publication Date: 1988-Aug 31, 2019**

**Ontario Oil and Gas Wells:**

Provincial

OOGW

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

**Government Publication Date: 1800-Jun 2019**

**Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

**Orders:**

Provincial

ORD

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

**Government Publication Date: 1994-Jan 31, 2020**

**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: 1988-Feb 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 in 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, 2017**

**Private and Retail Fuel Storage Tanks:**

Provincial

PRT

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

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

**Permit to Take Water:**

Provincial

PTTW

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

**Government Publication Date: 1994-Jan 31, 2020**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date: 1986-2016**

**Record of Site Condition:**

Provincial RSC

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

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2020**

**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-Jan 31, 2020**

**Scott's Manufacturing Directory:**

Private SCT

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

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

**Ontario Spills:**

Provincial SPL

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

**Government Publication Date: 1988-Aug 2019**

**Wastewater Discharger Registration Database:**

Provincial SRDS

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

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

**Anderson's Storage Tanks:**

Private TANK

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

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

**Transport Canada Fuel Storage Tanks:**

Federal TCFT

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

**Government Publication Date: 1970-Aug 2018**

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

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

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

Provincial

[WDS](#)

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

**Government Publication Date: Oct 2011-Feb 29, 2020**

**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: Feb 28, 2019**



# 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.