



# PATERSON GROUP

September 12, 2023  
File: PE6257-LET.01

**Fernbank Apartments Inc.**  
206-555 Legget Drive (Tower A)  
Ottawa, Ontario  
K2K 2X3

Attention: **Ms. Pascale Lepine**

Subject: **Phase I-Environmental Site Assessment Update  
5000 Robert Grant Avenue  
Ottawa, Ontario**

## Consulting Engineers

9 Auriga Drive  
Ottawa, Ontario  
K2E 7T9  
Tel: (613) 26-7381

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

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

Dear Madame,

Further to your request, Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (ESA) Update for the aforementioned property. Phase I - Environmental Site Assessment (ESA) Update of 1000 Robert Grant Avenue, Block 203 of the Fernbank Village development, in the City of Ottawa, Ontario," completed by Paterson, dated June 2017.

This update report is intended to meet the requirements for an updated Phase I ESA, as per the MECP O.Reg. 153/04, as amended. This update report is to be read in conjunction with the 2017 Phase I ESA report.

## Site Information

The subject site, herein referred to as the Phase I Property is an irregularly shaped parcel of land with an approximate footprint of 2.01 hectares, situated directly northeast of Robert Grant Avenue and 130 metres southeast of Abbott Street East. The Phase I Property is currently vacant land undergoing development. The surrounding area is municipally serviced and comprised primarily of residential properties.

For the purpose of this report, the subject property is referred to as 5000 Robert Grant Avenue based on available information retrieved from the City of Ottawa. However, it should be noted that it has previously been referenced as 1000 Robert Grant Avenue and part of 360 Bobolink Ridge.





## Past Assessments

The following report was reviewed prior to conducting this assessment:

- “Phase I - Environmental Site Assessment, 360 Bobolink Ridge (Block 203-Fernbank Village), Ottawa, Ontario”, prepared by Paterson Group Inc., dated June 2, 2017.

At the time of the original Phase I ESA, the subject property was vacant land while the neighbouring lands were either vacant and residential or undergoing residential development. Based on the findings of the 2017 Phase I ESA, no significant concerns were identified with the use of the subject site or adjacent properties and a Phase II ESA was not recommended.

- “Phase I - Environmental Site Assessment Update, 1000 Robert Grant Avenue (Block 203-Fernbank Village), Ottawa, Ontario”, prepared by Paterson Group Inc., dated August 24, 2021.

The Phase I ESA Update was completed for due diligence. At the time of the assessment, the subject site existed as vacant land undergoing sit development. Based on the findings of the update, no significant concerns were identified with the use of the subject site or adjacent properties and a Phase II ESA was not recommended.

- “Soil Quality Assessment, 5000 Robert Grant Avenue, Ottawa, Ontario”, prepared by Paterson Group and dated January 17, 2022.

A test pit program was carried out for the subject property on December 10, 2021. At that time, representative grab samples were recovered from 24 test pit locations (TP1-21 to TP24-21). The test pits were advanced using an excavator and terminated at depths ranging from approximately 1.4 m to 4.0 m below ground surface. A total of 65 soil samples were recovered from the test pit locations, 24 of which were submitted for laboratory analysis.

Twenty-four (24) representative soil samples were submitted to Paracel Laboratories (Paracel) in Ottawa for bulk analysis of benzene, ethylbenzene, toluene and xylenes (BTEX), petroleum hydrocarbons (PHCs, Fractions F1 to F4), metals and inorganics.

Analytical results were also compared to MECP Table 3 Residential/Parkland/Institutional for coarse grained soils, which are considered to represent the site-specific standards, in the event that soils will remain on-site.



A total of 65 soil samples were collected from various locations from within the subject site. Of the 65 samples, 24 representative samples of the various layers were submitted to Parcel Laboratories for analyses of BTEX, PHCs (Fractions F1 to F4), metals and inorganics. All soil samples were found to comply with the MECP Table 3 Residential Standards for on-site use.

## **Personal Interview and Site Visit**

Based on the most recent email correspondence, the Phase I Property and the neighbouring properties remain unchanged since the excess soil field work was completed at the Phase I Property in 2022, with the exception that the anticipated excess soils were removed off-site once the grading of the site was completed in the summer of 2022.

A site visit was conducted on September 1, 2023 by personnel from the Environmental Department of Paterson Group. The site visit did not reveal any changes to the Phase I Property, or the neighbouring properties at the time of the site visit other than the subject site appeared to have been graded for future site development.

## **Updated Records Review**

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

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the Phase I Property, as part of this Phase I ESA Update. A response from the MECP had not been received at the time this report was issued. The client will be contacted should any pertinent information be received.

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

A search of the MECP Brownfields Environmental Site Registry (ESR) was conducted electronically on September 5, 2023 for the subject and neighbouring properties. No Records of Site Condition (RSCs) were identified on the Phase I Property or properties within the Phase I Study Area.





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

The TSSA, Fuels Safety Branch in Toronto was contacted electronically on September 12, 2023, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. Based on the TSSA search results, there were no records found for the Phase I Property or the neighbouring properties. A copy of the TSSA Correspondence is appended to this report.

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

A search of the City of Ottawa's Historical Land Use Inventory (HLUI) database was requested for the Phase I Property and properties within the Phase I Study Area, as part of this update. A response from the City HLUI had not been received at the time this update report was issued. The client will be contacted should any pertinent information be received.

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

An ERIS search was completed for the Phase I Property and properties within the Phase I Study Area.

Based on the ERIS search, no records that would be considered PCAs were identified on the Phase I Property or on properties within the Phase I Study Area. A copy of the ERIS report is appended to this report.

### **Aerial Photographs**

The latest aerial photograph reviewed at the time of the 2017 Phase I ESA, was dated 2014 (City of Ottawa Website). Aerial images from 2015, 2017, 2019 and 2022 were reviewed as part of this update. Based on the more recent aerial images, fill material can be seen in the 2015 and 2017 aerial images, while the site remains vacant and undeveloped land. Based on the 2022 excess soil management program, all of the anticipated soils were tested complied with the MECP Table 3 Residential Standards. As a result, the fill material as shown in the 2015 and 2017 aerial images is not considered to represent a potential contaminating activity (PCA) or area of potential environmental concern (APEC). The neighbouring lands to the east and south of the Phase I Property were developed and occupied by residential properties since 2015, while neighbouring lands to the west, across Robert Grant Avenue were developed and occupied by additional residences in 2019.



## Update Conceptual Site Model

Based on the site visit and records update, no changes to the Phase I Property or the Phase I Study Area were noted. Based on the findings of the Phase I ESA Update, there are no PCAs that would result in APECs on the Phase I Property.

## Statement of Limitations

This Phase I - Environmental Site Assessment Update report has been prepared under the supervision of a Qualified Person, in general accordance with Ontario Regulation 153/04, as amended. 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 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 Fernbank Apartments Inc. Permission and notification from Fernbank Apartments Inc., 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.

Regards,

**Paterson Group Inc.**

Mandy Witteman, M.A.Sc., P.Eng.

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





**Appendix:**

- Figure 1 – Key Plan
- Drawing PE6257-1 – Site Plan
- TSSA Correspondence
- HLUI Request
- ERIS Report

**Report Distribution:**

- Fernbank Apartments Inc.
- Paterson Group Inc.



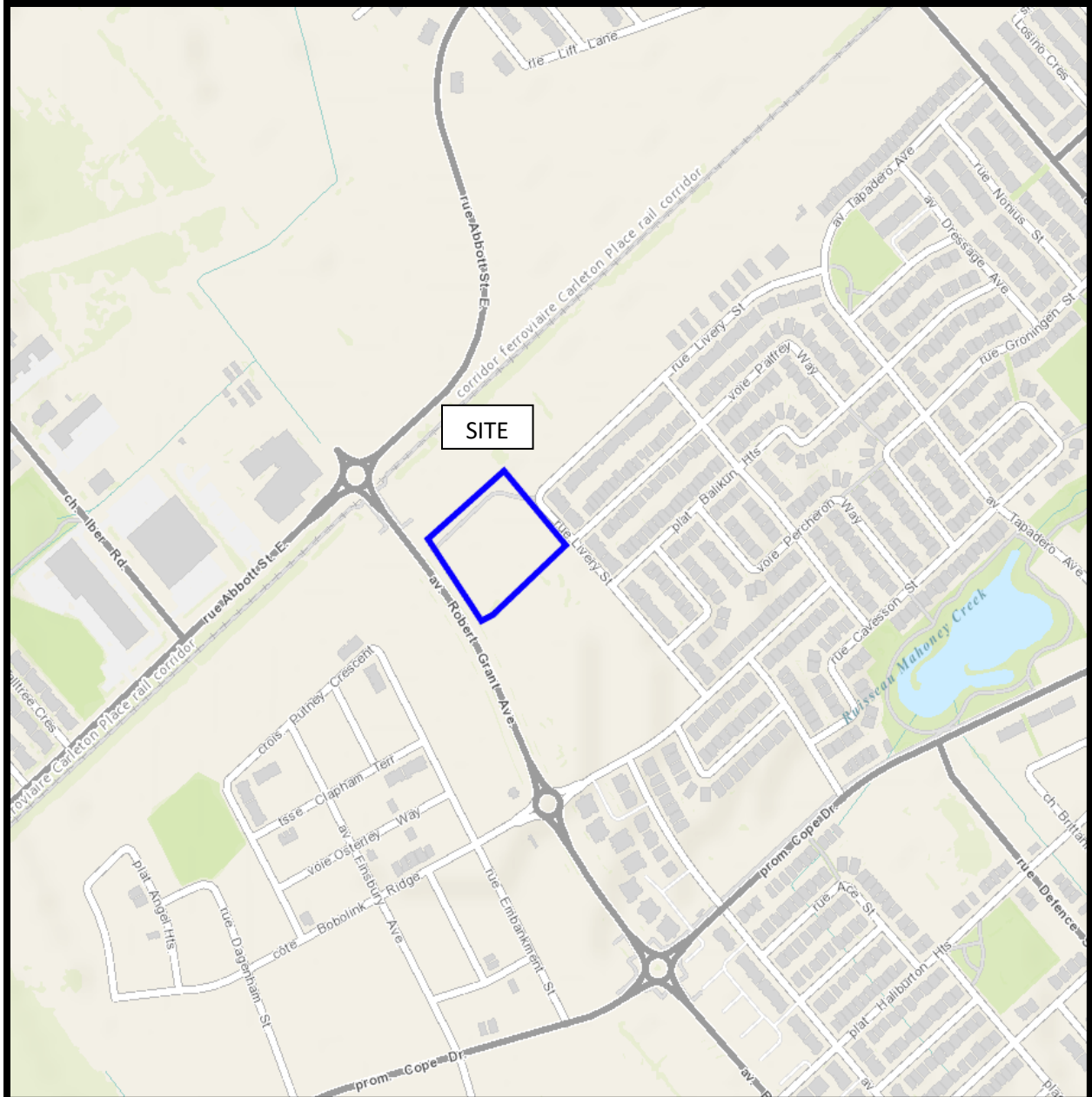
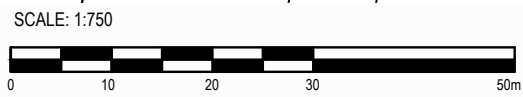
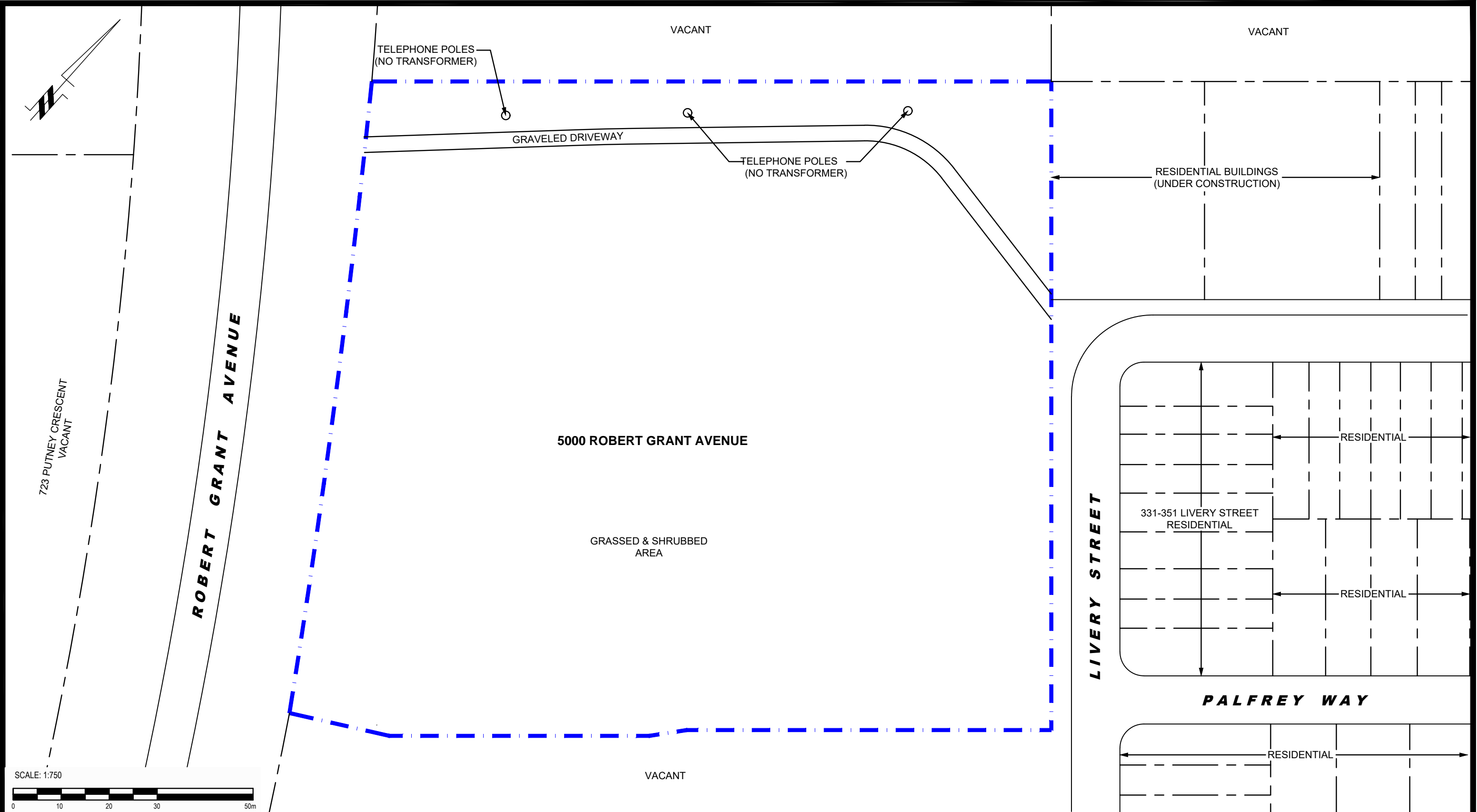


FIGURE 1  
**KEY PLAN**



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

NO.	REVISIONS	DATE	INITIAL

**FERNBANK APARTMENTS INC.**  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT UPDATE**  
**5000 ROBERT GRANT AVENUE**

OTTAWA, ONTARIO

**SITE PLAN**

Scale:	1:750	Date:	09/2023
Drawn by:	JM	Report No.:	PE6257-LET.01
Checked by:	MW	Dwg. No.:	<b>PE6257-1</b>
Approved by:	MSD	Revision No.:	



## Mandy Witteman

---

**From:** Public Information Services <publicinformationsservices@tssa.org>  
**Sent:** Tuesday, September 12, 2023 3:11 PM  
**To:** Mandy Witteman  
**Subject:** RE: Search Records request (PE6257)

### NO RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our current database of any fuel storage tanks at the subject address(es).

#### **Accessing the applications**

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

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

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

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

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

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

Warm regards,



**Kimberly Gage | Public Information Agent**

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**Winner of 2022 5-Star Safety Cultures Award**

---

**From:** Mandy Witteman <[MWitteman@patersongroup.ca](mailto:MWitteman@patersongroup.ca)>  
**Sent:** Tuesday, September 12, 2023 12:10 PM  
**To:** Public Information Services <[publicinformationservices@tssa.org](mailto:publicinformationservices@tssa.org)>  
**Subject:** Search Records request (PE6257)

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

Good day, Could you please complete a search of your records for underground/aboveground storage tanks, historical spills, or other incidents/infractions for the following (10) addresses in Ottawa, Ontario:

Robert Grant Avenue: 1000, 5000  
Bobolink Ridge: 200, 360

Kind regards,

Mandy (*she/her*)



**MANDY WITTEMAN, B.Eng., M.A.Sc., P.Eng.**  
ENVIRONMENTAL ENGINEER

TEL: (613) 226-7381 ext. 339  
DIRECT: (613) 800-5575

9 AURIGA DRIVE  
OTTAWA ON K2E 7T9

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TEMPORARY SHORING DESIGN SERVICES ARE NOW AVAILABLE, PLEASE CONTACT US TO SEE HOW WE CAN HELP!

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**PATERSON  
GROUP**

August 30, 2023  
File: PE6257 -HLUI.01

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

**Consulting Engineers**

9 Auriga Drive  
Ottawa, Ontario  
K2E 7T9

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

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

**Subject: Authorization Letter, HLUI Search  
Phase I-Environmental Site Assessment Update  
5000 Robert Grant Ave  
Ottawa, ON**

**patersongroup.ca**

Dear Sir/Madame

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

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

**Name of Company/Property Owner:**

Ferribank Apartments inc.

**Name of Representative:**

Pascal Lépine

**Signature:**

Pascal Lépine

**Date:**

August 30th, 2023





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# DATABASE REPORT

**Project Property:** *PE6257 -5000 Robert Grant Avenue  
PE6257 -5000 Robert Grant Avenue  
Ottawa ON K2V 0B4*

**Project No:** *58267*

**Report Type:** *Standard Report*

**Order No:** *23083000317*

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

**Date Completed:** *September 5, 2023*

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# Executive Summary

## Property Information:

**Project Property:** PE6257 -5000 Robert Grant Avenue  
PE6257 -5000 Robert Grant Avenue Ottawa ON K2V 0B4

**Project No:** 58267

## **Coordinates:**

**Latitude:** 45.2734174  
**Longitude:** -75.8930794  
**UTM Northing:** 5,013,712.25  
**UTM Easting:** 429,947.28  
**UTM Zone:** 18T

**Elevation:** 355 FT  
108.18 M

## Order Information:

**Order No:** 23083000317  
**Date Requested:** August 30, 2023  
**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	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	1	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	6	6
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	0	0
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</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>
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPR2	<i>National Pollutant Release Inventory 1993-2020</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory - Historic</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	0	0
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	7	7
<b>Total:</b>			0	14	14

## 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>
--------------------	-----------	--------------------------	----------------	---------------------	--------------------------	------------------------

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

## Executive Summary: Site Report Summary - Surrounding Properties

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">1</a>	WWIS		lot 28 con 10 ON <b>Well ID:</b> 7193377	SW/109.4	0.69	<a href="#">14</a>
<a href="#">2</a>	EHS		328 & 330 Livery Street Stittsville ON K2S 1E7	NNE/118.6	-1.31	<a href="#">15</a>
<a href="#">2</a>	EHS		328 & 330 Livery Street Stittsville ON K2S 1E7	NNE/118.6	-1.31	<a href="#">15</a>
<a href="#">3</a>	WWIS		5555 FERNBANK ROAD lot 28 con 11 STITTSVILLE ON <b>Well ID:</b> 7215395	SW/120.0	0.39	<a href="#">15</a>
<a href="#">4</a>	WWIS		LIVERY STREET STITTSVILLE ON <b>Well ID:</b> 7351408	NE/162.1	-1.64	<a href="#">17</a>
<a href="#">5</a>	WWIS		ON <b>Well ID:</b> 7248126	NE/169.3	-2.00	<a href="#">20</a>
<a href="#">6</a>	ECA	Mattino Developments Inc.	306 Livery Street Ottawa ON K2J 6B7	NE/192.7	-2.34	<a href="#">21</a>
<a href="#">7</a>	EHS		360 Bobolink Ridge Ottawa ON K2V0B7	SE/206.6	1.00	<a href="#">21</a>
<a href="#">8</a>	WWIS		5555 FERN BANK ROAD lot 28 con 10 STITTSVILLE ON <b>Well ID:</b> 7230307	WNW/214.2	-2.31	<a href="#">21</a>
<a href="#">9</a>	WWIS		5555 FERNBANK ROAD lot 28 con 11 STITTSVILLE ON <b>Well ID:</b> 7230308	WNW/215.9	-2.31	<a href="#">23</a>
<a href="#">10</a>	EHS		360 Bobolink Ridge Stittsville ON K2S 1B6	SE/219.6	1.00	<a href="#">26</a>
<a href="#">10</a>	EHS		360 Bobolink Ridge Stittsville ON K2S 1B6	SE/219.6	1.00	<a href="#">26</a>

<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="#">11</a>	EHS		306 Livery Street Stittsville ON K2S 1S3	NE/227.1	-2.31	<a href="#">26</a>
<a href="#">12</a>	WWIS		lot 28 con 11 ON <b>Well ID:</b> 7193758	WNW/244.7	-1.31	<a href="#">26</a>

# Executive Summary: Summary By Data Source

## **ECA - Environmental Compliance Approval**

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

<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>
Mattino Developments Inc.	306 Livery Street Ottawa ON K2J 6B7	NE	192.72	<a href="#"><u>6</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Jun 30, 2023 has found that there are 6 EHS site(s) within approximately 0.25 kilometers of the project property.

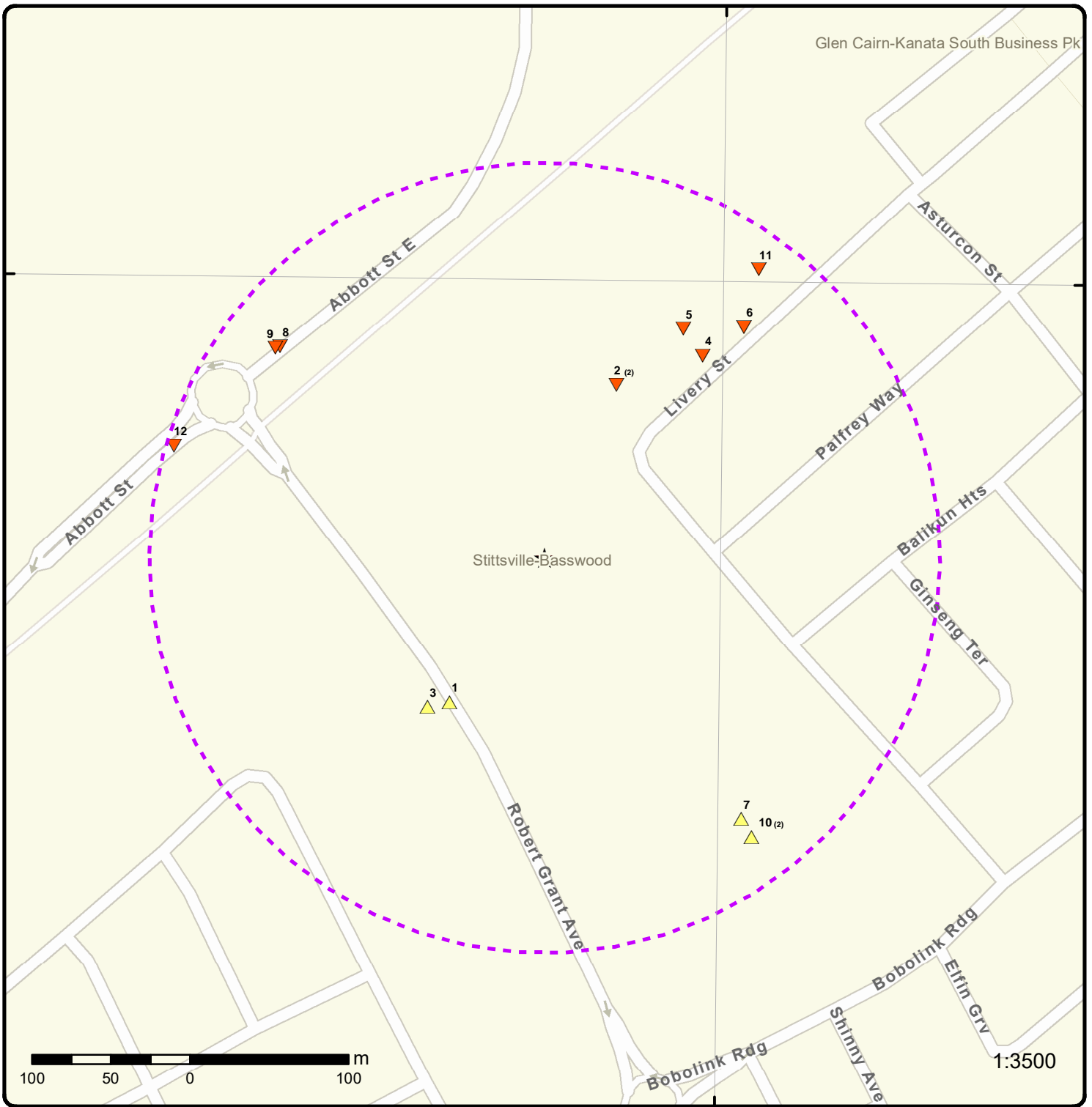
<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	360 Bobolink Ridge Ottawa ON K2V0B7	SE	206.59	<a href="#"><u>7</u></a>
	360 Bobolink Ridge Stittsville ON K2S 1B6	SE	219.56	<a href="#"><u>10</u></a>
	360 Bobolink Ridge Stittsville ON K2S 1B6	SE	219.56	<a href="#"><u>10</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>
	328 & 330 Livery Street Stittsville ON K2S 1E7	NNE	118.55	<a href="#"><u>2</u></a>
	328 & 330 Livery Street Stittsville ON K2S 1E7	NNE	118.55	<a href="#"><u>2</u></a>
	306 Livery Street Stittsville ON K2S 1S3	NE	227.07	<a href="#"><u>11</u></a>

## WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31 2023 has found that there are 7 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 28 con 10 ON  <i>Well ID: 7193377</i>	SW	109.36	<a href="#"><u>1</u></a>
	5555 FERNBANK ROAD lot 28 con 11 STITTSVILLE ON  <i>Well ID: 7215395</i>	SW	120.00	<a href="#"><u>3</u></a>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	LIVERY STREET STITTSVILLE ON  <i>Well ID: 7351408</i>	NE	162.07	<a href="#"><u>4</u></a>
	ON  <i>Well ID: 7248126</i>	NE	169.26	<a href="#"><u>5</u></a>
	5555 FERN BANK ROAD lot 28 con 10 STITTSVILLE ON  <i>Well ID: 7230307</i>	WNW	214.18	<a href="#"><u>8</u></a>
	5555 FERNBANK ROAD lot 28 con 11 STITTSVILLE ON  <i>Well ID: 7230308</i>	WNW	215.91	<a href="#"><u>9</u></a>
	lot 28 con 11 ON  <i>Well ID: 7193758</i>	WNW	244.73	<a href="#"><u>12</u></a>



### Map: 0.25 Kilometer Radius

Order Number: 23083000317

Address: PE6257 -5000 Robert Grant Avenue, Ottawa, ON



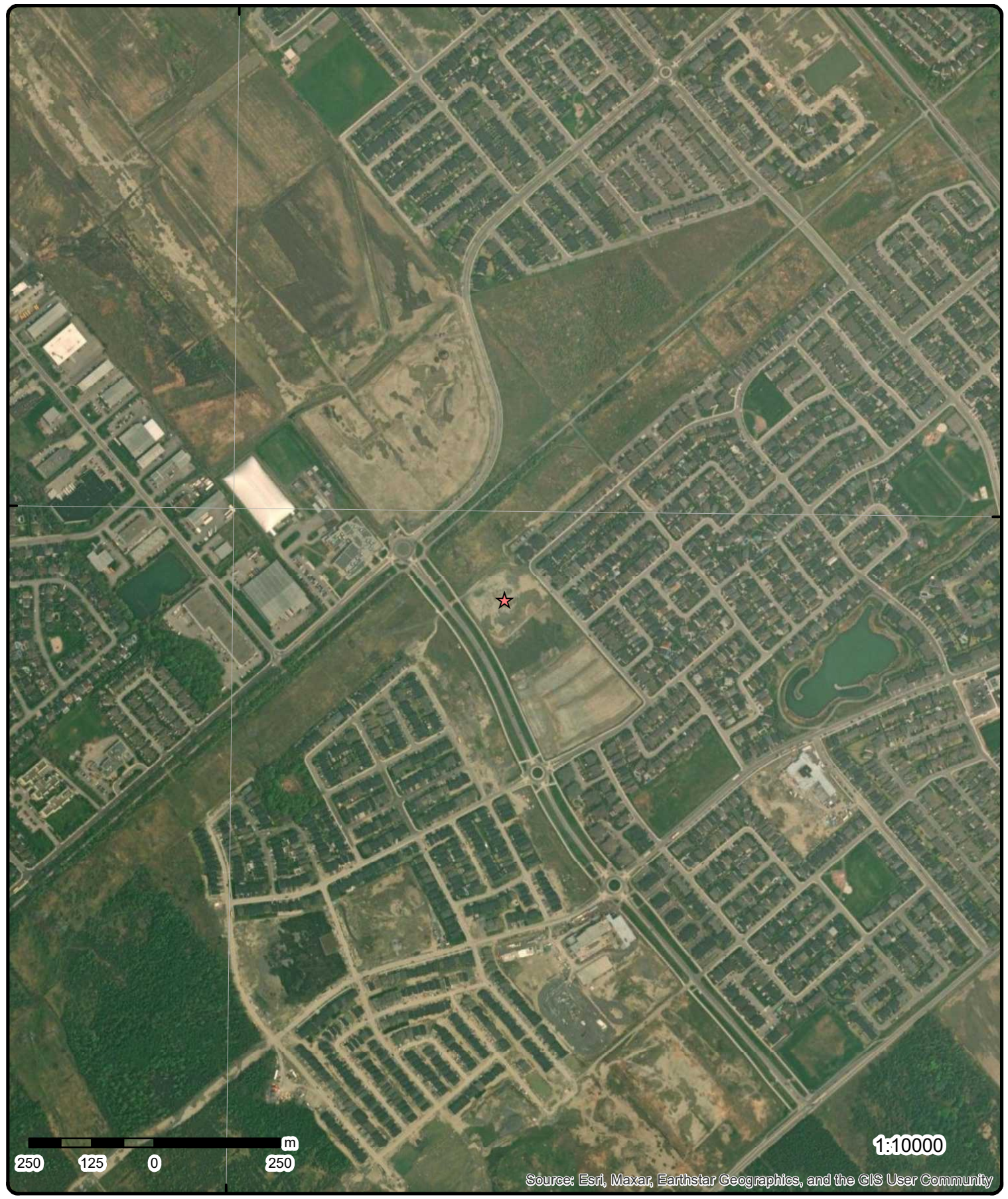
Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Parkt (National)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



75°54'W

45°16'30"N

45°16'30"N



250 125 0 250 m

1:10000

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

**Aerial** Year: 2023

Order Number: 23083000317

**Address: PE6257 -5000 Robert Grant Avenue, Ottawa, ON**



Source: ESRI World Imagery

© ERIS Information Limited Partnership



75°54'W

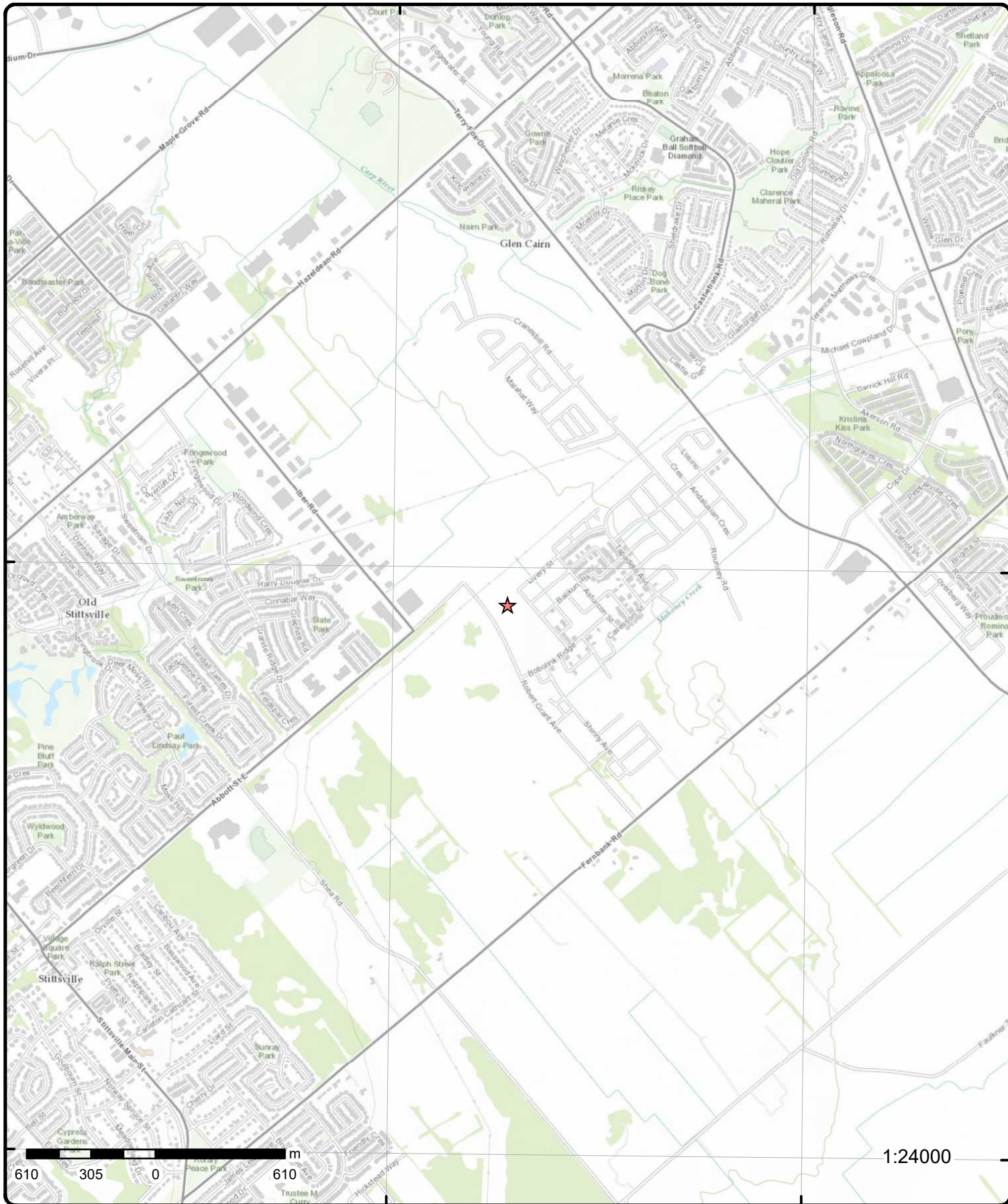
75°52'30"W

45°16'30"N

45°16'30"N

45°15'N

45°15'N



# Topographic Map

Order Number: 23083000317

Address: PE6257 -5000 Robert Grant Avenue, ON



Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">1</a>	1 of 1	SW/109.4	108.9 / 0.69	lot 28 con 10 ON	WWIS
<b>Well ID:</b> 7193377 <b>Construction Date:</b> <b>Use 1st:</b> <b>Use 2nd:</b> <b>Final Well Status:</b> <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> C19515 <b>Tag:</b> A130143 <b>Constructn Method:</b> <b>Elevation (m):</b> <b>Elevatn Reliabilty:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Clear/Cloudy:</b> <b>Municipality:</b> GOULBOURN TOWNSHIP <b>Site Info:</b>		<b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Data Entry Status:</b> Yes <b>Data Src:</b> <b>Date Received:</b> 12/11/2012 <b>Selected Flag:</b> TRUE <b>Abandonment Rec:</b> <b>Contractor:</b> 1844 <b>Form Version:</b> 8 <b>Owner:</b> <b>County:</b> OTTAWA-CARLETON <b>Lot:</b> 028 <b>Concession:</b> 10 <b>Concession Name:</b> CON <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>			

PDF URL (Map):

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

**Well Completed Date:** 07/05/2012  
**Year Completed:** 2012  
**Depth (m):**  
**Latitude:** 45.272590148088  
**Longitude:** -75.893834876034  
**Path:**

**Bore Hole Information**

<b>Bore Hole ID:</b> 1004219236 <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> <b>Code OB Desc:</b> <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 07/05/2012 <b>Remarks:</b> <b>Loc Method Desc:</b> on Water Well Record <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>	<b>Elevation:</b> <b>Elevrc:</b> <b>Zone:</b> 18 <b>East83:</b> 429887.00 <b>North83:</b> 5013621.00 <b>Org CS:</b> MTM09 <b>UTMRC:</b> 5 <b>UTMRC Desc:</b> margin of error : 100 m - 300 m <b>Location Method:</b> wwr
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Links</b>					
<b>Bore Hole ID:</b>	1004219236			<b>Tag No:</b> A130143	
<b>Depth M:</b>				<b>Contractor:</b> 1844	
<b>Year Completed:</b>	2012			<b>Latitude:</b> 45.272590148088	
<b>Well Completed Dt:</b>	07/05/2012			<b>Longitude:</b> -75.893834876034	
<b>Audit No:</b>	C19515			<b>Y:</b> 45.272590141212135	
<b>Path:</b>				<b>X:</b> -75.89383471463226	
<a href="#"><u>2</u></a>	1 of 2	<b>NNE/118.6</b>	<b>106.9 / -1.31</b>	<b>328 &amp; 330 Livery Street Stittsville ON K2S 1E7</b>	<b>EHS</b>
<b>Order No:</b>	21062900064			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b> ON	
<b>Report Date:</b>	08-JUL-21			<b>Search Radius (km):</b> .25	
<b>Date Received:</b>	29-JUN-21			<b>X:</b> -75.89251551	
<b>Previous Site Name:</b>				<b>Y:</b> 45.27440744	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans; Title Searches				
<a href="#"><u>2</u></a>	2 of 2	<b>NNE/118.6</b>	<b>106.9 / -1.31</b>	<b>328 &amp; 330 Livery Street Stittsville ON K2S 1E7</b>	<b>EHS</b>
<b>Order No:</b>	21062900064			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b> ON	
<b>Report Date:</b>	08-JUL-21			<b>Search Radius (km):</b> .25	
<b>Date Received:</b>	29-JUN-21			<b>X:</b> -75.89251551	
<b>Previous Site Name:</b>				<b>Y:</b> 45.27440744	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans; Title Searches				
<a href="#"><u>3</u></a>	1 of 1	<b>SW/120.0</b>	<b>108.6 / 0.39</b>	<b>5555 FERNBANK ROAD lot 28 con 11 STITTSVILLE ON</b>	<b>WWIS</b>
<b>Well ID:</b>	7215395			<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>				<b>Flow Rate:</b>	
<b>Use 1st:</b>				<b>Data Entry Status:</b>	
<b>Use 2nd:</b>				<b>Data Src:</b>	
<b>Final Well Status:</b>	Abandoned-Other			<b>Date Received:</b> 01/27/2014	
<b>Water Type:</b>				<b>Selected Flag:</b> TRUE	
<b>Casing Material:</b>				<b>Abandonment Rec:</b> Yes	
<b>Audit No:</b>	Z144876			<b>Contractor:</b> 1119	
<b>Tag:</b>				<b>Form Version:</b> 7	
<b>Constructn Method:</b>				<b>Owner:</b>	
<b>Elevation (m):</b>				<b>County:</b> OTTAWA-CARLETON	
<b>Elevatn Reliabilty:</b>				<b>Lot:</b> 028	
<b>Depth to Bedrock:</b>				<b>Concession:</b> 11	
<b>Well Depth:</b>				<b>Concession Name:</b> CON	
<b>Overburden/Bedrock:</b>				<b>Easting NAD83:</b>	
<b>Pump Rate:</b>				<b>Northing NAD83:</b>	
<b>Static Water Level:</b>				<b>Zone:</b>	
<b>Clear/Cloudy:</b>				<b>UTM Reliability:</b>	
<b>Municipality:</b>	GOULBOURN TOWNSHIP				
<b>Site Info:</b>					
<b>PDF URL (Map):</b>	<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7215395.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7215395.pdf</a>				
<b>Additional Detail(s) (Map)</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>Well Completed Date:</b>		11/11/2013			
<b>Year Completed:</b>		2013			
<b>Depth (m):</b>					
<b>Latitude:</b>		45.2725617500605			
<b>Longitude:</b>		-75.894012909116			
<b>Path:</b>		721\7215395.pdf			

**Bore Hole Information**

<b>Bore Hole ID:</b>	1004698265	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	429873.00
<b>Code OB Desc:</b>		<b>North83:</b>	5013618.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	11/11/2013	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Loc Method Desc:</b>	on Water Well Record		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Annular Space/Abandonment  
Sealing Record**

<b>Plug ID:</b>	1005057938
<b>Layer:</b>	1
<b>Plug From:</b>	18.829999923706055
<b>Plug To:</b>	0.0
<b>Plug Depth UOM:</b>	ft

**Annular Space/Abandonment  
Sealing Record**

<b>Plug ID:</b>	1005057937
<b>Layer:</b>	1
<b>Plug From:</b>	0.0
<b>Plug To:</b>	18.829999923706055
<b>Plug Depth UOM:</b>	ft

**Method of Construction & Well  
Use**

<b>Method Construction ID:</b>	1005057936
<b>Method Construction Code:</b>	
<b>Method Construction:</b>	
<b>Other Method Construction:</b>	

**Pipe Information**

<b>Pipe ID:</b>	1005057930
<b>Casing No:</b>	0
<b>Comment:</b>	
<b>Alt Name:</b>	

**Construction Record - Casing**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing ID:</b> 1005057934					
<b>Layer:</b>					
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b> inch					
<b>Casing Depth UOM:</b> ft					
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b> 1005057935					
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b> ft					
<b>Screen Diameter UOM:</b> inch					
<b>Screen Diameter:</b>					
<b><u>Water Details</u></b>					
<b>Water ID:</b> 1005057933					
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b> ft					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b> 1005057932					
<b>Diameter:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Hole Depth UOM:</b> ft					
<b>Hole Diameter UOM:</b> inch					
<b><u>Links</u></b>					
<b>Bore Hole ID:</b> 1004698265		<b>Tag No:</b>			
<b>Depth M:</b>		<b>Contractor:</b> 1119			
<b>Year Completed:</b> 2013		<b>Latitude:</b> 45.2725617500605			
<b>Well Completed Dt:</b> 11/11/2013		<b>Longitude:</b> -75.894012909116			
<b>Audit No:</b> Z144876		<b>Y:</b> 45.27256174326161			
<b>Path:</b> 721\7215395.pdf		<b>X:</b> -75.89401274808871			
<a href="#">4</a>	1 of 1	NE/162.1	106.5 / -1.64	LIVERY STREET STITTSVILLE ON	WWIS
<b>Well ID:</b> 7351408					
<b>Construction Date:</b>					
<b>Use 1st:</b>					
<b>Use 2nd:</b>					
<b>Final Well Status:</b> Abandoned-Other					
<b>Water Type:</b>					
<b>Casing Material:</b>					
<b>Audit No:</b> Z313754					
<b>Tag:</b>					
<b>Constructn Method:</b>					
<b>Flowing (Y/N):</b>					
<b>Flow Rate:</b>					
<b>Data Entry Status:</b>					
<b>Data Src:</b>					
<b>Date Received:</b> 01/13/2020					
<b>Selected Flag:</b> TRUE					
<b>Abandonment Rec:</b> Yes					
<b>Contractor:</b> 1558					
<b>Form Version:</b> 7					
<b>Owner:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Elevation (m):</b> <b>Elevatn Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Clear/Cloudy:</b> <b>Municipality:</b> <b>Site Info:</b>		GOULBOURN TOWNSHIP		<b>County:</b> OTTAWA-CARLETON <b>Lot:</b> <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>	
<b>PDF URL (Map):</b>		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/735\7351408.pdf			
<b><u>Additional Detail(s) (Map)</u></b>					
<b>Well Completed Date:</b>		09/04/2019			
<b>Year Completed:</b>		2019			
<b>Depth (m):</b>					
<b>Latitude:</b>		45.2745771801042			
<b>Longitude:</b>		-75.891826239988			
<b>Path:</b>		735\7351408.pdf			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>		1007886831		<b>Elevation:</b>	
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b> 18	
<b>Code OB:</b>				<b>East83:</b> 430047.00	
<b>Code OB Desc:</b>				<b>North83:</b> 5013840.00	
<b>Open Hole:</b>				<b>Org CS:</b> UTM83	
<b>Cluster Kind:</b>				<b>UTMRC:</b> 4	
<b>Date Completed:</b>		09/04/2019		<b>UTMRC Desc:</b> margin of error : 30 m - 100 m	
<b>Remarks:</b>				<b>Location Method:</b> wwr	
<b>Loc Method Desc:</b>		on Water Well Record			
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1008322912			
<b>Layer:</b>					
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>					
<b>Most Common Material:</b>					
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>					
<b>Formation End Depth:</b>					
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1008322918			

<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>Layer:</b>		1			
<b>Plug From:</b>		5.900000095367432			
<b>Plug To:</b>		0.0			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1008322917			
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1008322911			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1008322915			
<b>Layer:</b>					
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1008322916			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>					
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1008322914			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		m			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1008322913			
<b>Diameter:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Links</b>					
<b>Bore Hole ID:</b>	1007886831			<b>Tag No:</b>	
<b>Depth M:</b>				<b>Contractor:</b>	1558
<b>Year Completed:</b>	2019			<b>Latitude:</b>	45.2745771801042
<b>Well Completed Dt:</b>	09/04/2019			<b>Longitude:</b>	-75.891826239988
<b>Audit No:</b>	Z313754			<b>Y:</b>	45.274577173319045
<b>Path:</b>	735\7351408.pdf			<b>X:</b>	-75.89182607855932

<a href="#">5</a>	1 of 1	NE/169.3	106.2 / -2.00	ON	WWIS
<b>Well ID:</b>	7248126			<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>				<b>Flow Rate:</b>	
<b>Use 1st:</b>				<b>Data Entry Status:</b>	Yes
<b>Use 2nd:</b>				<b>Data Src:</b>	
<b>Final Well Status:</b>				<b>Date Received:</b>	09/14/2015
<b>Water Type:</b>				<b>Selected Flag:</b>	TRUE
<b>Casing Material:</b>				<b>Abandonment Rec:</b>	
<b>Audit No:</b>	C30284			<b>Contractor:</b>	1844
<b>Tag:</b>	A173548			<b>Form Version:</b>	8
<b>Constructn Method:</b>				<b>Owner:</b>	
<b>Elevation (m):</b>				<b>County:</b>	OTTAWA-CARLETON
<b>Elevatn Reliability:</b>				<b>Lot:</b>	
<b>Depth to Bedrock:</b>				<b>Concession:</b>	
<b>Well Depth:</b>				<b>Concession Name:</b>	
<b>Overburden/Bedrock:</b>				<b>Easting NAD83:</b>	
<b>Pump Rate:</b>				<b>Northing NAD83:</b>	
<b>Static Water Level:</b>				<b>Zone:</b>	
<b>Clear/Cloudy:</b>				<b>UTM Reliability:</b>	
<b>Municipality:</b>	GOULBOURN TOWNSHIP				
<b>Site Info:</b>					

PDF URL (Map):

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

<b>Well Completed Date:</b>	06/23/2015
<b>Year Completed:</b>	2015
<b>Depth (m):</b>	
<b>Latitude:</b>	45.274728992281
<b>Longitude:</b>	-75.8919816057401
<b>Path:</b>	

**Bore Hole Information**

<b>Bore Hole ID:</b>	1005683362	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	430035.00
<b>Code OB Desc:</b>		<b>North83:</b>	5013857.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	06/23/2015	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Loc Method Desc:</b>	on Water Well Record		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Supplier Comment:</b>					
<b>Links</b>					
<b>Bore Hole ID:</b>	1005683362			<b>Tag No:</b>	A173548
<b>Depth M:</b>				<b>Contractor:</b>	1844
<b>Year Completed:</b>	2015			<b>Latitude:</b>	45.274728992281
<b>Well Completed Dt:</b>	06/23/2015			<b>Longitude:</b>	-75.8919816057401
<b>Audit No:</b>	C30284			<b>Y:</b>	45.274728985360355
<b>Path:</b>				<b>X:</b>	-75.89198144481838

<u>6</u>	1 of 1	NE/192.7	105.8 / -2.34	Mattino Developments Inc. 306 Livery Street Ottawa ON K2J 6B7	ECA
<b>Approval No:</b>	3429-BFJNWS			<b>MOE District:</b>	
<b>Approval Date:</b>	2019-09-12			<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>Business Name:</b>	Mattino Developments Inc.				
<b>Address:</b>	306 Livery Street				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1339-BEZMGF-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1339-BEZMGF-14.pdf</a>				
<b>PDF Site Location:</b>					

<u>7</u>	1 of 1	SE/206.6	109.2 / 1.00	360 Bobolink Ridge Ottawa ON K2V0B7	EHS
<b>Order No:</b>	20140910007			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Select Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	16-SEP-14			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	10-SEP-14			<b>X:</b>	-75.89012
<b>Previous Site Name:</b>				<b>Y:</b>	45.272434
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					

<u>8</u>	1 of 1	WNW/214.2	105.9 / -2.31	5555 FERN BANK ROAD lot 28 con 10 STITTSVILLE ON	WWIS
<b>Well ID:</b>	7230307			<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>				<b>Flow Rate:</b>	
<b>Use 1st:</b>				<b>Data Entry Status:</b>	
<b>Use 2nd:</b>				<b>Data Src:</b>	
<b>Final Well Status:</b>	0			<b>Date Received:</b>	10/29/2014
<b>Water Type:</b>				<b>Selected Flag:</b>	TRUE
<b>Casing Material:</b>				<b>Abandonment Rec:</b>	Yes
<b>Audit No:</b>	Z167021			<b>Contractor:</b>	1119
<b>Tag:</b>				<b>Form Version:</b>	7
<b>Constructn Method:</b>				<b>Owner:</b>	
<b>Elevation (m):</b>				<b>County:</b>	OTTAWA-CARLETON
<b>Elevatn Reliabilty:</b>				<b>Lot:</b>	028
<b>Depth to Bedrock:</b>				<b>Concession:</b>	10
<b>Well Depth:</b>				<b>Concession Name:</b>	CON
<b>Overburden/Bedrock:</b>				<b>Easting NAD83:</b>	
<b>Pump Rate:</b>				<b>Northing NAD83:</b>	
<b>Static Water Level:</b>				<b>Zone:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Clear/Cloudy:  
Municipality: GOULBOURN TOWNSHIP  
Site Info:

UTM Reliability:

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/723\7230307.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/723\7230307.pdf)

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

Well Completed Date: 08/19/2014  
Year Completed: 2014  
Depth (m):  
Latitude: 45.2746045537517  
Longitude: -75.8952306382318  
Path: 723\7230307.pdf

**Bore Hole Information**

Bore Hole ID:	1005184904	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	429780.00
Code OB Desc:		North83:	5013846.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	08/19/2014	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Annular Space/Abandonment Sealing Record**

Plug ID: 1005404693  
Layer: 2  
Plug From: 2.0  
Plug To: 0.0  
Plug Depth UOM: ft

**Annular Space/Abandonment Sealing Record**

Plug ID: 1005404692  
Layer: 1  
Plug From: 18.0  
Plug To: 2.0  
Plug Depth UOM: ft

**Method of Construction & Well Use**

Method Construction ID: 1005404691  
Method Construction Code:  
Method Construction:  
Other Method Construction:

**Pipe Information**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Pipe ID:** 1005404685  
**Casing No:** 0  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 1005404689  
**Layer:**  
**Material:**  
**Open Hole or Material:**  
**Depth From:**  
**Depth To:**  
**Casing Diameter:**  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 1005404690  
**Layer:**  
**Slot:**  
**Screen Top Depth:**  
**Screen End Depth:**  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:**

**Water Details**

**Water ID:** 1005404688  
**Layer:**  
**Kind Code:**  
**Kind:**  
**Water Found Depth:**  
**Water Found Depth UOM:** ft

**Hole Diameter**

**Hole ID:** 1005404687  
**Diameter:**  
**Depth From:**  
**Depth To:**  
**Hole Depth UOM:** ft  
**Hole Diameter UOM:** inch

**Links**

<b>Bore Hole ID:</b> 1005184904	<b>Tag No:</b> 1119
<b>Depth M:</b>	<b>Contractor:</b> 1119
<b>Year Completed:</b> 2014	<b>Latitude:</b> 45.2746045537517
<b>Well Completed Dt:</b> 08/19/2014	<b>Longitude:</b> -75.8952306382318
<b>Audit No:</b> Z167021	<b>Y:</b> 45.2746045475892
<b>Path:</b> 723\7230307.pdf	<b>X:</b> -75.89523047676218

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<a href="#">9</a>	1 of 1	WNW/215.9	105.9 / -2.31	5555 FERNBANK ROAD lot 28 con 11 STITTSVILLE ON	WWIS
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**Well ID:** 7230308 **Flowing (Y/N):**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Construction Date:</b>				<b>Flow Rate:</b>	
<b>Use 1st:</b>				<b>Data Entry Status:</b>	
<b>Use 2nd:</b>				<b>Data Src:</b>	
<b>Final Well Status:</b>	0			<b>Date Received:</b>	10/29/2014
<b>Water Type:</b>				<b>Selected Flag:</b>	TRUE
<b>Casing Material:</b>				<b>Abandonment Rec:</b>	Yes
<b>Audit No:</b>	Z167030			<b>Contractor:</b>	1119
<b>Tag:</b>				<b>Form Version:</b>	7
<b>Constructn Method:</b>				<b>Owner:</b>	
<b>Elevation (m):</b>				<b>County:</b>	OTTAWA-CARLETON
<b>Elevatn Reliabilty:</b>				<b>Lot:</b>	028
<b>Depth to Bedrock:</b>				<b>Concession:</b>	11
<b>Well Depth:</b>				<b>Concession Name:</b>	CON
<b>Overburden/Bedrock:</b>				<b>Easting NAD83:</b>	
<b>Pump Rate:</b>				<b>Northing NAD83:</b>	
<b>Static Water Level:</b>				<b>Zone:</b>	
<b>Clear/Cloudy:</b>				<b>UTM Reliability:</b>	
<b>Municipality:</b>		GOULBOURN TOWNSHIP			
<b>Site Info:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/723\7230308.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/723\7230308.pdf)

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

**Well Completed Date:** 08/19/2014  
**Year Completed:** 2014  
**Depth (m):**  
**Latitude:** 45.2745952535843  
**Longitude:** -75.8952687388375  
**Path:** 723\7230308.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	1005184907	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	429777.00
<b>Code OB Desc:</b>		<b>North83:</b>	5013845.00
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	08/19/2014	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Loc Method Desc:</b>	on Water Well Record		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Annular Space/Abandonment**

**Sealing Record**

**Plug ID:** 1005404701  
**Layer:** 1  
**Plug From:** 30.0  
**Plug To:** 2.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment**

**Sealing Record**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Plug ID:</b>		1005404702			
<b>Layer:</b>		2			
<b>Plug From:</b>		2.0			
<b>Plug To:</b>		0.0			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1005404700			
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1005404694			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1005404698			
<b>Layer:</b>					
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1005404699			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>					
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1005404697			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1005404696			
<b>Diameter:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Hole Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Hole Diameter UOM:</b>		inch			
<b>Links</b>					
<b>Bore Hole ID:</b>	1005184907			<b>Tag No:</b>	
<b>Depth M:</b>				<b>Contractor:</b>	1119
<b>Year Completed:</b>	2014			<b>Latitude:</b>	45.2745952535843
<b>Well Completed Dt:</b>	08/19/2014			<b>Longitude:</b>	-75.8952687388375
<b>Audit No:</b>	Z167030			<b>Y:</b>	45.27459524735578
<b>Path:</b>	723\7230308.pdf			<b>X:</b>	-75.89526857789483
<a href="#">10</a>	1 of 2	SE/219.6	109.2 / 1.00	360 Bobolink Ridge Stittsville ON K2S 1B6	EHS
<b>Order No:</b>	21031100526			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	16-MAR-21			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	11-MAR-21			<b>X:</b>	-75.89139013
<b>Previous Site Name:</b>				<b>Y:</b>	45.27184163
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans; Topographic Maps				
<a href="#">10</a>	2 of 2	SE/219.6	109.2 / 1.00	360 Bobolink Ridge Stittsville ON K2S 1B6	EHS
<b>Order No:</b>	21031100526			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	16-MAR-21			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	11-MAR-21			<b>X:</b>	-75.89139013
<b>Previous Site Name:</b>				<b>Y:</b>	45.27184163
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans; Topographic Maps				
<a href="#">11</a>	1 of 1	NE/227.1	105.9 / -2.31	306 Livery Street Stittsville ON K2S 1S3	EHS
<b>Order No:</b>	20190208071			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	14-FEB-19			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	08-FEB-19			<b>X:</b>	-75.89138
<b>Previous Site Name:</b>				<b>Y:</b>	45.275072
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">12</a>	1 of 1	WNW/244.7	106.9 / -1.31	lot 28 con 11 ON	WWIS
<b>Well ID:</b>	7193758			<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>				<b>Flow Rate:</b>	
<b>Use 1st:</b>				<b>Data Entry Status:</b>	Yes
<b>Use 2nd:</b>				<b>Data Src:</b>	
<b>Final Well Status:</b>				<b>Date Received:</b>	12/18/2012
<b>Water Type:</b>				<b>Selected Flag:</b>	TRUE
<b>Casing Material:</b>				<b>Abandonment Rec:</b>	
<b>Audit No:</b>	C20566			<b>Contractor:</b>	1844
<b>Tag:</b>	A130420			<b>Form Version:</b>	8

<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>Constructn Method:</b> <b>Elevation (m):</b> <b>Elevatn Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Clear/Cloudy:</b> <b>Municipality:</b> <b>Site Info:</b>		GOULBOURN TOWNSHIP		<b>Owner:</b> <b>County:</b> OTTAWA-CARLETON <b>Lot:</b> 028 <b>Concession:</b> 11 <b>Concession Name:</b> CON <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>	
<b>PDF URL (Map):</b>					
<b><u>Additional Detail(s) (Map)</u></b>					
<b>Well Completed Date:</b> <b>Year Completed:</b> <b>Depth (m):</b> <b>Latitude:</b> <b>Longitude:</b> <b>Path:</b>		07/05/2012 2012  45.2740308311285 -75.8960757881342			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> <b>Code OB Desc:</b> <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> <b>Remarks:</b> <b>Loc Method Desc:</b> <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>		1004222071    07/05/2012 on Water Well Record		<b>Elevation:</b> <b>Elevrc:</b> <b>Zone:</b> 18 <b>East83:</b> 429713.00 <b>North83:</b> 5013783.00 <b>Org CS:</b> MTM09 <b>UTMRC:</b> 4 <b>UTMRC Desc:</b> margin of error : 30 m - 100 m <b>Location Method:</b> wwr	
<b><u>Links</u></b>					
<b>Bore Hole ID:</b> <b>Depth M:</b> <b>Year Completed:</b> <b>Well Completed Dt:</b> <b>Audit No:</b> <b>Path:</b>		1004222071  2012 07/05/2012 C20566		<b>Tag No:</b> A130420 <b>Contractor:</b> 1844 <b>Latitude:</b> 45.2740308311285 <b>Longitude:</b> -75.8960757881342 <b>Y:</b> 45.27403082419494 <b>X:</b> -75.89607562682204	

# Unplottable Summary

Total: 6 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Abbott Street, Stittsville, Plan M-303	Goulbourn ON	
CA	Lafarge Canada Inc.	Lot 28, Concession VI, geographic Township of Gloucester	Ottawa ON	
EBR	Lafarge Canada Inc	Hawthorne Road Ottawa Ontario Hawthorne Quarry Lot 28, Concession VI, City of Ottawa (geographic City of Gloucester) CITY OF OTTAWA	ON	
ECA	City of Ottawa	Abbott St Stittsville Plan M-303	Ottawa ON	K2S 1B8
PTTW	Lafarge Canada Inc.	Lot 28, Concession VI, City of Ottawa (formerly City of Gloucester) GLOUCESTER	ON	
PTTW	Abbott-Fernbank Holdings Inc.	Lot 28, Concession 10, Geographic Township of Goulbourn, City of Ottawa GOULBOURN	ON	



# Unplottable Report

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**Site:** *Abbott Street, Stittsville, Plan M-303 Goulbourn ON* **Database:** [CA](#)

**Certificate #:** 0253-4SWHYC  
**Application Year:** 01  
**Issue Date:** 1/23/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Corporation of the City of Ottawa  
**Client Address:** 2135 Huntley Road  
**Client City:** Goulbourn  
**Client Postal Code:** K2S 1A3  
**Project Description:** This application is for modifications to an existing stormwater management pond which includes an outlet control structure to provide quality and quantity control.  
**Contaminants:**  
**Emission Control:**

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**Site:** *Lafarge Canada Inc.  
Lot 28, Concession VI, geographic Township of Gloucester Ottawa ON* **Database:** [CA](#)

**Certificate #:** 1102-6M2HRR  
**Application Year:** 2006  
**Issue Date:** 8/16/2006  
**Approval Type:** Industrial 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:** *Lafarge Canada Inc  
Hawthorne Road Ottawa Ontario Hawthorne Quarry Lot 28, Concession VI, City of Ottawa (geographic City of Gloucester) CITY OF OTTAWA ON* **Database:** [EBR](#)

**EBR Registry No:** IA06E0284 **Decision Posted:**  
**Ministry Ref No:** 5221-6LEMVN **Exception Posted:**  
**Notice Type:** Instrument Decision **Section:**  
**Notice Stage:** **Act 1:**  
**Notice Date:** August 17, 2006 **Act 2:**  
**Proposal Date:** March 13, 2006 **Site Location Map:**  
**Year:** 2006  
**Instrument Type:** (OWRA s. 53(1)) - Approval for sewage works  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Lafarge Canada Inc  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 7880 Keele Street, 5th Floor, Concord Ontario, L4K 4G7  
**Comment Period:**  
**URL:**

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**Site Location Details:**

Hawthorne Road Ottawa Ontario Hawthorne Quarry Lot 28, Concession VI, City of Ottawa (geographic City of Gloucester) CITY OF OTTAWA

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**Site:** *City of Ottawa*  
*Abbott St Stittsville Plan M-303 Ottawa ON K2S 1B8*

**Database:**  
*ECA*

**Approval No:** 0253-4SWHYC  
**Approval Date:** 2001-01-23  
**Status:** Revoked and/or Replaced  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** City of Ottawa  
**Address:** Abbott St Stittsville Plan M-303  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/8028-4PLSTL-14.pdf>  
**PDF Site Location:**

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

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**Site:** *Lafarge Canada Inc.*  
*Lot 28, Concession VI, City of Ottawa (formerly City of Gloucester) GLOUCESTER ON*

**Database:**  
*PTTW*

**EBR Registry No:** IA04E0157  
**Ministry Ref No:** ER-8067-5VNSZ8  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** May 09, 2005  
**Proposal Date:** February 02, 2004  
**Year:** 2004  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Lafarge Canada Inc.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** Ottawa, 1651 Bearbrook Road, Ottawa Ontario, Canada K1G 3K2  
**Comment Period:**  
**URL:**

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

**Site Location Details:**

Lot 28, Concession VI, City of Ottawa (formerly City of Gloucester) GLOUCESTER

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**Site:** *Abbott-Fernbank Holdings Inc.*  
*Lot 28, Concession 10, Geographic Township of Goulbourn, City of Ottawa GOULBOURN ON*

**Database:**  
*PTTW*

**EBR Registry No:** 011-6875  
**Ministry Ref No:** 0323-8WQKGR  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** January 06, 2014  
**Proposal Date:** August 01, 2012  
**Year:** 2012  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Abbott-Fernbank Holdings Inc.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**

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

**Proponent Address:** 1737 Woodward Drive, 2nd Floor, Ottawa Ontario, Canada K2C0P9  
**Comment Period:**  
**URL:**

**Site Location Details:**

Lot 28, Concession 10, Geographic Township of Goulbourn, City of Ottawa GOULBOURN

# Appendix: Database Descriptions

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

**Abandoned Aggregate Inventory:**

Provincial

[AAGR](#)

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

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

**Aggregate Inventory:**

Provincial

[AGR](#)

The Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

**Government Publication Date: Up to Oct 2022**

**Abandoned Mine Information System:**

Provincial

[AMIS](#)

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

**Government Publication Date: 1800-Mar 2022**

**Anderson's Waste Disposal Sites:**

Private

[ANDR](#)

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

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

**Aboveground Storage Tanks:**

Provincial

[AST](#)

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

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

**Automobile Wrecking & Supplies:**

Private

[AUWR](#)

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

**Government Publication Date: 1999-Feb 28, 2022**

**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 2021**

**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, 2022**

**Chemical Manufacturers and Distributors:**

Private CHEM

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

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

**Chemical Register:**

Private CHM

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

**Government Publication Date: 1999-Feb 28, 2023**

**Compressed Natural Gas Stations:**

Private CNG

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

**Government Publication Date: Dec 2012 -May 2023**

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

Provincial COAL

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

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

**Compliance and Convictions:**

Provincial CONV

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

**Government Publication Date: 1989-Jun 2023**

**Certificates of Property Use:**

Provincial CPU

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

**Government Publication Date: 1994 - Jun 30, 2023**

**Drill Hole Database:**

Provincial [DRL](#)

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

**Government Publication Date: 1886 - Oct 2022**

**Delisted Fuel Tanks:**

Provincial [DTNK](#)

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

**Government Publication Date: Feb 28, 2022**

**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- Jun 30, 2023**

**Environmental Registry:**

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

**Government Publication Date: 1994 - Jun 30, 2023**

**Environmental Compliance Approval:**

Provincial [ECA](#)

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

**Government Publication Date: Oct 2011- Jun 30, 2023**

**Environmental Effects Monitoring:**

Federal [EEM](#)

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

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

**ERIS Historical Searches:**

Private [EHS](#)

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

**Government Publication Date: 1999-Jun 30, 2023**

**Environmental Issues Inventory System:**

Federal [EIIS](#)

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

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

**Emergency Management Historical Event:**

Provincial **EMHE**

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

**Government Publication Date: Apr 30, 2022**

**Environmental Penalty Annual Report:**

Provincial **EPAR**

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

**Government Publication Date: Jan 1, 2011 - Dec 31, 2022**

**List of Expired Fuels Safety Facilities:**

Provincial **EXP**

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

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

**Government Publication Date: Feb 28, 2022**

**Federal Convictions:**

Federal **FCON**

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

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

**Contaminated Sites on Federal Land:**

Federal **FCS**

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

**Government Publication Date: Jun 2000-Jun 2023**

**Fisheries & Oceans Fuel Tanks:**

Federal **FOFT**

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

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

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

Federal **FRST**

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

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

**Fuel Storage Tank:**

Provincial **FST**

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

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

**Government Publication Date: Feb 28, 2022**



**Fuel Storage Tank - Historic:**

Provincial

[FSTH](#)

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

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

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

[GEN](#)

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

**Government Publication Date: 1986-Oct 31, 2022**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

[GHG](#)

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

**Government Publication Date: 2013-Dec 2019**

**TSSA Historic Incidents:**

Provincial

[HINC](#)

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

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

**Indian & Northern Affairs Fuel Tanks:**

Federal

[IAFT](#)

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

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

**Fuel Oil Spills and Leaks:**

Provincial

[INC](#)

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

**Government Publication Date: Feb 28, 2022**

**Landfill Inventory Management Ontario:**

Provincial

[LIMO](#)

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

**Government Publication Date: Mar 21, 2022**

**Canadian Mine Locations:**

Private

[MINE](#)

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

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



**Mineral Occurrences:**

Provincial

[MNR](#)

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

**Government Publication Date: 1846-Feb 2023**

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

Federal

[NATE](#)

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

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

**Non-Compliance Reports:**

Provincial

[NCPL](#)

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

**Government Publication Date: Dec 31, 2021**

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

Federal

[NDFT](#)

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

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

**National Defense & Canadian Forces Spills:**

Federal

[NDSP](#)

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

**Government Publication Date: Mar 1999-Oct 2022**

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

Federal

[NDWD](#)

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

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

**National Energy Board Pipeline Incidents:**

Federal

[NEBI](#)

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

**Government Publication Date: 2008-Jun 30, 2021**

**National Energy Board Wells:**

Federal

[NEBP](#)

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

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

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

Federal

NEES

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

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

**National PCB Inventory:**

Federal

NPCB

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

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

**National Pollutant Release Inventory 1993-2020:**

Federal

NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

**Government Publication Date: Sep 2020**

**National Pollutant Release Inventory - Historic:**

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

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

**Oil and Gas Wells:**

Private

OGWE

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

**Government Publication Date: 1988-May 31, 2023**

**Ontario Oil and Gas Wells:**

Provincial

OOGW

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

**Government Publication Date: 1800-Aug 2021**

**Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

**Orders:**

Provincial

ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include 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 - Jun 30, 2023**

**Canadian Pulp and Paper:**

Private **PAP**

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

**Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**

**Parks Canada Fuel Storage Tanks:**

Federal **PCFT**

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

**Government Publication Date: 1920-Jan 2005\***

**Pesticide Register:**

Provincial **PES**

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

**Government Publication Date: Oct 2011- Jun 30, 2023**

**Pipeline Incidents:**

Provincial **PINC**

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

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

**Private and Retail Fuel Storage Tanks:**

Provincial **PRT**

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

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

**Permit to Take Water:**

Provincial **PTTW**

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

**Government Publication Date: 1994 - Jun 30, 2023**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial **REC**

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

**Government Publication Date: 1986-1990, 1992-2021**

**Record of Site Condition:**

Provincial **RSC**

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

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

**Government Publication Date: 1997-Sept 2001, Oct 2004-Jun 2023**

**Retail Fuel Storage Tanks:**

Private **RST**

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

**Government Publication Date: 1999-Feb 28, 2023**

**Scott's Manufacturing Directory:**

Private **SCT**

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

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

**Ontario Spills:**

Provincial [SPL](#)

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

**Government Publication Date: 1988-Oct 2021; Jul 2022**

**Wastewater Discharger Registration Database:**

Provincial [SRDS](#)

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

**Government Publication Date: 1990-Dec 31, 2020**

**Anderson's Storage Tanks:**

Private [TANK](#)

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

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

**Transport Canada Fuel Storage Tanks:**

Federal [TCFT](#)

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

**Government Publication Date: 1970 - Apr 2023**

**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, 2022**

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

Provincial [WDS](#)

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

**Government Publication Date: Oct 2011- Jun 30, 2023**

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

Provincial [WDSH](#)

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

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

**Water Well Information System:**

Provincial [WWIS](#)

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

**Government Publication Date: Mar 31 2023**



# Definitions

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

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

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

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

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

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

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

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

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

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

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

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