



**PATERSON
GROUP**

September 26, 2024
File: PE4870-LET.01

Richcraft Homes Inc.
2280 St. Laurent Boulevard
Suite 201
Ottawa, Ontario
K1G 4K1

Consulting Engineers

9 Auriga Drive
Ottawa, Ontario
K2E 7T9
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Geotechnical Engineering
Environmental Engineering
Hydrogeology
Materials Testing
Building Science
Rural Development Design
Retaining Wall Design
Noise and Vibration Studies

Attention: **Ms. May Pham**

patersongroup.ca

Subject: **Phase I-Environmental Site Assessment Update**
955 Borbridge Avenue
Ottawa, Ontario

Dear Ms. Pham,

Further to your request, Paterson Group (Paterson) carried out a Phase I Environmental Site Assessment (ESA) Update for the aforementioned property. This report updates a previous Phase I ESA that was prepared for a larger tract of land that included the current Phase I Property in 2020. This report is intended to meet the requirements of a Phase I ESA Update, as per the MECP Standard O.Reg. 153/04, as amended, under the Environmental Protection Act. This report is to be read in conjunction with the previous reports.

Site Information

The Phase I Property is currently vacant land. The Phase I Property is located on the south side of Borbridge Avenue, at the southwest corner of Ralph Hennessy and Borbridge Avenues, in the City of Ottawa, Ontario. The Phase I property is an irregular shaped lot in a R4Z – Residential Fourth Density Zone. The property is surrounded by residential properties. The Phase I Property is situated in a municipally serviced area. The configuration of the Phase I Property is shown on Drawing PE4870-3 – Surrounding Land Use Plan, which is appended to this report.





Records Review

Phase I ESA Study Area Determination

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

First Developed Use Determination

Based on the historical review, the Phase I Property was used for agricultural purposes in the 1960s, but it has never been formally developed.

Previous Engineering Reports

- ❑ "Phase I Environmental Site Assessment, 4775 and 4875 Spratt Road" prepared by Paterson Group, dated April 2, 2020.

The 2020 Phase I ESA was conducted for a much larger tract of land than the current Phase I Property. The Phase I Property was vacant at that time. The historical search indicated that the Phase I Property was used historically for agricultural purposes. No on-site or off-site potentially contaminating activities (PCAs) were identified within the Phase I ESA Study Area and as such, no areas of potential environmental concern (APECs) were identified. A Phase II ESA was not recommended.

Environment Canada

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

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 site as part of the 2020 Phase I ESA. A response from the MECP indicated that no records were found for the Phase I property.

MECP Submissions

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the property as part of the 2020 Phase I ESA. A response from the MECP indicated that no records were found for the Phase I Property.



MECP Incident Reports

A request was submitted to the MECP FOI office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the site or adjacent properties as part of the 2020 Phase I ESA. A response from the MECP indicated that no records were found for the Phase I property.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records as part of the 2020 Phase I ESAs. A response from the MECP indicated that no records were found for the Phase I property.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the site. No Municipal Coal Gasification Plant Sites are located within the Phase I study area.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment for the site, neighbouring properties, and the general area of the site. No Records of Site Condition (RSCs) were filed for the Phase I property or adjacent properties.

Areas of Natural Significance

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

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto, was contacted electronically to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. No records are listed in the TSSA registry for the Phase I property or neighbouring properties. The response from the TSSA is appended to this report.



City of Ottawa Landfill Document

The document entitled “Old Landfill Management Strategy, Phase I-Identification of Sites, City of Ottawa”, was reviewed. No former landfill sites were identified within the Phase I study area.

City of Ottawa Historical Land Use Inventory (HLUI)

A requisition was sent to the City of Ottawa to request information from the City’s Historical Land Use Inventory database for the Phase I property. A response had not been received at the time of issuing this report. A copy of the HLUI search results will be forwarded to the client.

The HLUI Response from the 2020 Phase I ESA was obtained and reviewed as part of the Phase I ESA. The HLUI response letter indicated that no activities were associated with the subject and surrounding properties within 250m. Although more recent HLUI has not been received, it is not expected to provide any new information that could materially affect our opinion.

ERIS Database Report

A database report, prepared by ERIS (Environmental Risk Information Services) Ltd., dated April 2, 2020, was acquired and reviewed as part of this assessment. The complete ERIS report has been included in the attachments.

On-Site Records:

The ERIS report did not identify any records pertaining to the Phase I Property.

Off-Site Records:

Ten (10) records were identified within the Phase I study area, no potentially contaminating activities were identified in the ERIS reports based on the nature of these records.

Aerial Photographs

The latest aerial image in the 2020 Phase I ESA report was from 2017. The 2022 aerial photograph was reviewed and the vegetation has been stripped on the subject and surrounding properties. No other significant changes were noted on the Phase I or surrounding properties.





Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. The topographic maps indicate that the regional topography in the general area slopes down in a westerly direction towards the Rideau River. The Rideau River is located to approximately 2.1km to the west. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

A Physiographic Map was reviewed from the Natural Resources Canada - The Atlas of Canada website. According to this physiographic map, the site is located in the St. Lawrence Lowlands. According to the mapping description provided: “The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets.” The Phase I property is located in the Central St. Lawrence Lowland, “where the land is rarely more than 150m above sea level, except for the Monteregian Hills, which consist of intrusive igneous rocks”.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area consists of sandstone and dolomite of the March Formation. The site is located in an area that is predominately made up of till with some nearshore marine sediments of sand and reworked glaciofluvial silt and clay, with an overburden thickness ranging from 5 to 15 meters.

Water Well Records

A well record search was conducted for all drilled wells within 250m of the subject site. The well record search returned eighteen (18) records. No wells were identified on the subject site. Based on the records on the surrounding properties, the site stratigraphy consists of glacial till and limestone bedrock. The overburden thickness was approximately 11.6 mbgs. No abandonment well records were found. A copy of the well records has been included in Appendix 2.

Property Owner Representative Interview

Ms. May Pham, of Richcraft, was interviewed as part of this update. Ms. May was unaware of any potential environmental concerns on the subject and neighbouring properties.



Site Reconnaissance

Our site reconnaissance visit was conducted on September 13, 2024. Weather conditions were overcast, with a temperature of approximately 25°C. Mr. Mohammed Ramadan from the Environmental Department of Paterson Group conducted the site inspection. In addition to the site, the uses of neighbouring properties within the Phase I Study Area were also assessed at the time of the site visit.

Exterior Assessment

The Phase I property is currently vacant undeveloped land. Site topography is relatively flat with the southern portion of the Phase I Property slightly sloping down to the west. Site drainage consists of surficial infiltration.

No evidence of spills or staining was observed during the site visit. No ASTs or evidence of USTs was observed on the Phase I property.

No evidence of railway lines was noted on the Phase I property. No concerns with respect to chemical storage or waste disposal were observed on the Phase I property. There were no unidentified substances observed on the exterior of the Phase I property.

A depiction of the Phase I property is illustrated on Drawing No. PE4870-3 – Surrounding Land Use Plan, appended to this report.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area is primarily residential. No PCAs were identified within the Phase I Study Area. Current land use within the Phase I Study Area is illustrated on Drawing No. PE4870-3 – Surrounding Land Use Plan in the Figures section of this report, following the text

Review and Evaluation of Information

Land Use History

Based on the historical review, the Phase I Property was used for agricultural purposes in the 1960s.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

No potentially contaminating activities (PCAs) were identified on the Phase I Property or in the Phase I ESA Study Area and as such, there are no areas of potential environmental concern (APECs).



Contaminants of Potential Concern

No Contaminants of Potential Concern (CPCs) were identified on the Phase I Property.

Conceptual Site Model

Geological and Hydrogeological Setting

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area consists of sandstone and dolomite of the March Formation. The site is located in an area that is predominately made up of till with some nearshore marine sediments of sand and reworked glaciofluvial silt and clay, with an overburden thickness ranging from 5 to 15 meters.

Existing Buildings and Structures

No buildings or structures exist on the Phase I Property.

Water Bodies

No water bodies were identified on the Phase I Property or in the Phase I Study Area.

Areas of Natural Significance

No areas of natural significance were identified on the Phase I Property or within the Phase I Study Area.

Drinking Water Wells

No domestic potable wells were observed on the Phase I Property nor are there expected to be any present on-site as the Phase I property has never been formally developed.

Neighbouring Land Use

Neighbouring land use in the Phase I study area consists of residential properties. Land use is shown on Drawing number PE4870-3- Surrounding Land Use Plan

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of this report, no PCAs were identified on the Phase I property or in the Phase I study area.

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





Assessment of Uncertainty and/or Absence of Information

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

Conclusions

Based on the results of this Phase I ESA Update, **it is our opinion, that a Phase II Environmental Site Assessment is not required for the 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 the agreed scope-of-work and O.Reg. 153/04. The conclusions presented herein are based on information gathered from a 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. The historical research relies on information supplied by others, such as local, provincial, and federal agencies and was limited within the scope-of-work, time, and budget of the project herein.

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

This report was prepared for the sole use of Richcraft Homes Inc. Permission and notification from Richcraft Homes Inc. and this firm will be required to release this report to any other party.

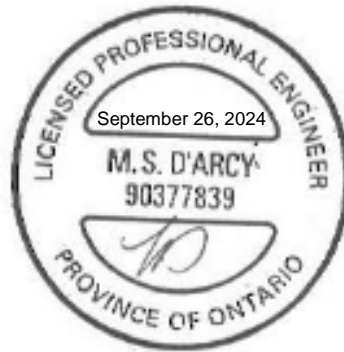
We trust that this submission satisfies your current requirements. Should you have any questions please contact the undersigned.

Paterson Group Inc.



Mohammed Ramadan, B.Sc.

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



Report Distribution:

- Richcraft Homes Inc. (1 copy)
- Paterson Group (1 copy)

Attachments:

- Figure 1 - Key Plan
- Figure 2 - Topographic Map
- Drawing PE4870-3 - Surrounding Land Use Plan
- MECP FOI Response
- TSSA Correspondence
- HLUI Response
- ERIS Report





FIGURE 1
KEY PLAN

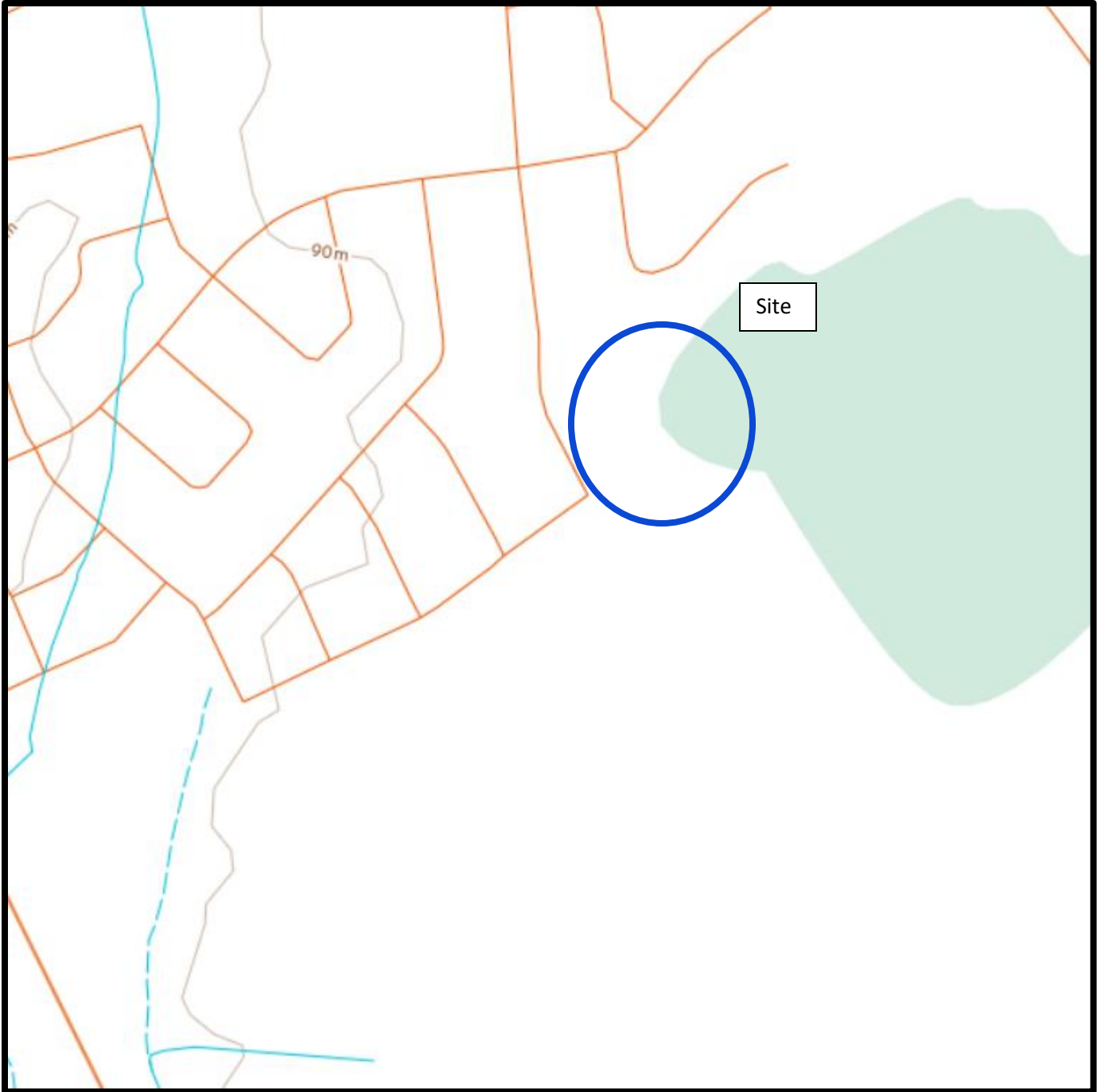


FIGURE 2

TOPOGRAPHIC MAP



LEGEND:
 PHASE I PROPERTY BOUNDARY

SCALE: 1:3000

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

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

RICHCRAFT HOMES LTD.
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
955 BORBRIDGE AVENUE

OTTAWA, ONTARIO

SURROUNDING LAND USE PLAN

| | | | |
|--------------|--------|---------------|-----------------|
| Scale: | 1:3000 | Date: | 09/2024 |
| Drawn by: | GK | Report No.: | PE4870-LET.01 |
| Checked by: | MR | Dwg. No.: | PE4870-3 |
| Approved by: | MSD | Revision No.: | |

Ministry of the Environment,
Conservation and Parks

Access and Privacy Office
12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

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

Bureau de l'accès à l'information et
de la protection de la vie privée
12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél.: (416) 314-4075



February 7, 2020

Mandy Witteman
Paterson Group Inc.
154 Colonnade Road
Ottawa, ON K2E 7J5

Dear Mandy Witteman:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2020-00695, Your Reference PE4870

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 4775 and 4875 Spratt Rd, Ottawa (one site).

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Assessment and Permissions Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is \$30.00 for 1 hour of search time @ \$30.00 per hour. **We have applied the \$30.00 for this request from your initial payment. This file is now closed.**

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Dany Briollais at 416-314-4075 or dany.briollais@ontario.ca.

Yours truly,

A handwritten signature in black ink, appearing to be "Noel Kent", written over a horizontal line.

Noel Kent
Manager (Acting), Access and Privacy



RE: Records Search for PE4870

From Public Information Services <publicinformationsservices@tssa.org>

Date Mon 9/23/2024 9:26 AM

To Mohammed Ramadan <MRamadan@patersongroup.ca>

External Email: Do not click on links or open attachments unless you trust the sender.

Hello ,

NO RECORDS FOUND IN CURRENT DATABASE:

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

This is not a confirmation that there are no records in the archives. For a further search in our archives, please go to the [TSSA Client Portal](#) to complete an Application for Release of Public Information.

Please refer to [How to Submit a Public Information Request \(tssa.org\)](#) for instructions.

The associated fee must be paid via credit card (Visa or MasterCard).

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

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

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

Kind regards,
Sherees



Public Information Agent

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

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

www.tssa.org



From: Mohammed Ramadan <MRamadan@patersongroup.ca>

Sent: Monday, September 23, 2024 7:30 AM

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

Subject: Records Search for PE4870

Good Morning,

[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.

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

Borbridge Avenue: **955, 912, 1025**
Honeydew Street: **601, 611, 629, 633**
Rockmelon Street: **213, 257**
Ralph Hennessy Avenue: **1050**

Regards,



MOHAMMED RAMADAN, B.Sc.
Environmental Inspector

TEL: (613) 226-7381 ext. 345
DIRECT: (613) 909-8069

9 AURIGA DRIVE
OTTAWA ON K2E 7T9

patersongroup.ca

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

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

March 6, 2020

Mandy Witteman
Paterson Group
154 Colonnade Road South
Ottawa, ON
K2E 7J5

Sent via email [mwitteman@patersongroup.ca]

Dear Ms. Witteman,

**Re: Information Request
4775 - 7875 Spratt Road, Ottawa, Ontario (“Subject Property”)**

Internal Department Circulation

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

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

Search of Historical Land Use Inventory

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

A search of the HLUI database revealed the following information:

- There are no activities associated with the Subject Property.

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

- There is 1 activity associated with properties located within 250m of the Subject Property. Activity 6467 has been identified with a PIN Certainty of “2”.

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

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

Additional information may be obtained by contacting:

Ontario’s Environmental Registry

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

The Ontario Land Registry Office

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

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

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

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

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

If you have any further questions or comments, please contact Jeffrey Ren at 613-580-2424 ext. 14743 or HLUI@ottawa.ca

Sincerely,

A handwritten signature in black ink that reads "Jeffrey Ren". The signature is written in a cursive style with a horizontal line underlining the name.

Jeffrey Ren

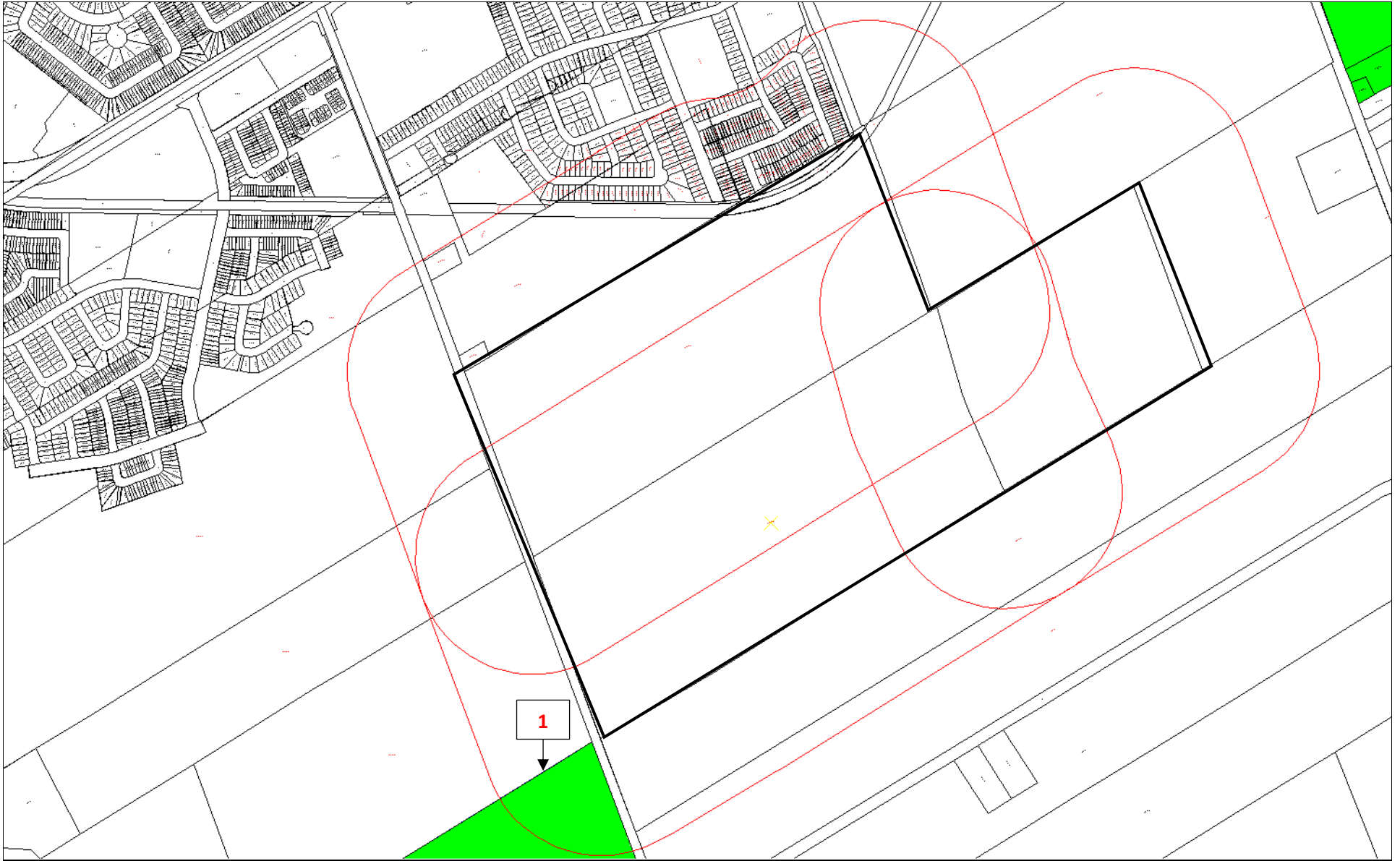
Per:

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

MB/JR

Enclosures.

cc: File no. D06-03-20-0036



Address: 4775 - 4875 Spratt Road
Ottawa, ON
File No.: D06-03-20-0036
Prepared By: Jeffrey Ren

Legend: Area Number
 Subject Site
 250 m Buffer
Scale: 1 : N/A



| Area | Associated HLUI Activities | Associated HLUI Activities with a PIN Certainty of "2" * |
|------------------|-----------------------------------|---|
| Subject Property | | |
| 1 | | 6467 |

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



Historical Land Use Inventory ***Adjacent Properties within 250m*** **Area & Activity Numbers**



Historical Land Use Inventory Area 1 Activity Numbers



CITY OF OTTAWA

HLUI ID: __679AXN

AREA (Square Metres): 458208.417

Report: RPTC_OT_DEV0122

Run On: 06 Mar 2020 at: 16:09:56

Study Year
2005

PIN
043300066

Multi-NAIC
N

Multiple Activities
N

Activity ID: 6467 **Multiple PINS:** N

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

Related PINS: 043300066

Name: JAWS PERFORMANCE LIMITED
Address: 671 RIDEAU STREET, MANOTICK

Facility Type: Motor Vehicle Repair Shops

Comments 1: no pin for 671 - pin is for 673

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS **SIC**
811112 0

Company Name

JAWS PERFORMANCE LIMITED

Year of Operation

c. 2001



DATABASE REPORT

Project Property: *PE4870 - 4775 Spratt Rd
4775 Spratt Road
Manotick ON K4M 0E2*

Project No: *29795*

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

Order No: *20200330041*

Requested by: *Paterson Group Inc.*

Date Completed: *April 2, 2020*

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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Executive Summary

Property Information:

Project Property: PE4870 - 4775 Spratt Rd
4775 Spratt Road Manotick ON K4M 0E2

Project No: 29795

Order Information:

Order No: 20200330041
Date Requested: March 30, 2020
Requested by: Paterson Group Inc.
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

Executive Summary: Report Summary

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

| Database | Name | Searched | Project Property | Boundary to 0.25km | Total |
|-----------------|--|-----------------|-------------------------|---------------------------|--------------|
| LIMO | <i>Landfill Inventory Management Ontario</i> | Y | 0 | 0 | 0 |
| MINE | <i>Canadian Mine Locations</i> | Y | 0 | 0 | 0 |
| MNR | <i>Mineral Occurrences</i> | Y | 0 | 0 | 0 |
| NATE | <i>National Analysis of Trends in Emergencies System (NATES)</i> | Y | 0 | 0 | 0 |
| NCPL | <i>Non-Compliance Reports</i> | Y | 0 | 0 | 0 |
| NDFT | <i>National Defense & Canadian Forces Fuel Tanks</i> | Y | 0 | 0 | 0 |
| NDSP | <i>National Defense & Canadian Forces Spills</i> | Y | 0 | 0 | 0 |
| NDWD | <i>National Defence & Canadian Forces Waste Disposal Sites</i> | Y | 0 | 0 | 0 |
| NEBI | <i>National Energy Board Pipeline Incidents</i> | Y | 0 | 0 | 0 |
| NEBP | <i>National Energy Board Wells</i> | Y | 0 | 0 | 0 |
| NEES | <i>National Environmental Emergencies System (NEES)</i> | Y | 0 | 0 | 0 |
| NPCB | <i>National PCB Inventory</i> | Y | 0 | 0 | 0 |
| NPRI | <i>National Pollutant Release Inventory</i> | Y | 0 | 0 | 0 |
| OGWE | <i>Oil and Gas Wells</i> | Y | 0 | 0 | 0 |
| 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 | 1 | 3 | 4 |
| Total: | | | 1 | 10 | 11 |

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> |
|-------------------|-----------|--------------------------|---|---------------------|----------------------|--------------------|
| 3 | WWIS | | lot 23 con 1 ON <i>Well ID:</i> 7318052 | WSW/0.0 | 0.00 | 13 |

Executive Summary: Site Report Summary - Surrounding Properties

| <i>Map Key</i> | <i>DB</i> | <i>Company/Site Name</i> | <i>Address</i> | <i>Dir/Dist (m)</i> | <i>Elev Diff (m)</i> | <i>Page Number</i> |
|-------------------|-----------|---|---|---------------------|----------------------|--------------------|
| 1 | AMIS | GOSSELIN S QUARRY | GLOUCESTER ON | WNW/33.3 | 0.00 | 13 |
| 2 | ECA | Urbandale Corporation | 4623 and 4721 Spratt Road, 980 Earl Armstrong Road Ottawa ON K1G 2H5 | NNW/122.2 | -1.04 | 14 |
| 2 | ECA | Urbandale Corporation | 4623 and 4721 Spratt Road, 980 Earl Armstrong Road Ottawa ON K1G 2H5 | NNW/122.2 | -1.04 | 14 |
| 4 | WWIS | | lot 22 con 1 ON Well ID: 1520426 | WNW/192.4 | -1.00 | 15 |
| 4 | WWIS | | lot 22 con 1 ON Well ID: 1521467 | WNW/192.4 | -1.00 | 17 |
| 4 | WWIS | | lot 22 con 1 ON Well ID: 1523059 | WNW/192.4 | -1.00 | 20 |
| 5 | EASR | CECCE | 925 Ralph Hennessy AVE Manotick ON K4M 0E2 | N/249.9 | -3.00 | 24 |
| 6 | EHS | | Rideau Rd & Spratt Rd Ottawa ON | NE/143.2 | -5.86 | 24 |
| 7 | BORE | | ON | W/166.2 | -2.00 | 24 |
| 8 | EASR | Riverside South Development Corp, Urbandale Corporation, Richcraft & Homes Ltd. | ON | NNE/223.5 | -6.00 | 25 |

Executive Summary: Summary By Data Source

AMIS - Abandoned Mine Information System

A search of the AMIS database, dated 1800-Oct 2018 has found that there are 1 AMIS site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------|-----------------------|----------------------------|--------------------------|
| GOSSELIN S QUARRY | GLOUCESTER ON | 33.3 | <u>1</u> |

BORE - Borehole

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

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------|-----------------------|----------------------------|--------------------------|
| | ON | 166.2 | <u>7</u> |

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Feb 29, 2020 has found that there are 2 EASR site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|---|---|----------------------------|--------------------------|
| CECCE | 925 Ralph Hennessy AVE Manotick ON K4M 0E2 | 249.9 | <u>5</u> |
| Riverside South Development Corp, Urbandale Corporation, Richcraft & Homes Ltd. | ON | 223.5 | <u>8</u> |

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Feb 29, 2020 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-----------------------|--|---------------------|--------------------------|
| Urbandale Corporation | 4623 and 4721 Spratt Road, 980 Earl Armstrong Road Ottawa ON K1G 2H5 | 122.2 | <u>2</u> |
| Urbandale Corporation | 4623 and 4721 Spratt Road, 980 Earl Armstrong Road Ottawa ON K1G 2H5 | 122.2 | <u>2</u> |

EHS - ERIS Historical Searches

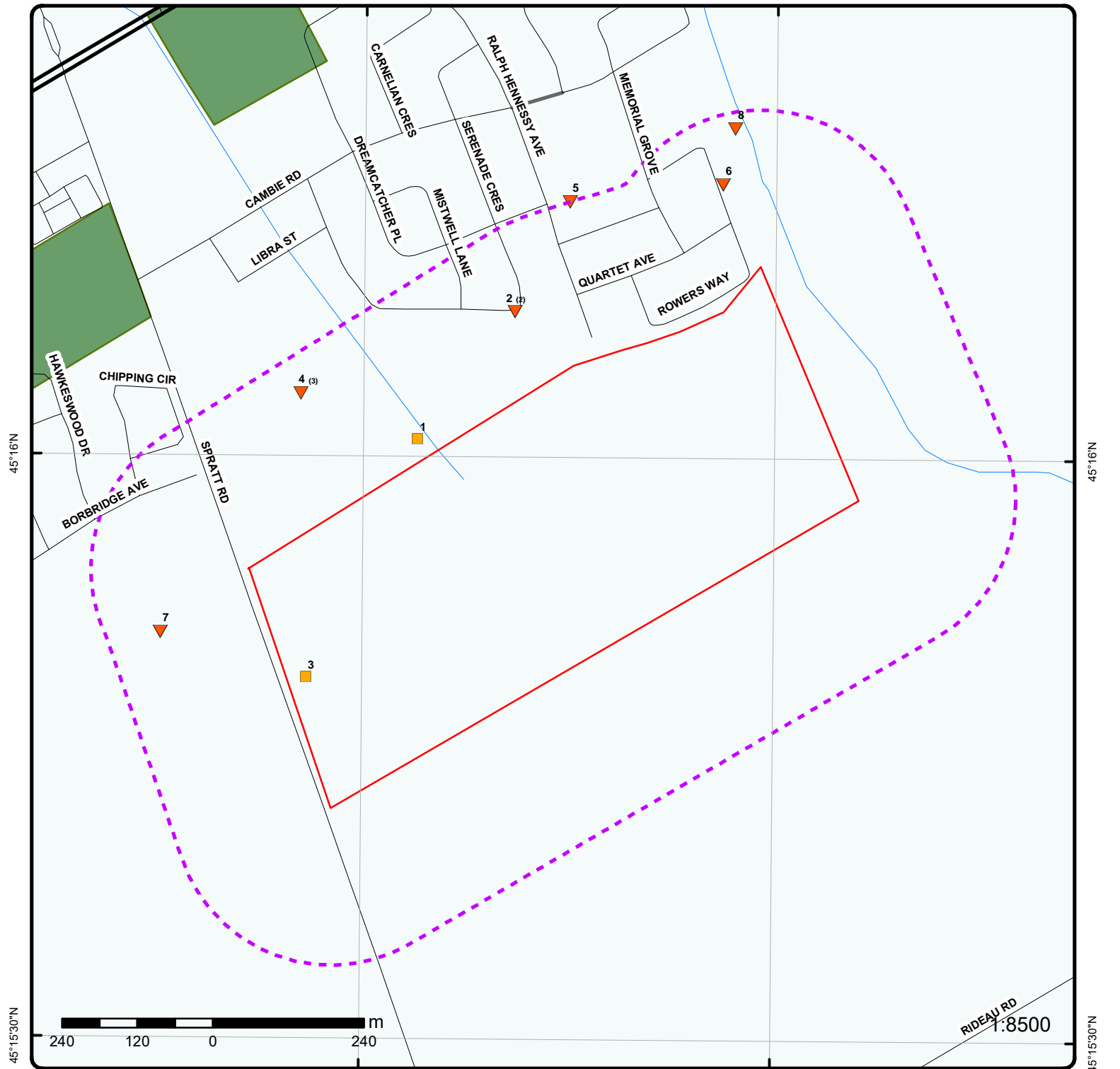
A search of the EHS database, dated 1999-Jan 31, 2020 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|------------------------------------|---------------------|--------------------------|
| | Rideau Rd & Spratt Rd Ottawa ON | 143.2 | <u>6</u> |

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 4 WWIS site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|---|---------------------|--------------------------|
| | lot 23 con 1 ON <i>Well ID:</i> 7318052 | 0.0 | <u>3</u> |
| | lot 22 con 1 ON <i>Well ID:</i> 1523059 | 192.4 | <u>4</u> |
| | lot 22 con 1 ON <i>Well ID:</i> 1521467 | 192.4 | <u>4</u> |
| | lot 22 con 1 ON <i>Well ID:</i> 1520426 | 192.4 | <u>4</u> |



Map : 0.25 Kilometer Radius

Order Number: 20200330041

Address: 4775 Spratt Road, Manotick, ON



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



Aerial Year: 2019

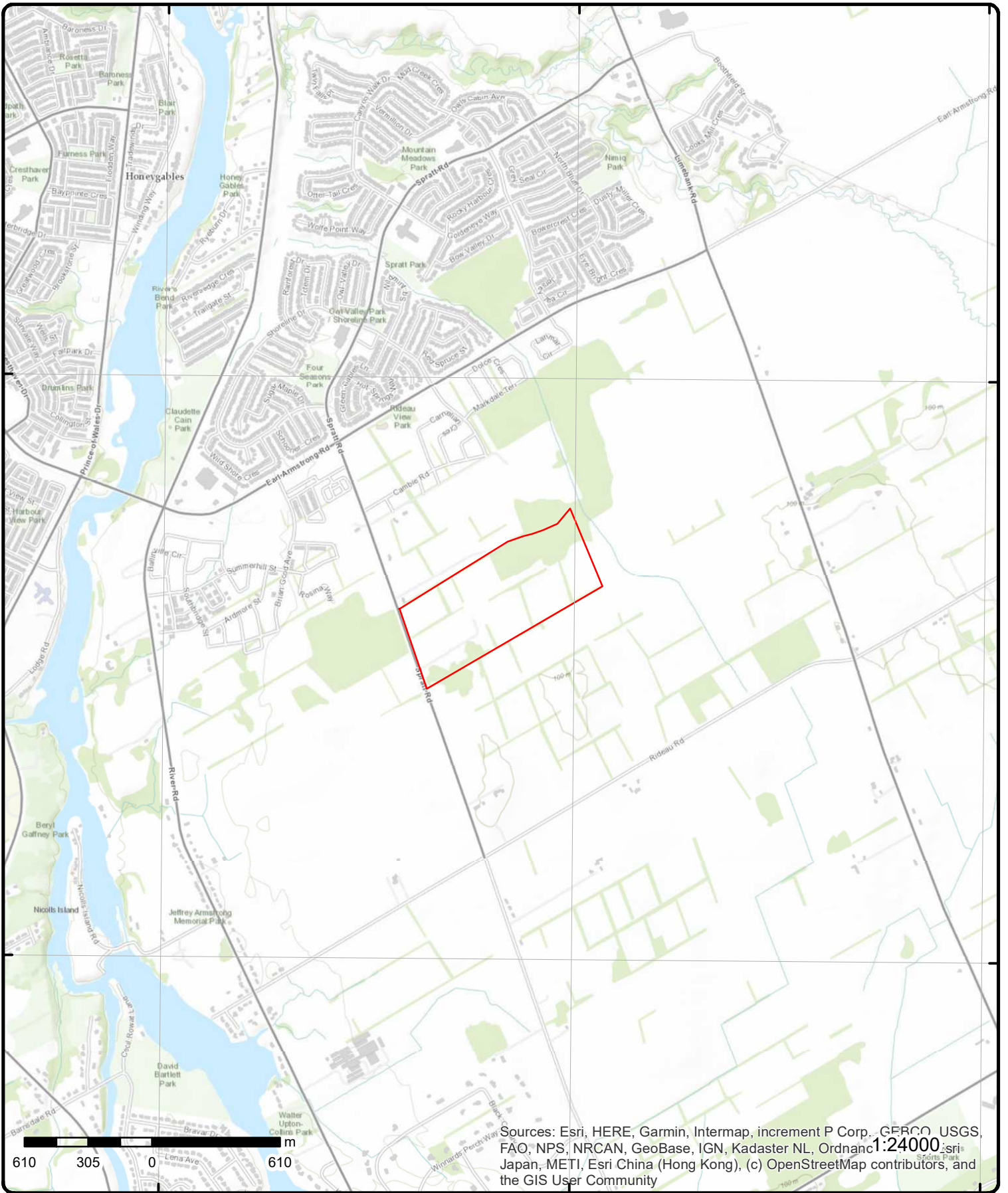
Address: 4775 Spratt Road, Manotick, ON

Source: ESRI World Imagery

Order Number: 20200330041



© ERIS Information Limited Partnership



Topographic Map

Address: 4775 Spratt Road, ON

Source: ESRI World Topographic Map

Order Number: 20200330041



© ERIS Information Limited Partnership

Detail Report

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|----------------------------|--------------------|--|-------------|
| <p><u>3</u></p> <p>Well ID: 7318052</p> <p>Construction Date:</p> <p>Primary Water Use:</p> <p>Sec. Water Use:</p> <p>Final Well Status:</p> <p>Water Type:</p> <p>Casing Material:</p> <p>Audit No: Z276894</p> <p>Tag: A252836</p> <p>Construction Method:</p> <p>Elevation (m):</p> <p>Elevation Reliability:</p> <p>Depth to Bedrock:</p> <p>Well Depth:</p> <p>Overburden/Bedrock:</p> <p>Pump Rate:</p> <p>Static Water Level:</p> <p>Flowing (Y/N):</p> <p>Flow Rate:</p> <p>Clear/Cloudy:</p> | <p>1 of 1</p> | <p>WSW/0.0</p> | <p>97.9 / 0.00</p> | <p>lot 23 con 1 ON</p> <p>Data Entry Status: Yes</p> <p>Data Src:</p> <p>Date Received: 9/10/2018</p> <p>Selected Flag: Yes</p> <p>Abandonment Rec:</p> <p>Contractor: 1119</p> <p>Form Version: 7</p> <p>Owner:</p> <p>Street Name:</p> <p>County: OTTAWA-CARLETON</p> <p>Municipality: GLOUCESTER TOWNSHIP</p> <p>Site Info:</p> <p>Lot: 023</p> <p>Concession: 01</p> <p>Concession Name: RF</p> <p>Easting NAD83:</p> <p>Northing NAD83:</p> <p>Zone:</p> <p>UTM Reliability:</p> | <p>WWIS</p> |
| <u>Bore Hole Information</u> | | | | | |
| <p>Bore Hole ID: 1007285449</p> <p>DP2BR:</p> <p>Spatial Status:</p> <p>Code OB:</p> <p>Code OB Desc:</p> <p>Open Hole:</p> <p>Cluster Kind:</p> <p>Date Completed: 8/13/2018</p> <p>Remarks:</p> <p>Elevrc Desc:</p> <p>Location Source Date:</p> <p>Improvement Location Source:</p> <p>Improvement Location Method:</p> <p>Source Revision Comment:</p> <p>Supplier Comment:</p> | | | | <p>Elevation:</p> <p>Elevrc:</p> <p>Zone: 18</p> <p>East83: 446302</p> <p>North83: 5012451</p> <p>Org CS: UTM83</p> <p>UTMRC: 4</p> <p>UTMRC Desc: margin of error : 30 m - 100 m</p> <p>Location Method: wwr</p> | |
| <p><u>1</u></p> <p>Site Access Code:</p> <p>AMIS Distr Code:</p> <p>Abandoned Mine ID: 07673</p> <p>Old MDI ID: NOT AVAILABLE</p> <p>New MDI ID:</p> <p>Official Nm: GOSSELIN S QUARRY</p> <p>Mine Status: ABANDONED</p> | <p>1 of 1</p> | <p>WNW/33.3</p> | <p>97.9 / 0.00</p> | <p>GOSSELIN S QUARRY</p> <p>GLOUCESTER ON</p> <p>Start Year:</p> <p>End Year:</p> <p>Prog Rehab Plan: NO</p> <p>Evid of Site Contam:</p> <p>Evid of Sulphide:</p> <p>Evid Animals Pres:</p> <p>Revegetation:</p> | <p>AMIS</p> |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------|---|----------------------------|------------------|-----------------------|---------------------|
| Mine Plan/Section: | UNDETERMINED | | | Veg Condition: | |
| Site Class: | C | | | Veg Descr: | |
| Clos Reason Code: | | | | Chemical Doc: | |
| Closure Plan: | UNDETERMINED | | | Jurisdiction: | MINING ACT |
| Prim Commod Code: | | | | Lot No: | 22 |
| Prim Commod: | UNDETRMINED | | | Concession: | 1 FROM RIDEAU RIVER |
| Operat Access: | N/A | | | Zone: | 18 |
| Date Entered: | 25-JUN-2018 | | | Northing: | 5012829 |
| Date Last Modified: | 25-JUN-2018 | | | Easting: | 446480 |
| Effective Date: | | | | Clos Reason: | UNDETRMINED |
| Hyper Link: | http://www.geologyontario.mndm.gov.on.ca/mndmfiles/AMIS/data/records/07673.html | | | | |
| AMIS District: | TWEED | | | | |
| District Desc: | TWEED | | | | |
| Animal Desc: | | | | | |
| Status Type Code: | | | | | |
| Mine Features Desc: | QUARRY | | | | |
| AMIS Bkgrd Info: | 5 M EXPOSED IN 2 ACRE QUARRY. COMMODITY: STONE | | | | |
| Alias Name: | THE QUARRIES; GOSELIN | | | | |

AMIS Features

| | | | | | |
|-------------------------------------|--|--|--|----------------------------|-----------|
| AMIS Feature ID: | 93850 | | | Feature Length: | |
| Effective Date: | | | | Eval Performed Ind: | |
| Date Last Modified: | 25-JUN-2018 | | | Soil Erosion Flag: | |
| Dt Entered in AMIS: | 25-JUN-2018 | | | Txt Feature ID: | |
| Mine Feat Class Desc: | FEATURE TO SURFACE | | | UTM Zone: | 18 |
| Feature Type Code: | | | | UTM Northing: | 5012829 |
| Mine Feat Type Desc: | QUARRY | | | UTM Easting: | 446480 |
| Hazard Status Desc: | ACTIVE | | | Lat DD Features: | 45.26692 |
| Depth or Height: | 5 | | | Long DD Features: | -75.68223 |
| Feature Width: | | | | | |
| Mine Feature Condition Desc: | UNKNOWN WIDTH AND LENGTH DIMENSIONSQUARRY IS 2 ACRES | | | | |

[2](#) 1 of 2 **NNW/122.2** **96.8 / -1.04** **Urbandale Corporation**
4623 and 4721 Spratt Road, 980 Earl Armstrong
Road **ECA**
Ottawa ON K1G 2H5

| | | | |
|-----------------------|---|----------------------|--|
| Approval No: | 4644-AQBJRW | MOE District: | |
| Approval Date: | 2017-08-22 | City: | |
| Status: | Approved | Longitude: | |
| Record Type: | ECA | Latitude: | |
| Link Source: | IDS | Geometry X: | |
| SWP Area Name: | | Geometry Y: | |
| Approval Type: | ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS | | |
| Project Type: | MUNICIPAL AND PRIVATE SEWAGE WORKS | | |
| Address: | 4623 and 4721 Spratt Road, 980 Earl Armstrong Road | | |
| Full Address: | | | |
| Full PDF Link: | https://www.accessenvironment.ene.gov.on.ca/instruments/1505-APTQBG-14.pdf | | |

[2](#) 2 of 2 **NNW/122.2** **96.8 / -1.04** **Urbandale Corporation**
4623 and 4721 Spratt Road, 980 Earl Armstrong
Road **ECA**
Ottawa ON K1G 2H5

| | | | |
|-----------------------|--|----------------------|--|
| Approval No: | 9695-APNR4V | MOE District: | |
| Approval Date: | 2017-08-08 | City: | |
| Status: | Approved | Longitude: | |
| Record Type: | ECA | Latitude: | |
| Link Source: | IDS | Geometry X: | |
| SWP Area Name: | | Geometry Y: | |
| Approval Type: | ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------|-------------------|---|------------------|------|----|
| Project Type: | | MUNICIPAL AND PRIVATE SEWAGE WORKS | | | |
| Address: | | 4623 and 4721 Spratt Road, 980 Earl Armstrong Road | | | |
| Full Address: | | | | | |
| Full PDF Link: | | https://www.accessenvironment.ene.gov.on.ca/instruments/2027-APKL5T-13.pdf | | | |

| <u>4</u> | 1 of 3 | WNW/192.4 | 96.9 / -1.00 | lot 22 con 1 ON | WWIS |
|-------------------------------|--------------|-----------|--------------|---------------------------|---------------------|
| Well ID: | 1520426 | | | Data Entry Status: | |
| Construction Date: | | | | Data Src: | 1 |
| Primary Water Use: | Domestic | | | Date Received: | 2/20/1986 |
| Sec. Water Use: | | | | Selected Flag: | Yes |
| Final Well Status: | Water Supply | | | Abandonment Rec: | |
| Water Type: | | | | Contractor: | 1119 |
| Casing Material: | | | | Form Version: | 1 |
| Audit No: | | | | Owner: | |
| Tag: | | | | Street Name: | |
| Construction Method: | | | | County: | OTTAWA-CARLETON |
| Elevation (m): | | | | Municipality: | GLOUCESTER TOWNSHIP |
| Elevation Reliability: | | | | Site Info: | |
| Depth to Bedrock: | | | | Lot: | 022 |
| Well Depth: | | | | Concession: | 01 |
| Overburden/Bedrock: | | | | Concession Name: | RF |
| Pump Rate: | | | | Easting NAD83: | |
| Static Water Level: | | | | Northing NAD83: | |
| Flowing (Y/N): | | | | Zone: | |
| Flow Rate: | | | | UTM Reliability: | |
| Clear/Cloudy: | | | | | |

Bore Hole Information

| | | | |
|-------------------------------------|--|-------------------------|--------------------------------|
| Bore Hole ID: | 10042269 | Elevation: | 93.193618 |
| DP2BR: | 36 | Elevrc: | |
| Spatial Status: | Improved | Zone: | 18 |
| Code OB: | r | East83: | 446295 |
| Code OB Desc: | Bedrock | North83: | 5012901 |
| Open Hole: | | Org CS: | N83 |
| Cluster Kind: | | UTMRC: | 8 |
| Date Completed: | 11/11/1985 | UTMRC Desc: | margin of error : 3 km - 10 km |
| Remarks: | | Location Method: | lot |
| Elevrc Desc: | | | |
| Location Source Date: | July 2001 | | |
| Improvement Location Source: | PWPF-SDG/PWPF-PRU Eastern Ontario 2000 GWS\E.Ontario GW Study - DigitalFiles\E.O.W.R.M.S\Water Well Record Database\arc-info coverage.well location.e00 | | |
| Improvement Location Method: | GIS10000 | | |
| Source Revision Comment: | Coordinate change in shapefile | | |
| Supplier Comment: | no metadata on shp file, but seems ~4000 wells updated out of ~48000, (however nothing in report to describe these changes); diffeast:553735, diffnorth:4987320; original coordinates =9999... | | |

Overburden and Bedrock

Materials Interval

| | |
|------------------------------|-----------|
| Formation ID: | 931044727 |
| Layer: | 1 |
| Color: | |
| General Color: | |
| Mat1: | 05 |
| Most Common Material: | CLAY |
| Mat2: | 12 |
| Other Materials: | STONES |
| Mat3: | |
| Other Materials: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| Formation Top Depth: | 0 | | | | |
| Formation End Depth: | 36 | | | | |
| Formation End Depth UOM: | ft | | | | |
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: | 931044728 | | | | |
| Layer: | 2 | | | | |
| Color: | 2 | | | | |
| General Color: | GREY | | | | |
| Mat1: | 15 | | | | |
| Most Common Material: | LIMESTONE | | | | |
| Mat2: | | | | | |
| Other Materials: | | | | | |
| Mat3: | | | | | |
| Other Materials: | | | | | |
| Formation Top Depth: | 36 | | | | |
| Formation End Depth: | 115 | | | | |
| Formation End Depth UOM: | ft | | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | | | | |
| Method Construction Code: | 2 | | | | |
| Method Construction: | Rotary (Convent.) | | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | 10590839 | | | | |
| Casing No: | 1 | | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 930073780 | | | | |
| Layer: | 1 | | | | |
| Material: | 1 | | | | |
| Open Hole or Material: | STEEL | | | | |
| Depth From: | | | | | |
| Depth To: | 41 | | | | |
| Casing Diameter: | 6 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pump Test ID: | 991520426 | | | | |
| Pump Set At: | | | | | |
| Static Level: | 50 | | | | |
| Final Level After Pumping: | 90 | | | | |
| Recommended Pump Depth: | 100 | | | | |
| Pumping Rate: | 5 | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | 5 | | | | |
| Levels UOM: | ft | | | | |
| Rate UOM: | GPM | | | | |
| Water State After Test Code: | 1 | | | | |
| Water State After Test: | CLEAR | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 0 | | | |
| Pumping Duration MIN: | | 30 | | | |
| Flowing: | | N | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934386783 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 90 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934111919 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 90 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933477668 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 110 | | | |
| Water Found Depth UOM: | | ft | | | |

| | | | | | |
|-------------------------------------|--------|--------------|--------------|---------------------------|---------------------|
| 4 | 2 of 3 | WNW/192.4 | 96.9 / -1.00 | lot 22 con 1 ON | WWIS |
| Well ID: | | 1521467 | | Data Entry Status: | |
| Construction Date: | | | | Data Src: | 1 |
| Primary Water Use: | | Domestic | | Date Received: | 7/9/1987 |
| Sec. Water Use: | | | | Selected Flag: | Yes |
| Final Well Status: | | Water Supply | | Abandonment Rec: | |
| Water Type: | | | | Contractor: | 1558 |
| Casing Material: | | | | Form Version: | 1 |
| Audit No: | | 04697 | | Owner: | |
| Tag: | | | | Street Name: | |
| Construction Method: | | | | County: | OTTAWA-CARLETON |
| Elevation (m): | | | | Municipality: | GLOUCESTER TOWNSHIP |
| Elevation Reliability: | | | | Site Info: | |
| Depth to Bedrock: | | | | Lot: | 022 |
| Well Depth: | | | | Concession: | 01 |
| Overburden/Bedrock: | | | | Concession Name: | RF |
| Pump Rate: | | | | Easting NAD83: | |
| Static Water Level: | | | | Northing NAD83: | |
| Flowing (Y/N): | | | | Zone: | |
| Flow Rate: | | | | UTM Reliability: | |
| Clear/Cloudy: | | | | | |
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: | | 10043289 | | Elevation: | 93.193618 |
| DP2BR: | | 23 | | Elevrc: | |
| Spatial Status: | | Improved | | Zone: | 18 |
| Code OB: | | r | | East83: | 446295 |
| Code OB Desc: | | Bedrock | | North83: | 5012901 |
| Open Hole: | | | | Org CS: | N83 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------------|--|----------------------------|------------------|-------------------------|--------------------------------|
| Cluster Kind: | | | | UTMRC: | 8 |
| Date Completed: | 6/16/1987 | | | UTMRC Desc: | margin of error : 3 km - 10 km |
| Remarks: | | | | Location Method: | lot |
| Elevrc Desc: | | | | | |
| Location Source Date: | July 2001 | | | | |
| Improvement Location Source: | PWPF-SDG/PWPF-PRU Eastern Ontario 2000 GWS\E.Ontario GW Study - DigitalFiles\E.O.W.R.M.S\Water Well Record Database\arc-info coverage.well location.e00 | | | | |
| Improvement Location Method: | GIS10000 | | | | |
| Source Revision Comment: | Coordinate change in shapefile | | | | |
| Supplier Comment: | no metadata on shp file, but seems ~4000 wells updated out of ~48000, (however nothing in report to describe these changes); diffeast:553735, diffnorth:4987320; original coordinates =9999... | | | | |

**Overburden and Bedrock
Materials Interval**

Formation ID: 931048152
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Other Materials: SANDY
Mat3: 13
Other Materials: BOULDERS
Formation Top Depth: 6
Formation End Depth: 23
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931048151
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Other Materials: SANDY
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931048153
Layer: 3
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 23
Formation End Depth: 50
Formation End Depth UOM: ft

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | | | | |
| Method Construction Code: | 5 | | | | |
| Method Construction: | Air Percussion | | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | 10591859 | | | | |
| Casing No: | 1 | | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 930075595 | | | | |
| Layer: | 1 | | | | |
| Material: | 1 | | | | |
| Open Hole or Material: | STEEL | | | | |
| Depth From: | | | | | |
| Depth To: | 25 | | | | |
| Casing Diameter: | 6 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 930075596 | | | | |
| Layer: | 2 | | | | |
| Material: | 4 | | | | |
| Open Hole or Material: | OPEN HOLE | | | | |
| Depth From: | | | | | |
| Depth To: | 50 | | | | |
| Casing Diameter: | 6 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pump Test ID: | 991521467 | | | | |
| Pump Set At: | | | | | |
| Static Level: | 2 | | | | |
| Final Level After Pumping: | 15 | | | | |
| Recommended Pump Depth: | 30 | | | | |
| Pumping Rate: | 10 | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | 5 | | | | |
| Levels UOM: | ft | | | | |
| Rate UOM: | GPM | | | | |
| Water State After Test Code: | 1 | | | | |
| Water State After Test: | CLEAR | | | | |
| Pumping Test Method: | 1 | | | | |
| Pumping Duration HR: | 1 | | | | |
| Pumping Duration MIN: | 0 | | | | |
| Flowing: | N | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 934651777 | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| Test Type: | | Draw Down | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 15 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934106533 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 15 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934390633 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 15 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934908868 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 15 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933479043 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 40 | | | |
| Water Found Depth UOM: | | ft | | | |

| | | | | | |
|-------------------------------|--------|--------------|--------------|--|------|
| 4 | 3 of 3 | WNW/192.4 | 96.9 / -1.00 | lot 22 con 1 ON | WWIS |
| Well ID: | | 1523059 | | Data Entry Status: | |
| Construction Date: | | | | Data Src: 1 | |
| Primary Water Use: | | Domestic | | Date Received: 12/21/1988 | |
| Sec. Water Use: | | | | Selected Flag: Yes | |
| Final Well Status: | | Water Supply | | Abandonment Rec: | |
| Water Type: | | | | Contractor: 1558 | |
| Casing Material: | | | | Form Version: 1 | |
| Audit No: | | 38381 | | Owner: | |
| Tag: | | | | Street Name: | |
| Construction Method: | | | | County: OTTAWA-CARLETON | |
| Elevation (m): | | | | Municipality: GLOUCESTER TOWNSHIP | |
| Elevation Reliability: | | | | Site Info: | |
| Depth to Bedrock: | | | | Lot: 022 | |
| Well Depth: | | | | Concession: 01 | |
| Overburden/Bedrock: | | | | Concession Name: RF | |
| Pump Rate: | | | | Easting NAD83: | |
| Static Water Level: | | | | Northing NAD83: | |
| Flowing (Y/N): | | | | Zone: | |
| Flow Rate: | | | | UTM Reliability: | |
| Clear/Cloudy: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--|--------------------------------|----------------------|-------------------------|--------------------------------|
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: | 10044865 | | | Elevation: | 93.193618 |
| DP2BR: | 62 | | | Elevrc: | |
| Spatial Status: | Improved | | | Zone: | 18 |
| Code OB: | r | | | East83: | 446295 |
| Code OB Desc: | Bedrock | | | North83: | 5012901 |
| Open Hole: | | | | Org CS: | N83 |
| Cluster Kind: | | | | UTMRC: | 8 |
| Date Completed: | 11/21/1988 | | | UTMRC Desc: | margin of error : 3 km - 10 km |
| Remarks: | | | | Location Method: | lot |
| Elevrc Desc: | | | | | |
| Location Source Date: | July 2001 | | | | |
| Improvement Location Source: | PWPF-SDG/PWPF-PRU Eastern Ontario 2000 GWS\E.Ontario GW Study - DigitalFiles\E.O.W.R.M.S\Water Well Record Database\arc-info coverage.well location.e00 | | | | |
| Improvement Location Method: | GIS10000 | | | | |
| Source Revision Comment: | Coordinate change in shapefile | | | | |
| Supplier Comment: | no metadata on shp file, but seems ~4000 wells updated out of ~48000, (however nothing in report to describe these changes); diffeast:553735, diffnorth:4987320; original coordinates =9999... | | | | |
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: | 931053403 | | | | |
| Layer: | 3 | | | | |
| Color: | 2 | | | | |
| General Color: | GREY | | | | |
| Mat1: | 28 | | | | |
| Most Common Material: | SAND | | | | |
| Mat2: | 79 | | | | |
| Other Materials: | PACKED | | | | |
| Mat3: | | | | | |
| Other Materials: | | | | | |
| Formation Top Depth: | 45 | | | | |
| Formation End Depth: | 62 | | | | |
| Formation End Depth UOM: | ft | | | | |
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: | 931053402 | | | | |
| Layer: | 2 | | | | |
| Color: | 2 | | | | |
| General Color: | GREY | | | | |
| Mat1: | 05 | | | | |
| Most Common Material: | CLAY | | | | |
| Mat2: | 86 | | | | |
| Other Materials: | STICKY | | | | |
| Mat3: | | | | | |
| Other Materials: | | | | | |
| Formation Top Depth: | 16 | | | | |
| Formation End Depth: | 45 | | | | |
| Formation End Depth UOM: | ft | | | | |
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: | 931053401 | | | | |
| Layer: | 1 | | | | |
| Color: | 6 | | | | |
| General Color: | BROWN | | | | |
| Mat1: | 05 | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Most Common Material: CLAY | | | | | |
| Mat2: 79 | | | | | |
| Other Materials: PACKED | | | | | |
| Mat3: | | | | | |
| Other Materials: | | | | | |
| Formation Top Depth: 0 | | | | | |
| Formation End Depth: 16 | | | | | |
| Formation End Depth UOM: ft | | | | | |
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: 931053405 | | | | | |
| Layer: 5 | | | | | |
| Color: 2 | | | | | |
| General Color: GREY | | | | | |
| Mat1: 18 | | | | | |
| Most Common Material: SANDSTONE | | | | | |
| Mat2: | | | | | |
| Other Materials: | | | | | |
| Mat3: | | | | | |
| Other Materials: | | | | | |
| Formation Top Depth: 190 | | | | | |
| Formation End Depth: 250 | | | | | |
| Formation End Depth UOM: ft | | | | | |
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: 931053404 | | | | | |
| Layer: 4 | | | | | |
| Color: 2 | | | | | |
| General Color: GREY | | | | | |
| Mat1: 15 | | | | | |
| Most Common Material: LIMESTONE | | | | | |
| Mat2: | | | | | |
| Other Materials: | | | | | |
| Mat3: | | | | | |
| Other Materials: | | | | | |
| Formation Top Depth: 62 | | | | | |
| Formation End Depth: 190 | | | | | |
| Formation End Depth UOM: ft | | | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | | | | |
| Method Construction Code: 5 | | | | | |
| Method Construction: Air Percussion | | | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: 10593435 | | | | | |
| Casing No: 1 | | | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: 930078483 | | | | | |
| Layer: 1 | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Material: | 1 | | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | 65 | | | | |
| Casing Diameter: | 6 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 930078484 | | | | |
| Layer: | 2 | | | | |
| Material: | 4 | | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | 250 | | | | |
| Casing Diameter: | 6 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pump Test ID: | 991523059 | | | | |
| Pump Set At: | | | | | |
| Static Level: | 30 | | | | |
| Final Level After Pumping: | 60 | | | | |
| Recommended Pump Depth: | 100 | | | | |
| Pumping Rate: | 10 | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | 5 | | | | |
| Levels UOM: | ft | | | | |
| Rate UOM: | GPM | | | | |
| Water State After Test Code: | 1 | | | | |
| Water State After Test: | CLEAR | | | | |
| Pumping Test Method: | 1 | | | | |
| Pumping Duration HR: | 1 | | | | |
| Pumping Duration MIN: | 0 | | | | |
| Flowing: | N | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 934388053 | | | | |
| Test Type: | Draw Down | | | | |
| Test Duration: | 30 | | | | |
| Test Level: | 60 | | | | |
| Test Level UOM: | ft | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 934649035 | | | | |
| Test Type: | Draw Down | | | | |
| Test Duration: | 45 | | | | |
| Test Level: | 60 | | | | |
| Test Level UOM: | ft | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 934906239 | | | | |
| Test Type: | Draw Down | | | | |
| Test Duration: | 60 | | | | |
| Test Level: | 60 | | | | |
| Test Level UOM: | ft | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|---|----------------------------|---------------------|---|-------------|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 934112634 | | | | |
| Test Type: | Draw Down | | | | |
| Test Duration: | 15 | | | | |
| Test Level: | 60 | | | | |
| Test Level UOM: | ft | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | 933481178 | | | | |
| Layer: | 1 | | | | |
| Kind Code: | 1 | | | | |
| Kind: | FRESH | | | | |
| Water Found Depth: | 245 | | | | |
| Water Found Depth UOM: | ft | | | | |
| <u>5</u> | 1 of 1 | N/249.9 | 94.9 / -3.00 | CECCE 925 Ralph Hennessy AVE Manotick ON K4M 0E2 | EASR |
| Approval No: | R-009-1110634546 | | | SWP Area Name: Rideau Valley | |
| Status: | REGISTERED | | | MOE District: Ottawa | |
| Date: | 2018-10-16 | | | Municipality: Manotick | |
| Record Type: | EASR | | | Latitude: 45.27388889 | |
| Link Source: | MOFA | | | Longitude: -75.68277778 | |
| Project Type: | Water Taking - Construction Dewatering | | | Geometry X: | |
| Full Address: | | | | Geometry Y: | |
| Approval Type: | EASR-Water Taking - Construction Dewatering | | | | |
| Full PDF Link: | http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2098062 | | | | |
| <u>6</u> | 1 of 1 | NE/143.2 | 92.0 / -5.86 | Rideau Rd & Spratt Rd Ottawa ON | EHS |
| Order No: | 20160829056 | | | Nearest Intersection: | |
| Status: | C | | | Municipality: | |
| Report Type: | Custom Report | | | Client Prov/State: ON | |
| Report Date: | 02-SEP-16 | | | Search Radius (km): .25 | |
| Date Received: | 29-AUG-16 | | | X: -75.676075 | |
| Previous Site Name: | | | | Y: 45.27058 | |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | | | | |
| <u>7</u> | 1 of 1 | W/166.2 | 95.9 / -2.00 | ON | BORE |
| Borehole ID: | 612029 | | | Inclin FLG: No | |
| OGF ID: | 215513339 | | | SP Status: Initial Entry | |
| Status: | | | | Surv Elev: No | |
| Type: | Borehole | | | Piezometer: No | |
| Use: | | | | Primary Name: | |
| Completion Date: | | | | Municipality: | |
| Static Water Level: | 6.4 | | | Lot: | |
| Primary Water Use: | | | | Township: | |
| Sec. Water Use: | | | | Latitude DD: 45.264126 | |
| Total Depth m: | -999 | | | Longitude DD: -75.687414 | |
| Depth Ref: | Ground Surface | | | UTM Zone: 18 | |
| Depth Elev: | | | | Easting: 446071 | |
| Drill Method: | | | | Northing: 5012522 | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--|----------------------------|------------------|---|--|
| Orig Ground Elev m: Elev Reliabil Note: DEM Ground Elev m: Concession: Location D: Survey D: Comments: | 89.9 93.4 | | | Location Accuracy: Accuracy: | Not Applicable |
| <u>Borehole Geology Stratum</u> | | | | | |
| Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: | 218389858 0 10.7 Till | | | Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | |
| Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: | 218389859 10.7 Gravel Sand | | | Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | GRAVEL,SAND. WATER STABLE AT 274.0 FEET.E AT 258.0 FEET.CLAY,BOULDERS. BEDROCK, LIMESTONE. |
| <u>Source</u> | | | | | |
| Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1: | Data Survey Geological Survey of Canada 1956-1972 M Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 045370 NTS_Sheet: 31G05B Reliable information but incomplete. | | | Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: | Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level |
| <u>Source List</u> | | | | | |
| Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators: | 1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada | | | Horizontal Datum: Vertical Datum: Projection Name: | NAD27 Mean Average Sea Level Universal Transverse Mercator |
| <u>8</u> | 1 of 1 | NNE/223.5 | 91.9 / -6.00 | Riverside South Development Corp, Urbandale Corporation, Richcraft & Homes Ltd. | EASR |
| Approval No: Status: Date: Record Type: | R-009-1110170558 REGISTERED 2017-06-29 EASR | | | SWP Area Name: MOE District: Municipality: Latitude: | Rideau Valley Ottawa 45.27138889 |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|-----------------------|---|--------------------------------|----------------------|--------------------|--------------|
| Link Source: | MOFA | | | Longitude: | -75.67583333 |
| Project Type: | Water Taking - Construction Dewatering | | | Geometry X: | |
| Full Address: | | | | Geometry Y: | |
| Approval Type: | EASR-Water Taking - Construction Dewatering | | | | |
| Full PDF Link: | http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2038744 | | | | |

Unplottable Summary

Total: **20** Unplottable sites

| DB | Company Name/Site Name | Address | City | Postal |
|-----|--|--|-----------|---------|
| CA | Urbandale Corporation | | Ottawa ON | |
| CA | Riverside South Development Corp. | Geographic Township of Gloucester | Ottawa ON | |
| CA | Riverside South Development Corp. | | Ottawa ON | |
| CA | Urbandale Corporation | | Ottawa ON | |
| CA | Riverside South Development Corp. | Geographic Township of Gloucester | Ottawa ON | |
| CA | Urbandale Corporation | | Ottawa ON | |
| CA | Urbandale Corporation | | Ottawa ON | |
| CA | Urbandale Corporation | | Ottawa ON | |
| CA | Urbandale Corporation | | Ottawa ON | |
| CA | Urbandale Corporation | | Ottawa ON | |
| CA | Urbandale Corporation | | Ottawa ON | |
| CA | Riverside South Development Corp. | Geographic Township of Gloucester | Ottawa ON | |
| CA | Riverside South Development Corp. | | Ottawa ON | |
| CA | Riverside South Development Corp. | | Ottawa ON | |
| CA | | Parts of lots 23, 24, and 25, Concession 1 | Ottawa ON | |
| EBR | Riverside South Development Corporation (RSDC) | | ON | |
| ECA | Riverside South Development Corp. | | Ottawa ON | K1G 2H5 |

| | | | |
|-----|-----------------------|---------------|---------|
| ECA | Urbandale Corporation | Ottawa ON | K1G 2H5 |
| ECA | Urbandale Corporation | Ottawa ON | K1G 2H5 |
| RSC | Lots 23 & 24, Con 1, | Gloucester ON | |

Unplottable Report

Site: *Urbandale Corporation
Ottawa ON*

Database:
CA

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

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

Database:
CA

Certificate #: 8040-7NVLD3
Application Year: 2009
Issue Date: 2/11/2009
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Riverside South Development Corp.
Ottawa ON*

Database:
CA

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

Site: *Urbandale Corporation
Ottawa ON*

Database:
CA

Certificate #: 6829-6Y7RQX

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

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

Database:
CA

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

Site: *Urbandale Corporation
Ottawa ON*

Database:
CA

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

Site: *Urbandale Corporation
Ottawa ON*

Database:
CA

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

Site: *Urbandale Corporation
Ottawa ON*

Database:
CA

Certificate #: 2169-5WVM7Y
Application Year: 2004
Issue Date: 3/12/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Urbandale Corporation
Ottawa ON*

Database:
CA

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

Site: *Urbandale Corporation
Ottawa ON*

Database:
CA

Certificate #: 1130-6BLHGE
Application Year: 2005
Issue Date: 4/21/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Urbandale Corporation
Ottawa ON*

Database:
CA

Certificate #: 8787-5YQRUU
Application Year: 2004
Issue Date: 5/10/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:

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

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

Database:
[CA](#)

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

Site: *Riverside South Development Corp.
Ottawa ON*

Database:
[CA](#)

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

Site: *Riverside South Development Corp.
Ottawa ON*

Database:
[CA](#)

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

Site: *Parts of lots 23, 24, and 25, Concession 1 Ottawa ON*

Database:
[CA](#)

Certificate #: 3338-4QES6W
Application Year: 00

Issue Date: 10/25/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Claridge Homes (Rockcliffe Mews) Inc.
Client Address: 2001-210 Gladstone Ave.
Client City: Ottawa
Client Postal Code: K2P 0Y6
Project Description: watermains construction on Merganser Circle, Den Haag Drive, the Easement on block 101, and Streets 3 and 4
Contaminants:
Emission Control:

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

Database:
EBR

EBR Registry No: 012-7921
Ministry Ref No: MNRF INST 49/16
Notice Type: Instrument Decision
Notice Stage: 848864526
Notice Date: April 13, 2017
Proposal Date: June 14, 2016
Year: 2016
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species
Off Instrument Name:
Posted By:
Company Name: Riverside South Development Corporation (RSDC)
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2193 Arch Street, Ottawa Ontario, Canada K1G 3H5
Comment Period:
URL:

Site Location Details:

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

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

Database:
ECA

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

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

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

Database:
ECA

Approval No: 8787-5YQRUU
Approval Date: 2004-05-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS

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

Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3747-5YPLC8-14.pdf>

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

Database:
ECA

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

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

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

Database:
RSC

RSC ID:
RA No:
RSC Type:
Curr Property Use:
Ministry District:
Filing Date: 01/26/00
Date Ack:
Date Returned: 03/10/00
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect
1686:
Asmt Roll No:
Prop ID No (PIN):
Property Municipal Address:
Mailing Address:
Latitude & Longitude:
UTM Coordinates:
Consultant:
Filing Owner:
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF:

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

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Sep 2019

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Jan 31, 2020

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Chemical Register:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 - Nov 2019

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Nov 2019

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-Feb 29, 2020

Drill Hole Database:

Provincial DRL

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

Government Publication Date: 1886 - Sep 2019

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011-Feb 29, 2020

Environmental Registry:

Provincial [EBR](#)

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

Government Publication Date: 1994-Feb 29, 2020

Environmental Compliance Approval:

Provincial [ECA](#)

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

Government Publication Date: Oct 2011-Feb 29, 2020

Environmental Effects Monitoring:

Federal [EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

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

Government Publication Date: 1999-Jan 31, 2020

Environmental Issues Inventory System:

Federal [EIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial [EMHE](#)

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial [EPAR](#)

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

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

List of Expired Fuels Safety Facilities:

Provincial EXP

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

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

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal FCS

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

Government Publication Date: Jun 2000-Nov 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal FED TANKS

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

Government Publication Date: May 31, 2018

Fisheries & Oceans Fuel Tanks:

Federal FOFT

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

Government Publication Date: 1964-Sep 2018

Fuel Storage Tank:

Provincial FST

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

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial GEN

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

Government Publication Date: 1986-Jan 31, 2020

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Jan 2020

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Dec 31, 2019

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

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

Government Publication Date: 1988-Feb 29, 2020

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

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

Government Publication Date: 1800-Jun 2019

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

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

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

Orders:

Provincial

[ORD](#)

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

Government Publication Date: 1994-Feb 29, 2020

Canadian Pulp and Paper:

Private

[PAP](#)

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

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

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

[PES](#)

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

Government Publication Date: 1988-Feb 2020

Pipeline Incidents:

Provincial

[PINC](#)

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

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial

[PRT](#)

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

[PTTW](#)

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

Government Publication Date: 1994-Feb 29, 2020

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial RSC

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

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

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

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-Jan 31, 2020

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Aug 2019

Wastewater Discharger Registration Database:

Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal TCFT

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

Government Publication Date: 1970-Aug 2018

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Feb 29, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Feb 28, 2019

Definitions

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

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

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

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

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

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

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

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

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

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

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

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