



April 30, 2024
File: PE6465-LET.01

Minto Communities Inc.
200-180 Kent Street
Ottawa, Ontario
K1P 0B6

Attention: **Mr. Curtiss Scarlett**

Subject: **Phase I - Environmental Site Assessment Update
Quinn's Pointe S1 Lands -
Part of 3960 Greenbank Road and
3882 Barnsdale Road
Ottawa, Ontario**

Consulting Engineers

9 Auriga Drive
Ottawa, Ontario
K2E 7T9
Tel: (613) 226-7381

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

patersongroup.ca

Dear Sir,

Further to your request, Paterson Group (Paterson) conducted a Phase I - Environmental Site Assessment (Phase I ESA) Update for the aforementioned property. This report is an update of the previous Phase I ESA for the property addressed Part of 3960 Greenbank Road, completed by Paterson Group and dated November 25, 2022 and the Phase I ESA for the property addressed 3882 Barnsdale Road, completed by Paterson Group, dated November 25, 2022, and 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 located on the north side of Barnsdale Road and is bounded by Barnsdale Road and Borrisokane to the south and west, respectively, in the City of Ottawa, Ontario.

The Phase I Property is an irregular shaped lot with an approximate footprint of 71.9 ha. The Phase I Property is situated in a municipally serviced area occupied by residential and commercial properties. The Phase I Property is currently vacant and undeveloped with no buildings or permanent structures on-site.



Records Review

Phase I ESA Study Area Determination

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

First Developed Use Determination

For the purposes of this report, and based on aerial photographs and the documentation reviewed, the Phase I Property has never been formally developed.

Previous Engineering Reports

The following reports were reviewed prior to conducting this assessment:

- ❑ 'Phase I Environmental Site Assessment, Part of 3960 Greenbank Road (Barrhaven South), Ottawa, Ontario', prepared by Paterson Group, dated November 25, 2022.

According to historical research conducted as part of the 2022 Phase I ESA, the subject property, at least in part, was used for agricultural purposes since prior to 1956, but has never been formally developed. Temporary construction roads were identified in the 2021 aerial photograph intersecting the north and central portions of the subject property. No environmental concerns were identified with respect to the historical use of the subject property.

Historically, properties within the Phase I Study Area were identified as agricultural, aggregate extraction and residential purposes. No PCAs were identified with respect to the historical use of the neighbouring properties.

Following the historical research, an inspection of the Phase I Property and surrounding lands was conducted. No environmental concerns were identified on the Phase I Property or the surrounding lands at the time of the site visit.

- ❑ 'Phase I Environmental Site Assessment, Part of 3882 Barnsdale Road (Barrhaven South), Ottawa, Ontario', prepared by Paterson Group, dated November 25, 2022.

According to historical research conducted as part of the 2022 Phase I ESA, the subject property has never been formally developed and has solely existed as agricultural fields and vacant land. No environmental concerns were identified with respect to the historical use of the subject property.



One historical PCA was identified within the Phase I Study Area. The property addressed 4250 Trail Road, approximately 155 m west of the subject property, was identified as the former Nepean Landfill. Based on the separation distance and the monitoring and operating report for the Trail Road Landfill, the former landfill is not considered to represent an environmental concern on the subject property.

Following the historical research, an inspection of the Phase I Property and surrounding lands was conducted. No environmental concerns were identified on the Phase I Property at the time of the site visit.

Trail Road landfill was identified approximately 150 m west of the subject property at the time of the site inspection. The most recent available Trail Road Monitoring and Operating Report was from 2021 and was reviewed as part of this assessment. The operating and monitoring report provides information for the Trail Road Landfill and the surrounding lands. According to the 2021 operating and monitoring report, groundwater flow in the area of the Trail Road Landfill is to the north/northwest and groundwater from the four monitoring wells installed as part of the investigation on the east side of Highway 416, adjacent to the west of the Phase I Property was non-detect for all VOC parameters. Based on the separation distances, cross-gradient orientations with respect to the Phase I Property and the reviewed 2021 monitoring and operating report, the existing Trail Road Landfill and former Nepean Landfill are not considered to represent an environmental concern to the Phase I Property.

Historical Review and Records Update

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

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the Phase I Property. At the time of issuance of this report, a response from the MECP had not been received. A copy of the response will be forwarded to the client, should it contain any pertinent information.

As part of the 2022 Phase I ESA conducted for the 3882 Barnsdale Road portion of the Phase I Property, an MECP FOI search was conducted. The response from the MECP for the initial FOI search contained no MECP instrument records.



MECP Submissions

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the Phase I Property. At the time of issuance of this report, a response from the MECP had not been received. A copy of the response will be forwarded to the client, should it contain any pertinent information.

As part of the 2022 Phase I ESA conducted for the 3882 Barnsdale Road portion of the Phase I Property, an MECP FOI search was conducted. The response from the MECP for the initial FOI search contained no MECP submissions.

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. At the time of issuance of this report, a response from the MECP had not been received. A copy of the response will be forwarded to the client, should it contain any pertinent information.

As part of the 2022 Phase I ESA conducted for the 3882 Barnsdale Road portion of the Phase I Property, an MECP FOI search was conducted. The response from the MECP for the initial FOI search contained no MECP incident report records.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records. At the time of issuance of this report, a response from the MECP had not been received. A copy of the response will be forwarded to the client, should it contain any pertinent information.

As part of the 2022 Phase I ESA conducted for the 3882 Barnsdale Road portion of the Phase I Property, an MECP FOI search was conducted. The response from the MECP for the initial FOI search contained no MECP waste management records.

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 other properties within a 250 m radius of the Phase I Property since the 2022 Phase I ESAs.



Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto, was contacted electronically on March 1, 2024, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. A response from the TSSA indicated that no records were listed in the TSSA registry for the Phase I Property or neighbouring properties. A copy of the TSSA response has been appended to this report.

City of Ottawa Historical Land Use Inventory (HLUI)

As part of this assessment, a requisition form was submitted to the City of Ottawa to request information from the City's Historical Land Use Inventory (HLUI) database for any environmental records pertaining to the Phase I Property as well as any properties situated within the Phase I Study Area.

A response from the City of Ottawa had not been received by our firm prior to the issuance of this report, however, a copy of the response will be forwarded to the client should it contain any pertinent information.

A copy of the submission request has been appended to this report.

Environmental Risk Information Service (ERIS) Report

An ERIS (Environmental Risk Information Service) Report was obtained for Phase I Property and surrounding lands as part of this Phase I ESA. It should be noted that the ERIS report includes information that can normally be obtained through the MECP FOI, MECP well records search as well as several other records (i.e., incident reports, waste generators, etc.). The complete ERIS report has been appended to this report.

☐ *On-Site Records:*

A total of nine records were identified for the Phase I Property. Seven of the records pertain to Environmental Compliance Approval (ECA) records for the Phase I Property. The records are limited to municipal and private sewage works and are not considered to pose an environmental risk to the Phase I Property. The two remaining records for the Phase I Property were Permit to take Water requests which are not considered to pose an environmental concern to the Phase I Property.

☐ *Off-Site Records:*

A total of 41 records (18 of which are a historical ERIS search) from various databases were identified for surrounding properties within the Phase I Study Area.



The ERIS report identified one Ontario Regulation 347 Waste Generators Summary record for the property addressed 3809 Borrisokane Road, adjacent to the north of the Phase I Property. The record is dated 2021 and lists waste crankcase oils and lubricants as the associated waste class. Additionally, the ERIS report identified one Aggregate Inventory record for the 3809 Borrisokane Road property. The record is dated April of 2006 and lists an inactive aggregate pit. The former use of the 3809 Borrisokane Road property as an aggregate pit is not considered to represent an environmental concern to the Phase I Property.

Two environmental compliance approval (ECA) and environmental activity and sector registry (EASR) records were identified for properties within the Phase I study area. The records are limited to water and dewatering works and are not considered to pose an environmental concern to the Phase I Property.

The ERIS report identified four borehole records within Phase I study area. The nearest boreholes records are situated adjacent to the south of the Phase I Property. Based on information contained in the borehole records, bedrock was encountered between approximately 15.8 and 21.0 m below ground surface (and no information regarding overburden soil was listed).

The ERIS report identified 13 Water Well Information System records within Phase I Study area, which are further discussed in the MECP Water Well Records section of this report.

MECP Water Well Records

An updated search of the MECPs website for all drilled well records within 250 m of the Phase I Property was conducted on March 15, 2024. No well records were identified for the Phase I Property.

Twelve new well records were identified within Phase I Study since the initial 2022 Phase I ESAs. Limited data was included in the identified MECP well records, however based on location and installation date, it is our opinion that the identified well records pertain to monitoring wells.

Paterson has installed several monitoring wells on the Phase I Property in conjunction with past and on-going hydrogeological and geotechnical assessments. Based on the data collected during these assessments, the monitoring wells were installed at a maximum depth of 16.76 m below ground surface and the groundwater table was intercepted at an average depth of 6.1 m below ground surface. It should be noted that groundwater levels are expected to fluctuate throughout the year with season variations. Bedrock was not encountered during the subsurface investigations.



Aerial Photographs

The latest aerial photograph reviewed as part of the 2022 Phase I ESAs was from 2021. A review of the 2022 aerial photograph shows the southeast portion of the Phase I Property has been stripped of topsoil and appears to consist of a construction staging area associated with the development of the properties adjacent to the east of the Phase I Property. An apparent native sand stockpile appears to be present on the northeast portion of the Phase I Property, assumed to have been generated from the construction of access roads and the residential development adjacent to the east of the Phase I Property. Further residential developed has occurred to the north and east of the Phase I Property. A copy of the 2022 aerial photograph has been appended to this report.

Property Owner Representative Interview

Mr. Curtiss Scarlett with Minto Communities Inc., was interviewed as part of this Phase I ESA Update. Mr. Scarlett stated that the Phase I Property has historically been used as agricultural land but currently consists of vacant land and a construction staging area for the on-going residential development on the surrounding lands to the north and east. Mr. Scarlett indicated that the two coloured diesel aboveground storage tanks (ASTs) on the east-central portion of the Phase I Property were placed on site within the last year and are used to fuel various construction vehicles and equipment associated with the on-going residential development on the surrounding lands to the north and east. Mr. Scarlett was not aware of any potential environmental concerns regarding the Phase I Property.

Site Reconnaissance

A site visit was conducted on April 12, 2024. Mr. Jeremy Camposarcone 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.

Buildings and Structures

No permanent buildings or structures were observed on the Phase I Property however, a construction trailer and sales centre were observed on the southeast and east-central portions of the Phase I Property, respectively. Additionally, several seacans and storage sheds were identified on the southeast, east-central and west-central portions of the Phase I Property.



Site Features

The Phase I Property currently consists of treed land, lightly vegetated land and vacant land with the southeastern and east-central portions being used for construction staging and storage of service infrastructure. The southwestern portion of the Phase I Property is occupied by a stormwater management pond.

Site drainage occurs through infiltration on the Phase I Property. The Phase I Property and regional topography slope downward to the south.

Two active coloured diesel ASTs were identified on the east-central portion of the Phase I Property. The tanks were both double-walled, vacuum sealed and had a capacity of 2270 L. Paterson was informed that the tanks are used for fueling of various construction vehicles and equipment associated with the on-going residential development to the north and east of the Phase I Property. The tanks were noted to be in good condition at the time of the site inspection, with no signs of spills or staining observed in their vicinity. The presence of these tanks is not considered to represent an environmental concern to the Phase I Property.

No evidence of ozone-depleting substances (ODSs), underground storage tanks (USTs) or chemical storage was observed on the Phase I Property at the time of the site inspection. No potential sources of PCBs or transformer oil were observed on the exterior of the Phase I Property at the time of the site inspection.

No underground structures, drains, pits or sumps were observed on the exterior of the Phase I Property at the time of the site visit.

Several monitoring wells were observed across the Phase I Property during the site visit. The monitoring wells were confirmed to have been recently installed as part of hydrogeological and geotechnical investigations on the Phase I Property. No potable wells or private sewage systems were observed on site, nor are any expected to be present, as the site has never been formally developed.

Stockpiles of native soil, native sand and gravel were observed in the western, eastern and central portions of the Phase I Property. The stockpiled material is not considered to represent an environmental concern on the Phase I Property.

No evidence of current or former railway or spur lines was observed on the subject land at the time of the site visit. There were no unidentified substances observed on the exterior of the Phase I Property.

The above-noted site features are shown on Drawing PE6465-1 - Site Plan.



Neighbouring Properties

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

- ☐ North – Residential dwellings and vacant land, followed by Appalachian Circle and residential dwellings;
- ☐ South – Barnsdale Road, followed by agricultural land;
- ☐ East – Residential dwellings and vacant land, followed by Inver Lane and residential dwellings;
- ☐ West – Borrisokane Road, followed by Highway No. 416, Trail Road Landfill, aggregate pits and vacant land.

Trail Road landfill was identified approximately 150 m west of the Phase I Property. Based on its separation distance, and the reviewed monitoring and operating report, the Trail Road Landfill is not considered to represent an environmental concern on the Phase I Property.

Current land use and PCAs identified within the Phase I Study Area are presented on Drawing PE6465-2 – Surrounding Land Use Plan, appended to this report.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I-ESA Update is considered to be sufficient to conclude that there are no APECs on the Phase I Property. A variety of independent sources were consulted as part of this assessment, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

Conclusions

The results of the records review, research, and site inspection indicated that there are no new potential environmental concerns regarding the subject site since the 2022 Phase I ESA. Based on the results of this Phase I ESA Update, **in our opinion, a Phase II Environmental Site Assessment is not required for the Phase I Property.**



Statement of Limitations

This Phase I - Environmental Site Assessment Update report has been prepared in general accordance with O.Reg. 153/04, as amended. 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 subject site and/or historical information that differ from our findings, we request that we be notified immediately in order to allow for a reassessment.

This report was prepared for the sole use of Minto Communities Inc. Permission and notification from Minto Communities 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.

Jeremy Camposarcone, B. Eng.

Mark S. D'Arcy, P.Eng., Q.P.^{ESA}

Report Distribution:

- ☐ Minto Communities Inc. - Mr. Curtiss Scarlett
- ☐ Paterson Group
- ☐



Attachments:

- ☐ Figure 1 - Key Plan
- ☐ Aerial Photograph (2022)
- ☐ Drawing PE6465-1 - Site Plan
- ☐ Drawing PE6465-2 – Surrounding Land Use Plan
- ☐ FOI Request
- ☐ TSSA Correspondence
- ☐ HLUI Request
- ☐ ERIS Report



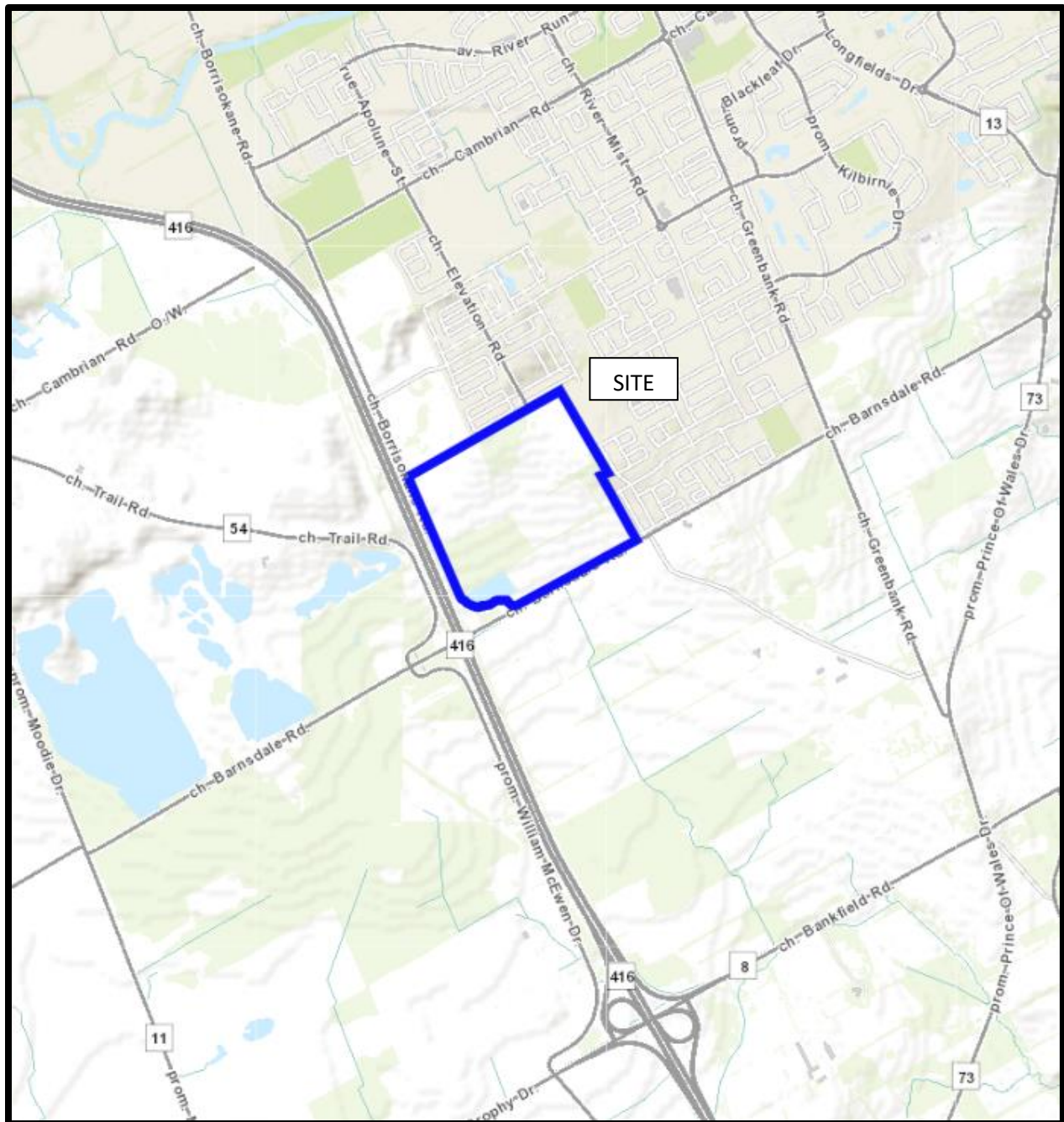
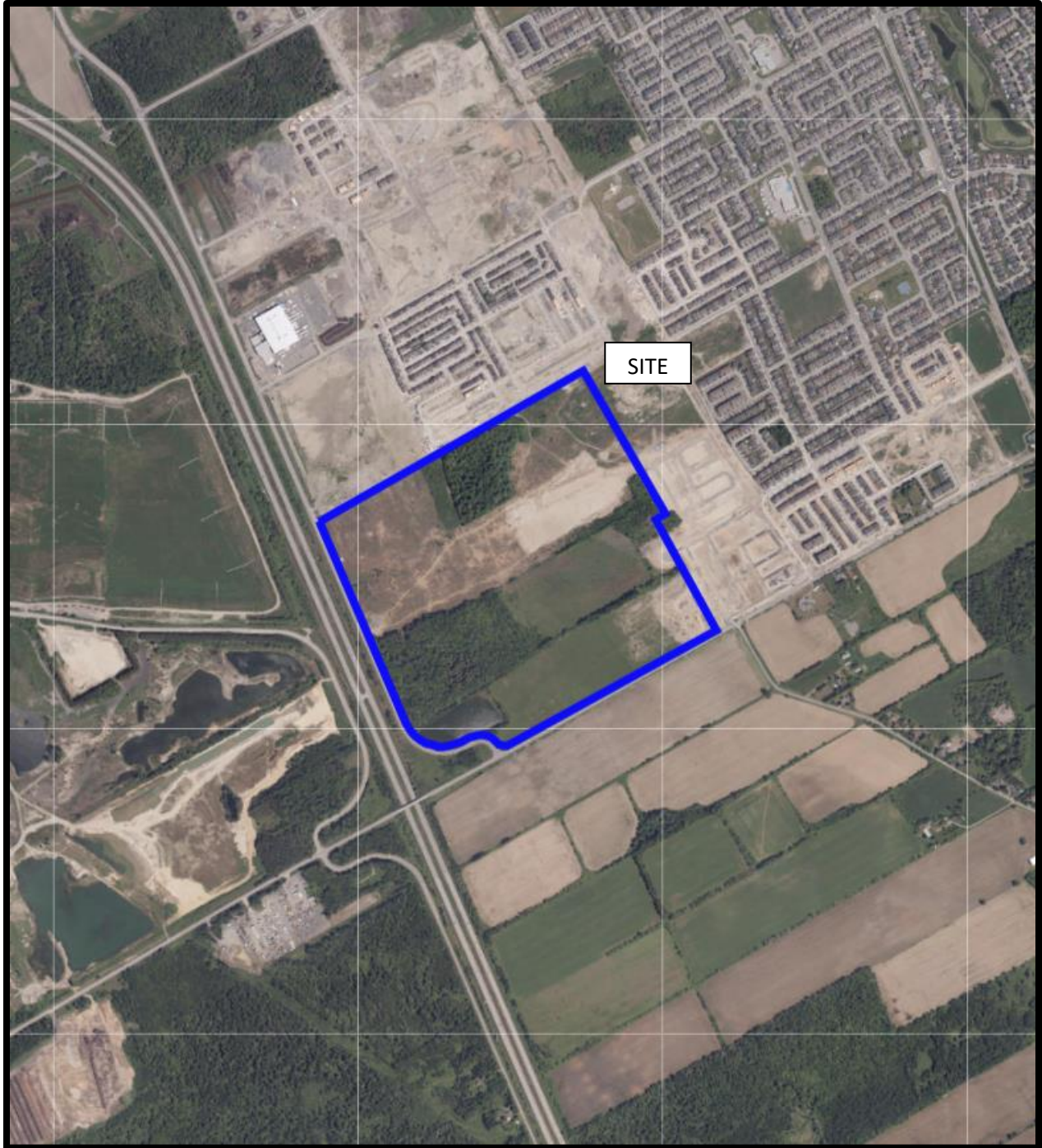
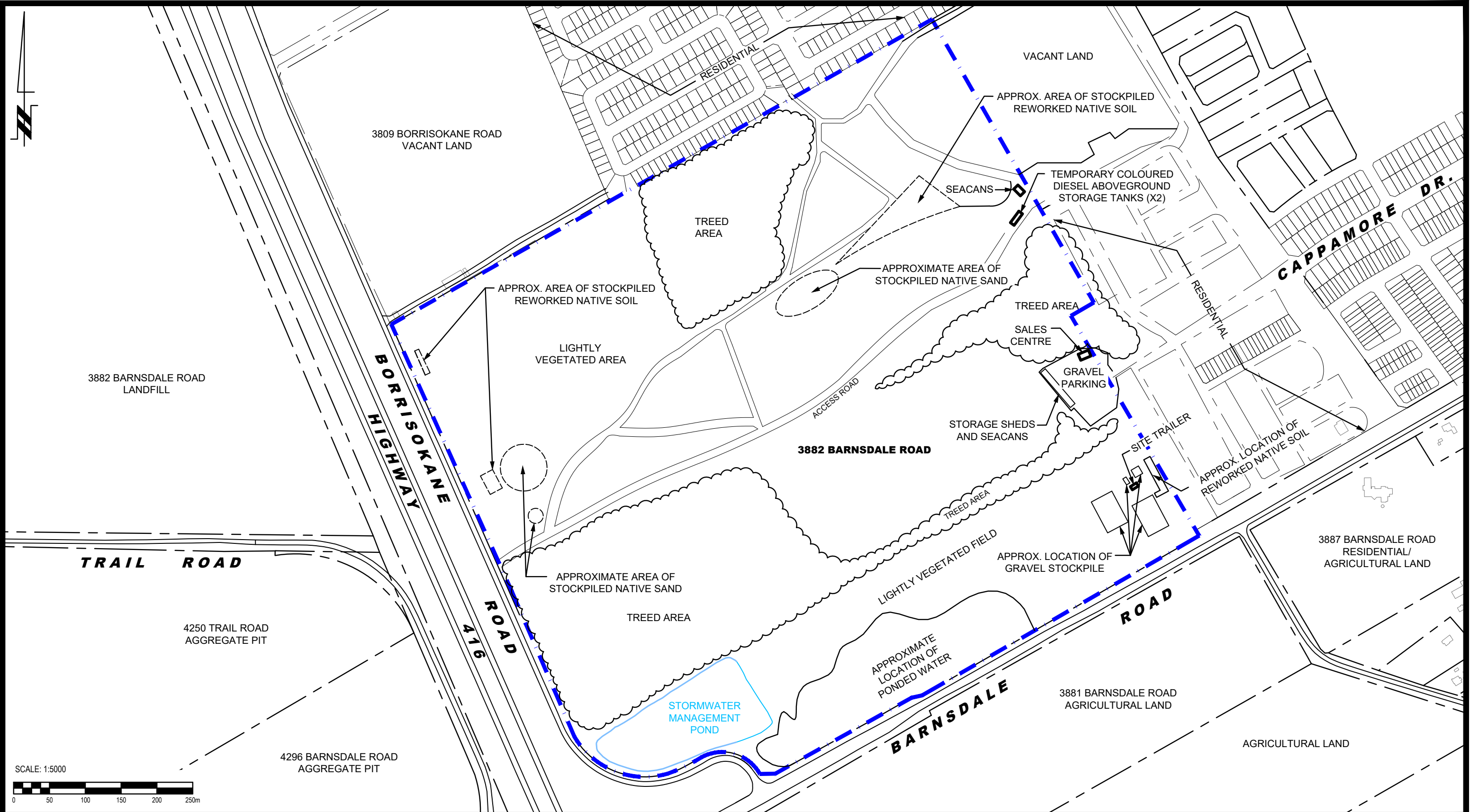


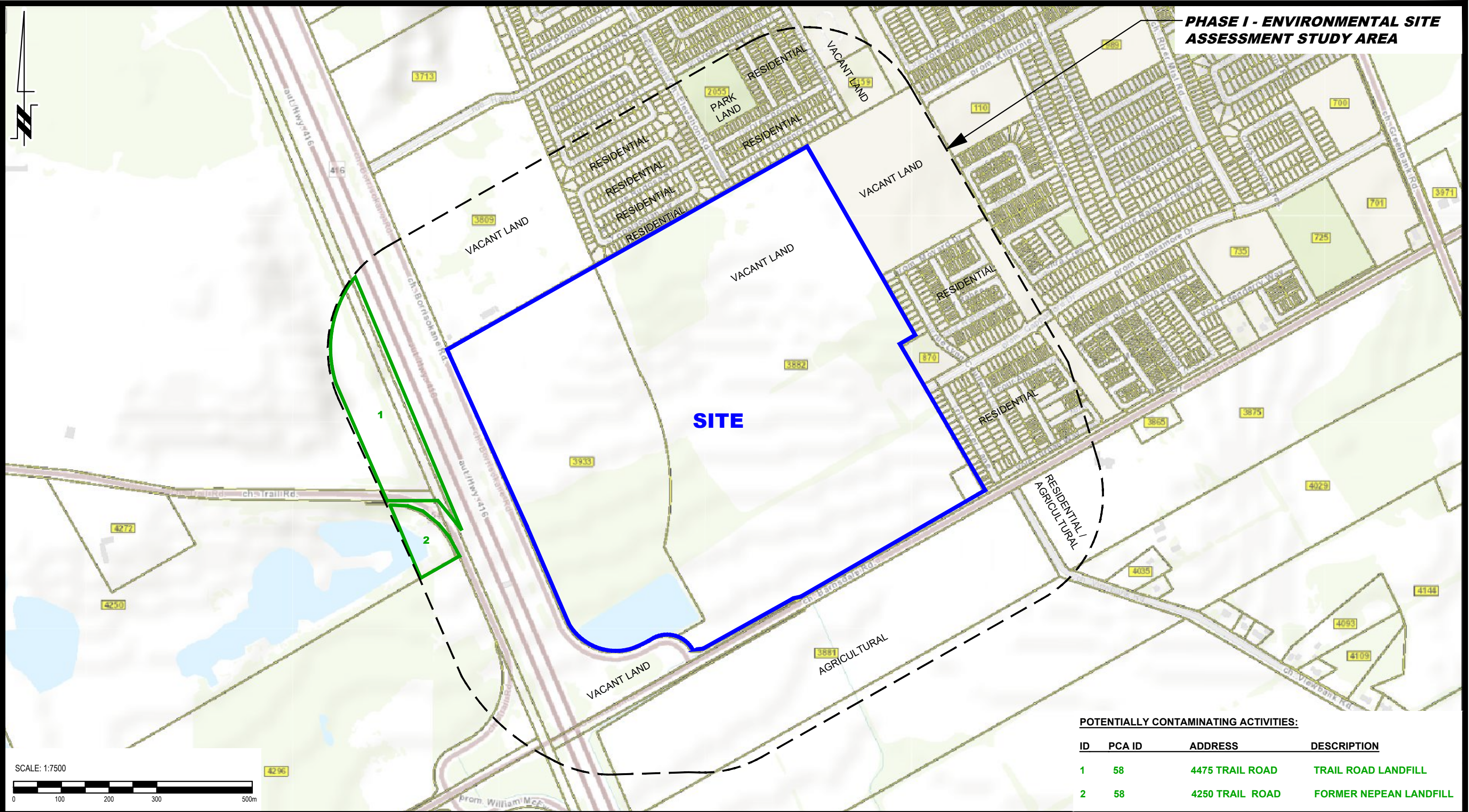
FIGURE 1
KEY PLAN



AERIAL PHOTOGRAPH
2022



 9 AURIGA DRIVE OTTAWA, ON K2E 7T9 TEL: (613) 226-7381					MINTO COMMUNITIES INC. PHASE I - ENVIRONMENTAL SITE ASSESSMENT QUINN'S POINTE S1 LANDS PART OF 3960 GREENBANK ROAD & 3882 BARNSDALE ROAD OTTAWA, ONTARIO	Scale: 1:5000	Date: 04/2024
						Drawn by: AH	Report No.: PE6465-LET.01
						Checked by: JC	Dwg. No.: PE6465-1
						Approved by: MSD	Revision No.:
	NO.	REVISIONS	DATE	INITIAL	Title: SITE PLAN		

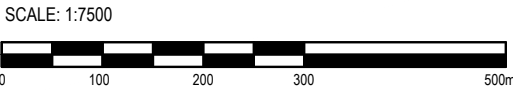


PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA

SITE

POTENTIALLY CONTAMINATING ACTIVITIES:

ID	PCA ID	ADDRESS	DESCRIPTION
1	58	4475 TRAIL ROAD	TRAIL ROAD LANDFILL
2	58	4250 TRAIL ROAD	FORMER NEPEAN LANDFILL





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

NO.	REVISIONS	DATE	INITIAL

MINTO COMMUNITIES
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
QUINN'S POINTE S1 LANDS
PART OF 3960 GREENBANK ROAD & 3882 BARNSDALE ROAD
OTTAWA, ONTARIO

Title: **SURROUNDING LAND USE PLAN**

Scale:	1:7500	Date:	04/2024
Drawn by:	AH	Report No.:	PE6465-LET.01
Checked by:	JC	Dwg. No.:	PE6465-2
Approved by:	MSD	Revision No.:	

Jeremy Camposarcone

From: noreply@ontario.ca
Sent: Thursday, February 29, 2024 3:00 PM
To: Jeremy Camposarcone
Subject: FOI eRequest – Camposarcone - 20240229145639580
Attachments: 012-2146E.pdf

Thank you for submitting your Freedom of Information Request for Property Information under the *Freedom of Information and Protection of Privacy Act* (FIPPA).

Your request form and application fee were submitted on February 29, 2024 at 02:56 PM.

Please make a note that the submission ID for this application is: 20240229145639580. A copy of your request form is attached for your reference. The payment confirmation number can be found on the last page of the attachment.

A representative from Ministry of the Environment, Conservation and Parks may contact you during the request process with additional information.

Alternatively, you may contact the Access and Privacy Office at 416-314-4075 for further information.

Jeremy Camposarcone

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: Friday, March 1, 2024 10:22 AM
To: Jeremy Camposarcone
Subject: RE: PE6465 - Records Search Request

Hello,

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

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

Accessing the applications

1. Click <https://forms.tssa.org/Payments/Service-Prepayment-Portal> - TSSA and click "need a copy of a document"
2. Select the appropriate application, download it, complete it in full and save it (Note: you will have to upload the application)
3. Proceed to page 3 of the application and click the "TSSA Service Prepayment Portal" link under payment options (the link will take you the secure site where you can pay for the request via credit card)

Accessing the Service Prepayment Portal

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

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

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

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

Warm regards,

Kimberly Gage | Public Information Agent
Legal
345 Carlingview Drive



Toronto, Ontario M9W 6N9
Tel: +1 416-734-3348 | Fax: +1 416-734-3568 | E-Mail: kgage@tssa.org
www.tssa.org



Winner of 2022 5-Star Safety Cultures Award

From: Jeremy Camposarcone <JCamposarcone@patersongroup.ca>
Sent: Friday, March 1, 2024 9:42 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: PE6465 - Records Search Request

[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.

Hello,

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

Borrisokane: 3933, 3809;
Barnsdale Road: 3882, 4000, 3864, 3881;
Greenbank Road: 3960;
Cappamore Drive: 880, 870.

Best Regards,



Jeremy Camposarcone, B.Eng.

Junior Environmental Engineer

TEL: (613)-226-7381

CELL: (343)-999-7255

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!

NEW OFFICE OPEN IN THE GREATER TORONTO AREA WITH OUR EXPANSIVE LIST OF SERVICES NOW AVAILABLE!

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.

Office Use Only

Application Number: _____	Ward Number: _____	Application Received: (dd/mm/yyyy): _____
Client Service Centre Staff: _____	Fee Received: \$	



Historic Land Use Inventory

Application Form

Notice of Public Record

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

Municipal Freedom of Information and Protection Act

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

Background Information

***Site Address or Location:**

3960 Greenbank Road and 3882 Barnsdale Road

** Mandatory Field*

Applicant/Agent Information:

Name:	Jeremy Camposarcone		
Mailing Address:	9 Auriga Drive, Ottawa, ON, K2E 7T9		
Telephone:	3439997255	Email Address:	jcamposarcone@patersonsgroup.ca

Registered Property Owner Information:

☐ Same as above

Name:	Minto Communities Inc.		
Mailing Address:	200-180 Kent Street, Ottawa, ON, K1P 0B6		
Telephone:	613-558-6971	Email Address:	cscarlett@minto.com

Site Details

Legal Description
and PIN:

Part of Lot 6, Concession 3, Rideau Front, Township of Nepean, in the City of Ottawa

What is the land
currently used for?

Vacant

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

OR Lot area: (irregular lot) m²

Does the site have Full Municipal Services: ☐ Yes ☒ No

Required Fees

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

Planning Fee

\$181.00

Submittal Requirements

The following are required to be submitted with this application:

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

Disclaimer For use with HLUI Database

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

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

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

Signed: Jeremy Camposarcone

Dated (dd/mm/yyyy): 25/04/2024

Per: Jeremy Camposarcone
(Please print name)

Title: Environmental EIT

Company: Paterson Group



DATABASE REPORT

Project Property:	<i>Phase I ESA 3882 & 4000 Barnsdale Road, 3960 Greenbank Road Ottawa ON K2C 3H2</i>
Project No:	<i>58906/P16214</i>
Report Type:	<i>Quote - Custom-Build Your Own Report</i>
Order No:	<i>23112200276</i>
Requested by:	<i>Paterson Group Inc.</i>
Date Completed:	<i>March 6, 2024</i>

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	7
Executive Summary: Site Report Summary - Surrounding Properties.....	9
Executive Summary: Summary By Data Source.....	13
Map.....	19
Aerial.....	20
Topographic Map.....	21
Detail Report.....	22
Unplottable Summary.....	70
Unplottable Report.....	72
Appendix: Database Descriptions.....	120
Definitions.....	130

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.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Limited Partnership ("ERIS") using various sources of information, including information provided by Federal and Provincial government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Trademark and Copyright: You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report (s) are protected by copyright owned by ERIS Information Limited Partnership. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.

Executive Summary

Property Information:

Project Property: *Phase I ESA
3882 & 4000 Barnsdale Road, 3960 Greenbank Road Ottawa ON K2C 3H2*

Project No: *58906/P16214*

Order Information:

Order No: *23112200276*
Date Requested: *November 22, 2023*
Requested by: *Paterson Group Inc.*
Report Type: *Quote - Custom-Build Your Own Report*

Historical/Products:

ERIS Xplorer [*ERIS Xplorer*](#)

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	1	1
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	4	4
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	7	1	8
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	18	18
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	1	1
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	2	2	4
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	13	13

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
		Total:	9	41	50

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>
<u>1</u>	PTTW	Minto Communities Inc	3872 Greenbank Rd Ottawa CITY OF OTTAWA ON	ENE/0.0	4.03	<u>22</u>
<u>1</u>	ECA	Minto Communities Inc.	3872 Greenbank Rd Ottawa ON K1P 0B6	ENE/0.0	4.03	<u>22</u>
<u>1</u>	ECA	Minto Communities Inc.	3872 Greenbank Rd Ottawa ON K1P 0B6	ENE/0.0	4.03	<u>22</u>
<u>1</u>	ECA	Minto Communities Inc.	3872 Greenbank Rd Ottawa ON K1P 0B6	ENE/0.0	4.03	<u>23</u>
<u>2</u>	PTTW	Minto Communities Inc.	3960 Greenbank Road Ottawa, ON K2C 3H2 Canada ON	ENE/0.0	2.98	<u>23</u>
<u>2</u>	ECA	Minto Communities Inc.	3960 Greenbank Rd Ottawa ON K1P 0B6	ENE/0.0	2.98	<u>23</u>
<u>2</u>	ECA	Minto Communities Inc.	3960 Greenbank Rd Ottawa ON K1P 0B6	ENE/0.0	2.98	<u>24</u>
<u>2</u>	ECA	Minto Communities Inc.	3960 Greenbank Rd Ottawa ON K1P 0B6	ENE/0.0	2.98	<u>24</u>

<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>
2	ECA	Minto Communities Inc.	3960 Greenbank Rd Ottawa ON K1P 0B6	ENE/0.0	2.98	24

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>3</u>	PTTW	Caivan Brazeau Development Corporation	3809 Borrisokane Road Ottawa, ON K2J 0T2 Canada ON	W/5.9	-0.05	<u>25</u>
<u>3</u>	GEN	Marcel Brazeau Ltd	3809 Borrisokane Rd Nepean ON K2J 0T2	W/5.9	-0.05	<u>25</u>
<u>4</u>	BORE		ON	ESE/6.5	-4.07	<u>26</u>
<u>5</u>	BORE		ON	SSE/8.1	-5.02	<u>27</u>
<u>6</u>	WWIS		lot 6 con 3 ON Well ID: 7292232	ENE/13.1	4.73	<u>28</u>
<u>7</u>	WWIS		ON Well ID: 7359702	W/43.9	0.65	<u>29</u>
<u>8</u>	WWIS		lot 8 con 3 ON Well ID: 7411213	N/46.5	-2.29	<u>30</u>
<u>9</u>	WWIS		lot 6 con 3 ON Well ID: 1527392	E/54.3	-0.02	<u>31</u>
<u>10</u>	WWIS		lot 8 con 3 ON Well ID: 7411212	NNE/54.3	-4.41	<u>35</u>
<u>11</u>	WWIS		lot 5 con 3 ON Well ID: 1528854	SSW/105.6	-5.05	<u>36</u>
<u>12</u>	WWIS		lot 8 con 3 ON Well ID: 7411211	NW/121.2	5.85	<u>39</u>
<u>13</u>	BORE		ON	SSW/129.1	-5.02	<u>40</u>

<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>
<u>14</u>	WWIS		0 Veteran Memorial Highway lot 7 con 4 Ottawa ON Well ID: 7362958	W/137.8	2.74	<u>41</u>
<u>15</u>	WWIS		0 Veteran Memorial Highway lot 7 con 4 Ottawa ON Well ID: 7362960	W/146.3	1.47	<u>45</u>
<u>16</u>	EHS		PE5246 - Kilbirnie Drive at Robin Easey (Vacant land) Ottawa ON K2C 3H2	NE/158.5	-0.09	<u>49</u>
<u>16</u>	EHS		PE5246 - Kilbirnie Drive at Robin Easey (Vacant land) Ottawa ON K2C 3H2	NE/158.5	-0.09	<u>49</u>
<u>16</u>	EHS		PE5246 - Kilbirnie Drive at Robin Easey (Vacant land) Ottawa ON K2C 3H2	NE/158.5	-0.09	<u>49</u>
<u>16</u>	EHS		PE5246 - Kilbirnie Drive at Robin Easey (Vacant land) Ottawa ON K2C 3H2	NE/158.5	-0.09	<u>49</u>
<u>17</u>	EHS		Hwy 416/ Barnsdale Rd Ottawa ON	SSW/178.0	-5.04	<u>50</u>
<u>17</u>	EHS		Hwy 416/ Barnsdale Rd Ottawa ON	SSW/178.0	-5.04	<u>50</u>
<u>17</u>	EHS		Hwy 416/ Barnsdale Rd Ottawa ON	SSW/178.0	-5.04	<u>50</u>
<u>17</u>	EHS		Hwy 416/ Barnsdale Rd Ottawa ON	SSW/178.0	-5.04	<u>50</u>
<u>18</u>	EHS		Greenbank Rd Barnsdale Rd Ottawa ON	ESE/188.9	-3.02	<u>50</u>
<u>19</u>	EHS		3809 Borrisokane Rd Nepean ON K2J 0T2	NW/190.5	4.56	<u>51</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
19	EHS		3809 Borrisokane Rd Nepean ON K2J 0T2	NW/190.5	4.56	51
19	EHS		3809 Borrisokane Rd Nepean ON K2J 0T2	NW/190.5	4.56	51
19	EHS		3809 Borrisokane Rd Nepean ON K2J 0T2	NW/190.5	4.56	51
20	EHS		PE5176 - Western part of 3718 Greenbank Rd, Ottawa ON ottawa ON K2C 3H2	NNE/204.0	0.01	52
20	EHS		PE5176 - Western part of 3718 Greenbank Rd, Ottawa ON ottawa ON K2C 3H2	NNE/204.0	0.01	52
20	EHS		PE5176 - Western part of 3718 Greenbank Rd, Ottawa ON ottawa ON K2C 3H2	NNE/204.0	0.01	52
20	EHS		PE5176 - Western part of 3718 Greenbank Rd, Ottawa ON ottawa ON K2C 3H2	NNE/204.0	0.01	52
21	AGR	Marcel Brazeau Limited	ON	NNW/206.0	5.90	52
22	EHS		3809 Borrisokane Road Nepean ON K2J 0T2	NW/207.3	5.90	53
23	WWIS		lot 8 con 3 ON Well ID: 1528163	NNE/213.8	-1.08	53
24	PTTW	Caivan Greenbank Development Corporation	Ottawa, ON K0A 2E0 Canada ON	N/218.5	1.98	57
25	WWIS		lot 7 con 3 ON Well ID: 1506039	NE/219.3	-1.46	57
26	BORE		ON	NE/219.3	-1.46	60

<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>
<u>27</u>	EASR	CAIVAN GREENBANK DEVELOPMENT CORPORATION	ON	N/220.0	1.98	<u>62</u>
<u>28</u>	WWIS		lot 5 con 3 ON <i>Well ID:</i> 1529611	ESE/220.4	-3.02	<u>62</u>
<u>29</u>	WWIS		lot 7 con 3 ON <i>Well ID:</i> 7341453	ENE/221.4	-0.02	<u>66</u>
<u>30</u>	ECA	City of Ottawa	Part of Lots 5 and 6, Concession 3 Ottawa ON K1P 1J1	ESE/226.4	-3.02	<u>69</u>

Executive Summary: Summary By Data Source

AGR - Aggregate Inventory

A search of the AGR database, dated Up to Nov 2023 has found that there are 1 AGR 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>
Marcel Brazeau Limited	ON	206.0	<u>21</u>

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 4 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	6.5	<u>4</u>
	ON	8.1	<u>5</u>
	ON	129.1	<u>13</u>
	ON	219.3	<u>26</u>

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Dec 31, 2023 has found that there are 1 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>
CAIVAN GREENBANK DEVELOPMENT CORPORATION	ON	220.0	<u>27</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
-------------	----------------	---------------------	----------------

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Dec 31, 2023 has found that there are 8 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>
Minto Communities Inc.	3872 Greenbank Rd Ottawa ON K1P 0B6	0.0	<u>1</u>
Minto Communities Inc.	3872 Greenbank Rd Ottawa ON K1P 0B6	0.0	<u>1</u>
Minto Communities Inc.	3872 Greenbank Rd Ottawa ON K1P 0B6	0.0	<u>1</u>
Minto Communities Inc.	3960 Greenbank Rd Ottawa ON K1P 0B6	0.0	<u>2</u>
Minto Communities Inc.	3960 Greenbank Rd Ottawa ON K1P 0B6	0.0	<u>2</u>
Minto Communities Inc.	3960 Greenbank Rd Ottawa ON K1P 0B6	0.0	<u>2</u>
Minto Communities Inc.	3960 Greenbank Rd Ottawa ON K1P 0B6	0.0	<u>2</u>
City of Ottawa	Part of Lots 5 and 6, Concession 3 Ottawa ON K1P 1J1	226.4	<u>30</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Dec 31, 2023 has found that there are 18 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>
	PE5246 - Kilbirnie Drive at Robin Easey (Vacant land) Ottawa ON K2C 3H2	158.5	<u>16</u>
	PE5246 - Kilbirnie Drive at Robin Easey (Vacant land) Ottawa ON K2C 3H2	158.5	<u>16</u>
	PE5246 - Kilbirnie Drive at Robin Easey (Vacant land) Ottawa ON K2C 3H2	158.5	<u>16</u>
	PE5246 - Kilbirnie Drive at Robin Easey (Vacant land) Ottawa ON K2C 3H2	158.5	<u>16</u>
	Hwy 416/ Barnsdale Rd Ottawa ON	178.0	<u>17</u>
	Hwy 416/ Barnsdale Rd Ottawa ON	178.0	<u>17</u>
	Hwy 416/ Barnsdale Rd Ottawa ON	178.0	<u>17</u>
	Hwy 416/ Barnsdale Rd Ottawa ON	178.0	<u>17</u>
	Greenbank Rd Barnsdale Rd Ottawa ON	188.9	<u>18</u>
	3809 Borrisokane Rd Nepean ON K2J 0T2	190.5	<u>19</u>
	3809 Borrisokane Rd Nepean ON K2J 0T2	190.5	<u>19</u>
	3809 Borrisokane Rd Nepean ON K2J 0T2	190.5	<u>19</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	3809 Borrisokane Rd Nepean ON K2J 0T2	190.5	<u>19</u>
	PE5176 - Western part of 3718 Greenbank Rd, Ottawa ON ottawa ON K2C 3H2	204.0	<u>20</u>
	PE5176 - Western part of 3718 Greenbank Rd, Ottawa ON ottawa ON K2C 3H2	204.0	<u>20</u>
	PE5176 - Western part of 3718 Greenbank Rd, Ottawa ON ottawa ON K2C 3H2	204.0	<u>20</u>
	PE5176 - Western part of 3718 Greenbank Rd, Ottawa ON ottawa ON K2C 3H2	204.0	<u>20</u>
	3809 Borrisokane Road Nepean ON K2J 0T2	207.3	<u>22</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 1 GEN 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>
Marcel Brazeau Ltd	3809 Borrisokane Rd Nepean ON K2J 0T2	5.9	<u>3</u>

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994 - Jan 31, 2024 has found that there are 4 PTTW 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>
Minto Communities Inc	3872 Greenbank Rd Ottawa CITY OF OTTAWA ON	0.0	<u>1</u>

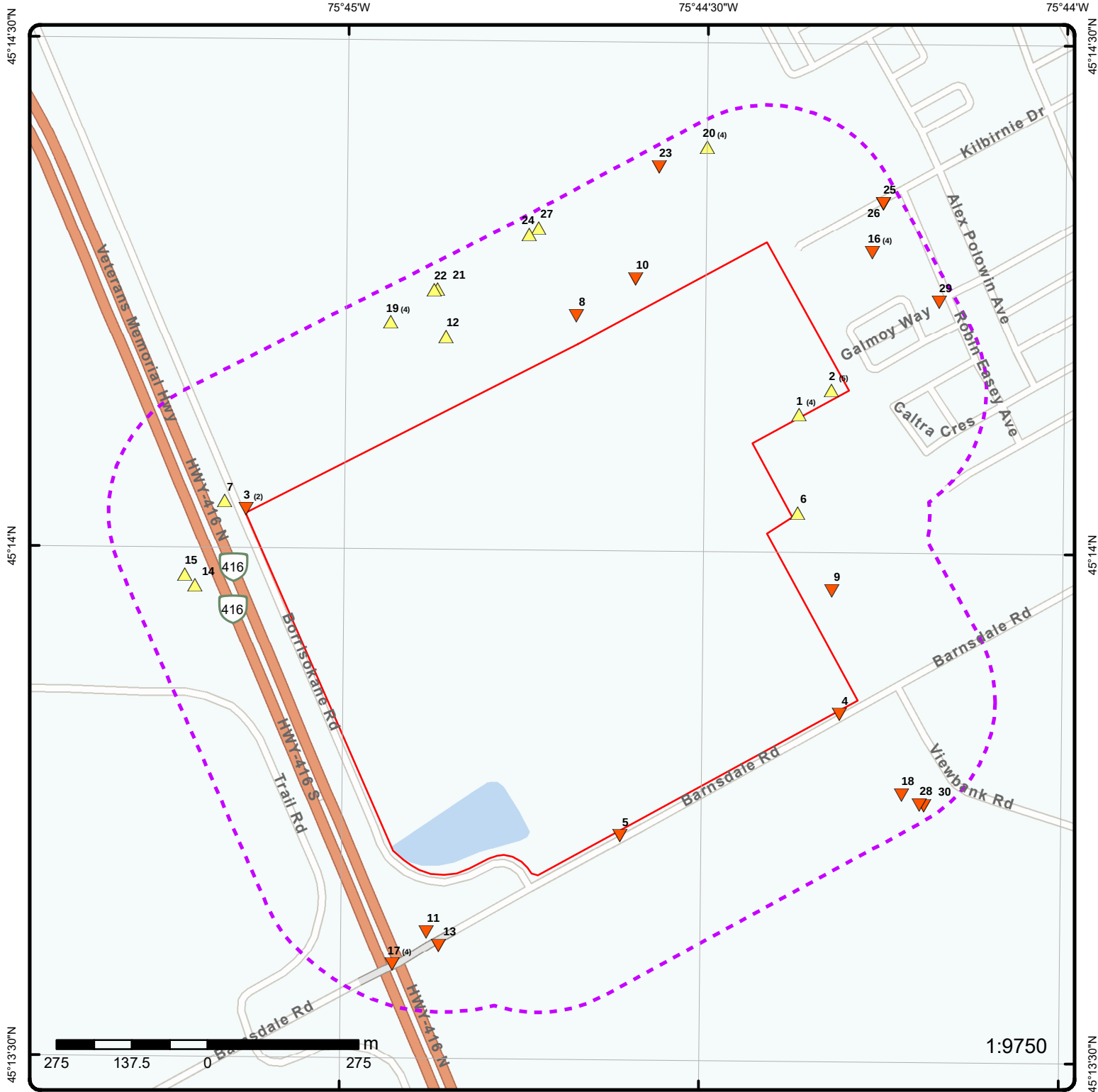
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Minto Communities Inc.	3960 Greenbank Road Ottawa, ON K2C 3H2 Canada ON	0.0	<u>2</u>
Caivan Brazeau Development Corporation	3809 Borrisokane Road Ottawa, ON K2J 0T2 Canada ON	5.9	<u>3</u>
Caivan Greenbank Development Corporation	Ottawa, ON K0A 2E0 Canada ON	218.5	<u>24</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31 2023 has found that there are 13 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 6 con 3 ON <i>Well ID: 7292232</i>	13.1	<u>6</u>
	ON <i>Well ID: 7359702</i>	43.9	<u>7</u>
	lot 8 con 3 ON <i>Well ID: 7411213</i>	46.5	<u>8</u>
	lot 6 con 3 ON <i>Well ID: 1527392</i>	54.3	<u>9</u>
	lot 8 con 3 ON <i>Well ID: 7411212</i>	54.3	<u>10</u>
	lot 5 con 3 ON <i>Well ID: 1528854</i>	105.6	<u>11</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 8 con 3 ON <i>Well ID:</i> 7411211	121.2	<u>12</u>
	0 Veteran Memorial Highway lot 7 con 4 Ottawa ON <i>Well ID:</i> 7362958	137.8	<u>14</u>
	0 Veteran Memorial Highway lot 7 con 4 Ottawa ON <i>Well ID:</i> 7362960	146.3	<u>15</u>
	lot 8 con 3 ON <i>Well ID:</i> 1528163	213.8	<u>23</u>
	lot 7 con 3 ON <i>Well ID:</i> 1506039	219.3	<u>25</u>
	lot 5 con 3 ON <i>Well ID:</i> 1529611	220.4	<u>28</u>
	lot 7 con 3 ON <i>Well ID:</i> 7341453	221.4	<u>29</u>



Map: 0.25 Kilometer Radius

Order Number: 23112200276

Address: 3882 & 4000 Barnsdale Road, 3960 Greenbank Road, Ottawa, ON



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

75°45'W

45°13'30"N

45°13'30"N



Aerial

Year: 2023

Order Number: 23112200276

Address: 3882 & 4000 Barnsdale Road, 3960 Greenbank Road, Ottawa, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership

75°46'30"W

75°45'W

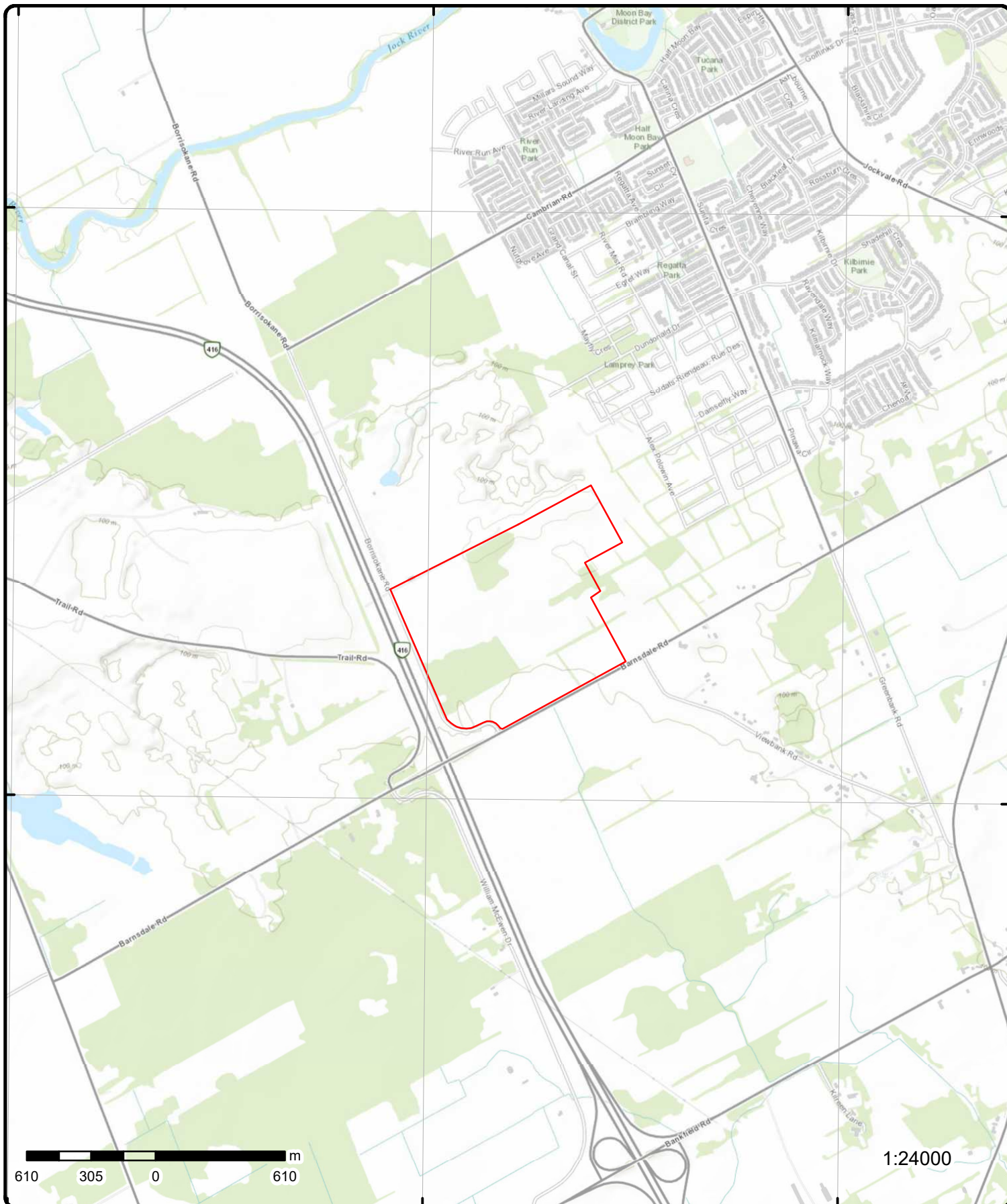
75°43'30"W

45°15'N

45°15'N

45°13'30"N

45°13'30"N



Topographic Map

Order Number: 23112200276

Address: 3882 & 4000 Barnsdale Road, 3960 Greenbank Road, ON

Source: ESRI World Topographic Map

© ERIS Information Limited Partnership



Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 4	ENE/0.0	108.9 / 4.03	Minto Communities Inc 3872 Greenbank Rd Ottawa CITY OF OTTAWA ON	PTTW
EBR Registry No: 012-4322 Ministry Ref No: 1805-9XCKL3 Notice Type: Instrument Decision Notice Stage: Notice Date: October 23, 2015 Proposal Date: June 10, 2015 Year: 2015 Instrument Type: (OWRA s. 34) - Permit to Take Water Off Instrument Name: Posted By: Company Name: Minto Communities Inc Site Address: Location Other: Proponent Name: Proponent Address: 200 180 Kent Street, Ottawa Ontario, Canada K1P 0B6 Comment Period: URL: Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:					
Site Location Details: 3872 Greenbank Rd Ottawa CITY OF OTTAWA					
1	2 of 4	ENE/0.0	108.9 / 4.03	Minto Communities Inc. 3872 Greenbank Rd Ottawa ON K1P 0B6	ECA
Approval No: 6920-A6BQLQ Approval Date: 2016-01-25 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Minto Communities Inc. Address: 3872 Greenbank Rd Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2560-9ZAGQG-14.pdf PDF Site Location: MOE District: Ottawa City: Longitude: -75.729454 Latitude: 45.242237 Geometry X: Geometry Y:					
1	3 of 4	ENE/0.0	108.9 / 4.03	Minto Communities Inc. 3872 Greenbank Rd Ottawa ON K1P 0B6	ECA
Approval No: 6225-9ZHL5T Approval Date: 2015-08-26 Status: Revoked and/or Replaced MOE District: Ottawa City: Longitude: -75.729454					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Minto Communities Inc. Address: 3872 Greenbank Rd Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1483-9Z9R4W-14.pdf PDF Site Location:					
1	4 of 4	ENE/0.0	108.9 / 4.03	Minto Communities Inc. 3872 Greenbank Rd Ottawa ON K1P 0B6	ECA
Approval No: 4202-AKHLP3 Approval Date: 2017-03-17 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Minto Communities Inc. Address: 3872 Greenbank Rd Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0722-AG6HNJ-14.pdf PDF Site Location:					
2	1 of 5	ENE/0.0	107.9 / 2.98	Minto Communities Inc. 3960 Greenbank Road Ottawa, ON K2C 3H2 Canada ON	PTTW
EBR Registry No: 013-4464 Ministry Ref No: 8700-B7VL23 Notice Type: Instrument Notice Stage: Decision Notice Date: Proposal Date: February 26, 2019 Year: 2019 Instrument Type: Permit to take water Off Instrument Name: Permit to Take Water (OWRA s. 34) Posted By: Ministry of the Environment, Conservation and Parks Company Name: Site Address: 3960 Greenbank Road Ottawa, ON K2C 3H2 Canada Location Other: Proponent Name: Minto Communities Inc. Proponent Address: 180 Kent Street Suite 200 Ottawa, ON K1P 0B6 Canada Comment Period: February 26, 2019 - March 28, 2019 (30 days) Closed URL: https://ero.ontario.ca/notice/013-4464 Site Location Details:					
2	2 of 5	ENE/0.0	107.9 / 2.98	Minto Communities Inc. 3960 Greenbank Rd Ottawa ON K1P 0B6	ECA
Approval No: 8161-BCNKM5 MOE District:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Date: 2019-06-19 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Minto Communities Inc. Address: 3960 Greenbank Rd Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8992-BC7KLE-14.pdf PDF Site Location:					
<u>2</u>	3 of 5	ENE/0.0	107.9 / 2.98	Minto Communities Inc. 3960 Greenbank Rd Ottawa ON K1P 0B6	ECA
Approval No: 9846-BKVTFT Approval Date: 2020-01-28 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Minto Communities Inc. Address: 3960 Greenbank Rd Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2343-BK9LLQ-14.pdf PDF Site Location:					
<u>2</u>	4 of 5	ENE/0.0	107.9 / 2.98	Minto Communities Inc. 3960 Greenbank Rd Ottawa ON K1P 0B6	ECA
Approval No: 7396-C6HGKE Approval Date: 2021-09-17 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Minto Communities Inc. Address: 3960 Greenbank Rd Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8209-C6AJUH-14.pdf PDF Site Location: Quinn's Pointe Stage 4- Phase 1: Barnsdale Road Works 3960 Greenbank Road City of Ottawa, Ontario					
<u>2</u>	5 of 5	ENE/0.0	107.9 / 2.98	Minto Communities Inc. 3960 Greenbank Rd Ottawa ON K1P 0B6	ECA
Approval No: 1248-CASS87 Approval Date: January 28, 2022 Status: Approved Record Type: ECA Link Source: IDS MOE District: Unknown City: Longitude: Latitude: Geometry X: -9016878.7543000001 Geometry Y:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link: PDF Site Location:	Unknown			Geometry Y: 5700582.7322999965 ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS Minto Communities Inc. 3960 Greenbank Rd https://www.accessenvironment.ene.gov.on.ca/instruments/8393-CAMLUG-14.pdf Quinn's Pointe Stage 4 - Phase 4 3960 Greenbank Road City of Ottawa, Ontario	
3	1 of 2	W/5.9	104.9 / -0.05	Caivan Brazeau Development Corporation 3809 Borrisokane Road Ottawa, ON K2J 0T2 Canada ON	PTTW
EBR Registry No: Ministry Ref No: Notice Type: Notice Stage: Notice Date: Proposal Date: Year: Instrument Type: Off Instrument Name: Posted By: Company Name: Site Address: Location Other: Proponent Name: Proponent Address: Comment Period: URL:	019-1096 8185-BK6JAC Instrument Decision December 24, 2019 2019 Permit to take water Permit to Take Water (OWRA s. 34) Ministry of the Environment, Conservation and Parks			Decision Posted: March 9, 2021 Exception Posted: Section: Section 34 Act 1: Ontario Water Resources Act, R.S.O. 1990 Act 2: Ontario Water Resources Act Site Location Map: 45.234548,-75.75146	
Site Location Details: Lots 8 and 9, Concession 3					
3	2 of 2	W/5.9	104.9 / -0.05	Marcel Brazeau Ltd 3809 Borrisokane Rd Nepean ON K2J 0T2	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:	ON5305892 As of Nov 2021 Canada Registered				
<u>Detail(s)</u>					
Waste Class: Waste Class Name:	252 L Waste crankcase oils and lubricants				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	ESE/6.5	100.8 / -4.07	ON	BORE
Borehole ID: 611846 OGF ID: 215513158 Status: Type: Borehole Use: Completion Date: AUG-1970 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: -999 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 99.7 Elev Reliabil Note: DEM Ground Elev m: 100 Concession: Location D: Survey D: Comments: Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.230683 Longitude DD: -75.738478 UTM Zone: 18 Easting: 442031 Northing: 5008842 Location Accuracy: Accuracy: Not Applicable					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218389361 Top Depth: 21 Bottom Depth: Material Color: Brown Material 1: Bedrock Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: BEDROCK. SEISMIC VELOCITY = 17500. 00086 SEISMIC VELOCITY = 17500. BROWN. BEDROCK,UNSP **Note: Many records provided by the department have a truncated [Stratum Description] field.					
Geology Stratum ID: 218389360 Top Depth: 4.9 Bottom Depth: 21 Material Color: Material 1: Unknown Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: UNSPECIFIED. SEISMIC VELOCITY = 6100.					
Geology Stratum ID: 218389359 Top Depth: 0 Bottom Depth: 4.9 Material Color: Material 1: Unknown Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: UNSPECIFIED. SEISMIC VELOCITY = 1600.					
<u>Source</u>					
Source Type: Data Survey Source Orig: Geological Survey of Canada Source Appl: Spatial/Tabular Source Iden: 1					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Date:1956-1972 Confidence:L Observatio: Source Name:Urban Geology Automated Information System (UGAIS) Source Details:File: OTTAWA1.txt RecordID: 04354 NTS_Sheet: Confiden 1:Gives some indication of sub-surface condition but material is unknown. Scale or Res:Varies Horizontal:NAD27 Verticalda:Mean Average Sea Level					
Source List					
Source Identifier:1 Source Type:Data Survey Source Date:1956-1972 Scale or Resolution:Varies Source Name:Urban Geology Automated Information System (UGAIS) Source Originators:Geological Survey of Canada Horizontal Datum:NAD27 Vertical Datum:Mean Average Sea Level Projection Name:Universal Transverse Mercator					
5	1 of 1	SSE/8.1	99.9 / -5.02	ON	BORE
Borehole ID:611836 OGF ID:215513148 Status: Type:Borehole Use: Completion Date:AUG-1970 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m:-999 Depth Ref:Ground Surface Depth Elev: Drill Method: Orig Ground Elev m:99.4 Elev Reliabil Note: DEM Ground Elev m:99.3 Concession: Location D: Survey D: Comments: Inclin FLG:No SP Status:Initial Entry Surv Elev:No Piezometer:No Primary Name: Municipality: Lot: Township: Latitude DD:45.228669 Longitude DD:-75.743548 UTM Zone:18 Easting:441631 Northing:5008622 Location Accuracy: Accuracy:Not Applicable					
Borehole Geology Stratum					
Geology Stratum ID:218389331 Top Depth:0 Bottom Depth:2.7 Material Color: Material 1:Unknown Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:UNSPECIFIED. SEISMIC VELOCITY = 1300. Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:					
Geology Stratum ID:218389332 Top Depth:2.7 Bottom Depth:18.6 Material Color: Material 1:Unknown Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:UNSPECIFIED. SEISMIC VELOCITY = 5800. Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Year Completed:		2016			
Depth (m):					
Latitude:		45.2339880995839			
Longitude:		-75.7394848601193			
Path:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1006709726		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		07/21/2016		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Links</u>					
Bore Hole ID:		1006709726		Tag No:	
Depth M:				Contractor:	
Year Completed:		2016		Latitude:	
Well Completed Dt:		07/21/2016		Longitude:	
Audit No:		C30080		Y:	
Path:				X:	

7	1 of 1	W/43.9	105.5 / 0.65	ON	WWIS
Well ID:		7359702	Flowing (Y/N):		
Construction Date:			Flow Rate:		
Use 1st:			Data Entry Status: Yes		
Use 2nd:			Data Src:		
Final Well Status:			Date Received: 05/28/2020		
Water Type:			Selected Flag: TRUE		
Casing Material:			Abandonment Rec:		
Audit No:		C45526	Contractor: 7675		
Tag:		A212943	Form Version: 8		
Constructn Method:			Owner:		
Elevation (m):			County: OTTAWA-CARLETON		
Elevatn Reliabilty:			Lot:		
Depth to Bedrock:			Concession:		
Well Depth:			Concession Name:		
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):					
Additional Detail(s) (Map)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Date: 12/02/2019 Year Completed: 2019 Depth (m): Latitude: 45.2340993143475 Longitude: -75.7527740017823 Path:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1008288057 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 12/02/2019 Remarks: Loc Method Desc: on Water Well Record Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
Elevation: Elevrc: Zone: 18 East83: 440912.00 North83: 5009232.00 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr					
<u>Links</u>					
Bore Hole ID: 1008288057 Depth M: Year Completed: 2019 Well Completed Dt: 12/02/2019 Audit No: C45526 Path:					
Tag No: A212943 Contractor: 7675 Latitude: 45.2340993143475 Longitude: -75.7527740017823 Y: 45.234099306854674 X: -75.75277384082219					
8	1 of 1	N/46.5	102.6 / -2.29	lot 8 con 3 ON	WWIS
Well ID: 7411213 Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Z349184 Tag: A267565 Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: NEPEAN TOWNSHIP Site Info:					
Flowing (Y/N): Flow Rate: Data Entry Status: Yes Data Src: Date Received: 02/17/2022 Selected Flag: TRUE Abandonment Rec: Contractor: 7328 Form Version: 7 Owner: County: OTTAWA-CARLETON Lot: 008 Concession: 03 Concession Name: RF Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1008965471 Elevation:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 10/09/2019 Remarks: Loc Method Desc: on Water Well Record Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
Elevrc: Zone: 18 East83: 441552.00 North83: 5009568.00 Org CS: UTM83 UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: wwr					
Links					
Bore Hole ID: 1008965471 Depth M: Year Completed: 2019 Well Completed Dt: 10/09/2019 Audit No: Z349184 Path:					
Tag No: A267565 Contractor: 7328 Latitude: 45.2371770274382 Longitude: -75.7446606734414 Y: 45.237177020038494 X: -75.7446605120277					
9	1 of 1	E/54.3	104.9 / -0.02	lot 6 con 3 ON	WWIS
Well ID: 1527392 Construction Date: Use 1st: Domestic Use 2nd: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 135967 Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: NEPEAN TOWNSHIP Site Info:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 11/21/1993 Selected Flag: TRUE Abandonment Rec: Contractor: 1558 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 006 Concession: 03 Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1527392.pdf					
Additional Detail(s) (Map)					
Well Completed Date: 08/26/1993 Year Completed: 1993 Depth (m): 22.2504 Latitude: 45.2327150712809 Longitude: -75.7386823181477 Path: 152\1527392.pdf					
Bore Hole Information					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10049042			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	442016.70
Code OB Desc:				North83:	5009068.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	08/26/1993			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Loc Method Desc:		Lot centroid			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931066532			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		40.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931066533			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		40.0			
Formation End Depth:		55.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931066534			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		55.0			
Formation End Depth:		73.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931066531			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933112426			
Layer:		1			
Plug From:		0.0			
Plug To:		60.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961527392			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10597612			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930085631			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		73.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930085630			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		61.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991527392			
Pump Set At:					
Static Level:		29.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934110649			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		29.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934903165			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		29.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934654790			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		29.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934385465			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		29.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933486835			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		65.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10049042			Tag No:	
Depth M:	22.2504			Contractor:	1558
Year Completed:	1993			Latitude:	45.2327150712809
Well Completed Dt:	08/26/1993			Longitude:	-75.7386823181477
Audit No:	135967			Y:	45.23271506391343
Path:	152\1527392.pdf			X:	-75.73868215699528

<u>10</u>	1 of 1	NNE/54.3	100.5 / -4.41	lot 8 con 3 ON	WWIS
Well ID:	7411212			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	Yes
Use 2nd:				Data Src:	
Final Well Status:				Date Received:	02/17/2022
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z349185			Contractor:	7328
Tag:	A267565			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	008
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					

Bore Hole Information

Bore Hole ID:	1008965468			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441660.00
Code OB Desc:				North83:	5009635.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	5
Date Completed:	10/09/2019			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	wwr
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Links

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	1008965468			Tag No:	A267565
Depth M:				Contractor:	7328
Year Completed:	2019			Latitude:	45.2377890432328
Well Completed Dt:	10/09/2019			Longitude:	-75.7432926711215
Audit No:	Z349185			Y:	45.23778903613411
Path:				X:	-75.74329250940511

<u>11</u>	1 of 1	SSW/105.6	99.9 / -5.05	lot 5 con 3 ON	WWIS
Well ID:	1528854			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	02/21/1996
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	120006			Contractor:	6629
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	005
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1528854.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/24/1995
Year Completed: 1995
Depth (m): 61.8744
Latitude: 45.227064385874
Longitude: -75.7480099988151
Path: 152\1528854.pdf

Bore Hole Information

Bore Hole ID:	10050390	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441278.70
Code OB Desc:		North83:	5008447.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	05/24/1995	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	gis
Loc Method Desc:	from gis		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931071015			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:		66			
Mat3 Desc:		DENSE			
Formation Top Depth:		0.0			
Formation End Depth:		36.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931071016			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		74			
Mat2 Desc:		LAYERED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		36.0			
Formation End Depth:		175.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931071017			
Layer:		3			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:		73			
Mat2 Desc:		HARD			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		175.0			
Formation End Depth:		203.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933113808			
Layer:		1			
Plug From:		0.0			
Plug To:		38.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		961528854			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10598960			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930088070			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		38.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930088071			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		203.0			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991528854			
Pump Set At:					
Static Level:		42.0			
Final Level After Pumping:		150.0			
Recommended Pump Depth:		150.0			
Pumping Rate:		6.0			
Flowing Rate:					
Recommended Pump Rate:		6.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934907068			
Test Type:		Recovery			
Test Duration:		60			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		42.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934658543			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		61.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934105743			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		100.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934388949			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		70.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933488723			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		180.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10050390			Tag No:	
Depth M:	61.8744			Contractor:	6629
Year Completed:	1995			Latitude:	45.227064385874
Well Completed Dt:	05/24/1995			Longitude:	-75.7480099988151
Audit No:	120006			Y:	45.22706437929211
Path:	152\1528854.pdf			X:	-75.74800983808707

12	1 of 1	NW/121.2	110.7 / 5.85	lot 8 con 3 ON	WWIS
Well ID:	7411211			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	Yes
Use 2nd:				Data Src:	
Final Well Status:				Date Received:	02/17/2022
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z349186			Contractor:	7328
Tag:	A251200			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	008
Depth to Bedrock:				Concession:	03

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:		NEPEAN TOWNSHIP		Concession Name: RF Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1008965465 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 10/08/2019 Remarks: Loc Method Desc: on Water Well Record Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevation: Elevrc: Zone: 18 East83: 441315.00 North83: 5009531.00 Org CS: UTM83 UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: wwr	
<u>Links</u>					
Bore Hole ID: 1008965465 Depth M: Year Completed: 2019 Well Completed Dt: 10/08/2019 Audit No: Z349186 Path:				Tag No: A251200 Contractor: 7328 Latitude: 45.2368242721887 Longitude: -75.7476755627128 Y: 45.23682426528841 X: -75.74767540178219	
<u>13</u>	1 of 1	SSW/129.1	99.9 / -5.02	ON	BORE
Borehole ID: 611824 OGF ID: 215513136 Status: Type: Borehole Use: Completion Date: AUG-1970 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: -999 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 99.4 Elev Reliabil Note: DEM Ground Elev m: 100 Concession: Location D: Survey D: Comments:				Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.226842 Longitude DD: -75.747727 UTM Zone: 18 Easting: 441301 Northing: 5008422 Location Accuracy: Accuracy: Not Applicable	
<u>Borehole Geology Stratum</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218389305 3 15.8 Unknown UNSPECIFIED. SEISMIC VELOCITY = 6700.			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:	218389306 15.8 Brown Bedrock BEDROCK. SEISMIC VELOCITY = 20500. 00086 SEISMIC VELOCITY = 17500. BROWN. BEDROCK,UNSP **Note: Many records provided by the department have a truncated [Stratum Description] field.			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:	218389304 0 3 Unknown UNSPECIFIED. SEISMIC VELOCITY = 1200.			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 L Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 04332 NTS_Sheet: Gives some indication of sub-surface condition but material is unknown.			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Source List					
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
14	1 of 1	W/137.8	107.6 / 2.74	0 Veteran Memorial Highway lot 7 con 4 Ottawa ON	WWIS
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type:	7362958 Monitoring Observation Wells			Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag:	 07/22/2020 TRUE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Material:					
Audit No:	BVPMOSEI			Abandonment Rec:	
Tag:	A219888			Contractor:	7675
Constructn Method:				Form Version:	9
Elevation (m):				Owner:	
Elevatn Reliabilty:				County:	OTTAWA-CARLETON
Depth to Bedrock:				Lot:	007
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Clear/Cloudy:				Zone:	
Municipality:	NEPEAN TOWNSHIP			UTM Reliability:	
Site Info:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1008350539			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	440857.00
Code OB Desc:				North83:	5009078.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	07/15/2020			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Loc Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1008350673				
Layer:	1				
Color:					
General Color:					
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	5.0				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1008350676				
Layer:	4				
Color:					
General Color:					
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Mat2 Desc:					
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		20.0			
Formation End Depth:		30.0			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1008350675			
Layer:		3			
Color:					
General Color:					
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:		84			
Mat3 Desc:		SILTY			
Formation Top Depth:		8.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1008350674			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		8.0			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008350760			
Layer:		1			
Plug From:					
Plug To:					
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008350802			
Layer:		1			
Plug From:		1.0			
Plug To:		18.0			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008350803			
Layer:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug From:		18.0			
Plug To:		30.0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008350608			
Method Construction Code:		E			
Method Construction:		Auger			
Other Method Construction:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008350607			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1008350581			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008350706			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		20.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1008350721			
Layer:		1			
Slot:		10			
Screen Top Depth:		20.0			
Screen End Depth:		30.0			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		5.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1008350582			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Rate: Levels UOM: m Rate UOM: LPM Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:					
<u>Water Details</u>					
Water ID:		1008350643			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		6.0			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1008350741			
Diameter:		20.0			
Depth From:		0.0			
Depth To:		30.0			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Links</u>					
Bore Hole ID:	1008350539			Tag No:	A219888
Depth M:	30			Contractor:	7675
Year Completed:	2020			Latitude:	45.232708574295
Well Completed Dt:	07/15/2020			Longitude:	-75.7534563172998
Audit No:	BVPMOSEI			Y:	45.232708566900165
Path:	736\7362958.pdf			X:	-75.75345615608765
15	1 of 1	W/146.3	106.4 / 1.47	0 Veteran Memorial Highway lot 7 con 4 Ottawa ON	WWIS
Well ID:	7362960			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Observation Wells			Date Received:	07/22/2020
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	CCZ9TFCN			Contractor:	7675
Tag:	A219889			Form Version:	9
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	007
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	1008350542			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	440839.00
Code OB Desc:				North83:	5009098.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	07/16/2020			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1008350677				
Layer:	1				
Color:					
General Color:					
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Mat2 Desc:					
Mat3:	68				
Mat3 Desc:	DRY				
Formation Top Depth:	0.0				
Formation End Depth:	5.0				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1008350679				
Layer:	3				
Color:					
General Color:					
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Mat2 Desc:					
Mat3:	84				
Mat3 Desc:	SILTY				
Formation Top Depth:	8.0				
Formation End Depth:	20.0				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1008350680				
Layer:	4				
Color:					
General Color:					
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Mat2 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20.0			
Formation End Depth:		30.0			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1008350678			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		8.0			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008350761			
Layer:		1			
Plug From:					
Plug To:					
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008350804			
Layer:		1			
Plug From:		1.0			
Plug To:		18.0			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008350805			
Layer:		2			
Plug From:		18.0			
Plug To:		30.0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1008350609			
Method Construction Code:		E			
Method Construction:		Auger			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1008350583			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No: Comment: Alt Name:		0			
<u>Construction Record - Casing</u>					
Casing ID:		1008350707			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		20.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1008350722			
Layer:		1			
Slot:		10			
Screen Top Depth:		20.0			
Screen End Depth:		30.0			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		5.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1008350584			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Water Details</u>					
Water ID:		1008350644			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		10.0			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1008350742			
Diameter:		20.0			
Depth From:		0.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		30.0			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
Links					
Bore Hole ID:		1008350542		Tag No:	A219889
Depth M:		30		Contractor:	7675
Year Completed:		2020		Latitude:	45.232887076928
Well Completed Dt:		07/16/2020		Longitude:	-75.7536879891143
Audit No:		CCZ9TFCN		Y:	45.2328870703389
Path:		736\7362960.pdf		X:	-75.75368782791448
16	1 of 4	NE/158.5	104.8 / -0.09	PE5246 - Kilbirnie Drive at Robin Easey (Vacant land) Ottawa ON K2C 3H2	EHS
Order No:		21040700123		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State:	ON
Report Date:		12-APR-21		Search Radius (km):	.25
Date Received:		07-APR-21		X:	-75.7378106
Previous Site Name:				Y:	45.2382516
Lot/Building Size:					
Additional Info Ordered:					
16	2 of 4	NE/158.5	104.8 / -0.09	PE5246 - Kilbirnie Drive at Robin Easey (Vacant land) Ottawa ON K2C 3H2	EHS
Order No:		21040700123		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State:	ON
Report Date:		12-APR-21		Search Radius (km):	.25
Date Received:		07-APR-21		X:	-75.7378106
Previous Site Name:				Y:	45.2382516
Lot/Building Size:					
Additional Info Ordered:					
16	3 of 4	NE/158.5	104.8 / -0.09	PE5246 - Kilbirnie Drive at Robin Easey (Vacant land) Ottawa ON K2C 3H2	EHS
Order No:		21040700123		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State:	ON
Report Date:		12-APR-21		Search Radius (km):	.25
Date Received:		07-APR-21		X:	-75.7378106
Previous Site Name:				Y:	45.2382516
Lot/Building Size:					
Additional Info Ordered:					
16	4 of 4	NE/158.5	104.8 / -0.09	PE5246 - Kilbirnie Drive at Robin Easey (Vacant land) Ottawa ON K2C 3H2	EHS
Order No:		21040700123		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State:	ON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Date: 12-APR-21 Date Received: 07-APR-21 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
17	1 of 4	SSW/178.0	99.9 / -5.04	Hwy 416/ Barnsdale Rd Ottawa ON	EHS
Order No: 22022300475 Status: C Report Type: Custom Report Report Date: 28-FEB-22 Date Received: 23-FEB-22 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Search Radius (km): .25 X: -75.7378106 Y: 45.2382516					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .5 X: -75.74879688 Y: 45.2265313					
17	2 of 4	SSW/178.0	99.9 / -5.04	Hwy 416/ Barnsdale Rd Ottawa ON	EHS
Order No: 22022300475 Status: C Report Type: Custom Report Report Date: 28-FEB-22 Date Received: 23-FEB-22 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Search Radius (km): .25 X: -75.7378106 Y: 45.2382516					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .5 X: -75.74879688 Y: 45.2265313					
17	3 of 4	SSW/178.0	99.9 / -5.04	Hwy 416/ Barnsdale Rd Ottawa ON	EHS
Order No: 22022300475 Status: C Report Type: Custom Report Report Date: 28-FEB-22 Date Received: 23-FEB-22 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Search Radius (km): .25 X: -75.7378106 Y: 45.2382516					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .5 X: -75.74879688 Y: 45.2265313					
17	4 of 4	SSW/178.0	99.9 / -5.04	Hwy 416/ Barnsdale Rd Ottawa ON	EHS
Order No: 22022300475 Status: C Report Type: Custom Report Report Date: 28-FEB-22 Date Received: 23-FEB-22 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Search Radius (km): .25 X: -75.7378106 Y: 45.2382516					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .5 X: -75.74879688 Y: 45.2265313					
18	1 of 1	ESE/188.9	101.9 / -3.02	Greenbank Rd Barnsdale Rd Ottawa ON	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 20140324041 Status: C Report Type: Custom Report Report Date: 01-APR-14 Date Received: 24-MAR-14 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.737022 Y: 45.229377					
19	1 of 4	NW/190.5	109.5 / 4.56	3809 Borrisokane Rd Nepean ON K2J 0T2	EHS
Order No: 22052700168 Status: C Report Type: Custom Report Report Date: 30-MAY-22 Date Received: 27-MAY-22 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.74896939 Y: 45.23705201					
19	2 of 4	NW/190.5	109.5 / 4.56	3809 Borrisokane Rd Nepean ON K2J 0T2	EHS
Order No: 22052700168 Status: C Report Type: Custom Report Report Date: 30-MAY-22 Date Received: 27-MAY-22 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.74896939 Y: 45.23705201					
19	3 of 4	NW/190.5	109.5 / 4.56	3809 Borrisokane Rd Nepean ON K2J 0T2	EHS
Order No: 22052700168 Status: C Report Type: Custom Report Report Date: 30-MAY-22 Date Received: 27-MAY-22 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.74896939 Y: 45.23705201					
19	4 of 4	NW/190.5	109.5 / 4.56	3809 Borrisokane Rd Nepean ON K2J 0T2	EHS
Order No: 22052700168 Status: C Report Type: Custom Report Report Date: 30-MAY-22 Date Received: 27-MAY-22 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.74896939 Y: 45.23705201					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	1 of 4	NNE/204.0	104.9 / 0.01	PE5176 - Western part of 3718 Greenbank Rd, Ottawa ON ottawa ON K2C 3H2	EHS
Order No: 21020200170		Status: C		Nearest Intersection:	
Report Type: Standard Report		Report Date: 05-FEB-21		Municipality:	
Date Received: 02-FEB-21		Previous Site Name:		Client Prov/State: ON	
Lot/Building Size:		Additional Info Ordered:		Search Radius (km): .25	
				X: -75.7416634	
				Y: 45.2399589	
20	2 of 4	NNE/204.0	104.9 / 0.01	PE5176 - Western part of 3718 Greenbank Rd, Ottawa ON ottawa ON K2C 3H2	EHS
Order No: 21020200170		Status: C		Nearest Intersection:	
Report Type: Standard Report		Report Date: 05-FEB-21		Municipality:	
Date Received: 02-FEB-21		Previous Site Name:		Client Prov/State: ON	
Lot/Building Size:		Additional Info Ordered:		Search Radius (km): .25	
				X: -75.7416634	
				Y: 45.2399589	
20	3 of 4	NNE/204.0	104.9 / 0.01	PE5176 - Western part of 3718 Greenbank Rd, Ottawa ON ottawa ON K2C 3H2	EHS
Order No: 21020200170		Status: C		Nearest Intersection:	
Report Type: Standard Report		Report Date: 05-FEB-21		Municipality:	
Date Received: 02-FEB-21		Previous Site Name:		Client Prov/State: ON	
Lot/Building Size:		Additional Info Ordered:		Search Radius (km): .25	
				X: -75.7416634	
				Y: 45.2399589	
20	4 of 4	NNE/204.0	104.9 / 0.01	PE5176 - Western part of 3718 Greenbank Rd, Ottawa ON ottawa ON K2C 3H2	EHS
Order No: 21020200170		Status: C		Nearest Intersection:	
Report Type: Standard Report		Report Date: 05-FEB-21		Municipality:	
Date Received: 02-FEB-21		Previous Site Name:		Client Prov/State: ON	
Lot/Building Size:		Additional Info Ordered:		Search Radius (km): .25	
				X: -75.7416634	
				Y: 45.2399589	
21	1 of 1	NNW/206.0	110.8 / 5.90	Marcel Brazeau Limited ON	AGR
ID: 4219		Current Status: SURRENDERED		Effective Date:	
Authority Type:				Licenced Area (ha): 43.7	
				Extraction Area:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Section: Location Name: Address Line 1: Address Line 2: Address City: Address Pcode: Geographc Township: District: Auth Type Desc: CLASS A LICENCE > 20000 TONNES Operation Type: Pit Unlimited Tonnage: No Status Date: Upper Tier Munici: Lower Tier Munici: Source Detail: Geometry: Source: OGF ID: 67241117 Max Tonnage: 300000 Water Status: Below Water District Name: Location Accuracy: Within 10 metres Geom Updt Datetime: Effective Datetime: 17-Apr-2006 System Datetime: 25-Apr-2006 Refreshed Datetime: Max Annual Tonnage: X: -75.7478934582998 Y: 45.2376036678478 Material Reference Aggregate Site Authorized - Inactive					
22	1 of 1	NW/207.3	110.8 / 5.90	3809 Borrisokane Road Nepean ON K2J 0T2	EHS
Order No: 20181107178 Status: C Report Type: Custom Report Report Date: 14-NOV-18 Date Received: 07-NOV-18 Previous Site Name: Lot/Building Size: Additional Info Ordered: City Directory; Aerial Photos Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.747967 Y: 45.23759					
23	1 of 1	NNE/213.8	103.8 / -1.08	lot 8 con 3 ON	WWIS
Well ID: 1528163 Construction Date: Use 1st: Domestic Use 2nd: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 137477 Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: NEPEAN TOWNSHIP Site Info: Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 11/06/1994 Selected Flag: TRUE Abandonment Rec: Contractor: 3644 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 008 Concession: 03 Concession Name: RF Easting NAD83: Northing NAD83: Zone: UTM Reliability: PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/1521528163.pdf Additional Detail(s) (Map) Well Completed Date: 08/15/1994 Year Completed: 1994 Depth (m): 67.9704					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Latitude:		45.2396287438123			
Longitude:		-75.7427726128436			
Path:		152\1528163.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10049702			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441702.70
Code OB Desc:				North83:	5009839.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	08/15/1994			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Loc Method Desc:		Lot centroid			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931068793				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	14				
Most Common Material:	HARDPAN				
Mat2:	11				
Mat2 Desc:	GRAVEL				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	22.0				
Formation End Depth:	31.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931068794				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	31.0				
Formation End Depth:	150.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931068795				
Layer:	4				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:		74			
Mat2 Desc:		LAYERED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		150.0			
Formation End Depth:		223.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931068792			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		22.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u> <u>Use</u>					
Method Construction ID:		961528163			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10598272			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930086872			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		223.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930086871			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		35.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991528163			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		120.0			
Recommended Pump Depth:		120.0			
Pumping Rate:		12.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934387228			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		10.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934656556			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		10.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934905348			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		10.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934112419			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933487757			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer: 1 Kind Code: 5 Kind: Not stated Water Found Depth: 150.0 Water Found Depth UOM: ft					
Water Details					
Water ID: 933487758 Layer: 2 Kind Code: 5 Kind: Not stated Water Found Depth: 218.0 Water Found Depth UOM: ft					
Links					
Bore Hole ID: 10049702 Depth M: 67.9704 Year Completed: 1994 Well Completed Dt: 08/15/1994 Audit No: 137477 Path: 152\1528163.pdf					
Tag No: Contractor: 3644 Latitude: 45.2396287438123 Longitude: -75.7427726128436 Y: 45.23962873717124 X: -75.74277245134805					
24	1 of 1	N/218.5	106.9 / 1.98	Caivan Greenbank Development Corporation Ottawa, ON K0A 2E0 Canada ON	PTTW
EBR Registry No: 019-2400 Ministry Ref No: 3720-BTCJBQ Notice Type: Instrument Notice Stage: Decision Notice Date: Proposal Date: September 18, 2020 Year: 2020 Instrument Type: Permit to take water Off Instrument Name: Permit to Take Water (OWRA s. 34) Posted By: Ministry of the Environment, Conservation and Parks Company Name: Site Address: Ottawa, ON K0A 2E0 Canada Location Other: Proponent Name: Caivan Greenbank Development Corporation Proponent Address: Caivan Greenbank Development Corporation 2934 Baseline Road Unit 302 Ottawa, ON K2H1B2 Canada Comment Period: September 18, 2020 - October 18, 2020 (30 days) Closed URL: https://ero.ontario.ca/notice/019-2400					
Decision Posted: November 26, 2020 Exception Posted: Section: Section 34 Act 1: Ontario Water Resources Act, R.S.O. 1990 Act 2: Ontario Water Resources Act Site Location Map: 45.238511,-75.745774					
Site Location Details:					
City of Ottawa Lot 8, 9, Concession 3					
25	1 of 1	NE/219.3	103.4 / -1.46	lot 7 con 3 ON	WWIS
Well ID: 1506039 Construction Date: Use 1st: Industrial Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 11/30/1965 Selected Flag: TRUE Abandonment Rec:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:				Contractor:	1503
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	007
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506039.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		10/28/1965			
Year Completed:		1965			
Depth (m):		20.4216			
Latitude:		45.2390593777474			
Longitude:		-75.7375668691552			
Path:		150\1506039.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10028082		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	442110.70
Code OB Desc:				North83:	5009772.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:		10/28/1965		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931003629			
Layer:		3			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		65.0			
Formation End Depth:		67.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931003627			
Layer:		1			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		58.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931003628			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		58.0			
Formation End Depth:		65.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961506039			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576652			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930048911			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		66.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930048912			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		67.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506039			
Pump Set At:					
Static Level:		21.0			
Final Level After Pumping:		21.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933460103			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		67.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10028082			Tag No:	
Depth M:	20.4216			Contractor:	1503
Year Completed:	1965			Latitude:	45.2390593777474
Well Completed Dt:	10/28/1965			Longitude:	-75.7375668691552
Audit No:				Y:	45.239059371255976
Path:	150\1506039.pdf			X:	-75.73756670796215

26	1 of 1	NE/219.3	103.4 / -1.46	ON	BORE
Borehole ID:	611898			Inclin FLG:	No
OGF ID:	215513210			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	OCT-1965			Municipality:	
Static Water Level:	17.7			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.23906
Total Depth m:	20.4			Longitude DD:	-75.737567
Depth Ref:	Ground Surface			UTM Zone:	18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth Elev:				Easting:	442111
Drill Method:				Northing:	5009772
Orig Ground Elev m:	102			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	104				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218389496			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	17.7			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND.				
Geology Stratum ID:	218389497			Mat Consistency:	
Top Depth:	17.7			Material Moisture:	
Bottom Depth:	19.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Boulders			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BOULDERS,LIMESTONE.				
Geology Stratum ID:	218389498			Mat Consistency:	
Top Depth:	19.8			Material Moisture:	
Bottom Depth:	20.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL. 00067E AT 277.0 FEET. 19500. LIMESTONE.SEISMIC VELOCITY = 20000. CLAY,SILT, **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<u>Source</u>					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 04406 NTS_Sheet:				
Confiden 1:					
<u>Source List</u>					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Originators:		Geological Survey of Canada			
27	1 of 1	N/220.0	106.9 / 1.98	CAIVAN GREENBANK DEVELOPMENT CORPORATION ON	EASR
Approval No:		R-009-1112506106	MOE District:		Ottawa
Status:		REGISTERED	Municipality:		
Date:		2020-09-09	Latitude:		45.23861111
Record Type:		EASR	Longitude:		-75.74555556
Link Source:		MOFA	Geometry X:		
Project Type:		Water Taking - Construction Dewatering	Geometry Y:		
Full Address:					
Approval Type:		EASR-Water Taking - Construction Dewatering			
SWP Area Name:		Rideau Valley			
PDF URL:					
PDF Site Location:					
28	1 of 1	ESE/220.4	101.9 / -3.02	lot 5 con 3 ON	WWIS
Well ID:		1529611	Flowing (Y/N):		
Construction Date:			Flow Rate:		
Use 1st:		Domestic	Data Entry Status:		
Use 2nd:			Data Src:		1
Final Well Status:		Water Supply	Date Received:		09/17/1997
Water Type:			Selected Flag:		TRUE
Casing Material:			Abandonment Rec:		
Audit No:		180704	Contractor:		6455
Tag:			Form Version:		1
Constructn Method:			Owner:		
Elevation (m):			County:		OTTAWA-CARLETON
Elevatn Reliabilty:			Lot:		005
Depth to Bedrock:			Concession:		03
Well Depth:			Concession Name:		RF
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1529611.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		09/08/1997			
Year Completed:		1997			
Depth (m):		33.528			
Latitude:		45.2292178762917			
Longitude:		-75.7366051785461			
Path:		152\1529611.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10051146		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	09/08/1997			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Loc Method Desc:		Lot centroid			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931073307			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		30.0			
Formation End Depth:		74.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931073308			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		74.0			
Formation End Depth:		84.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931073306			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		79			
Mat2 Desc:		PACKED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		7.0			
Formation End Depth:		30.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931073305			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		81			
Mat2 Desc:		SANDY			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		7.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931073310			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		78			
Mat2 Desc:		MEDIUM-GRAINED			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		94.0			
Formation End Depth:		110.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931073309			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		14			
Mat3 Desc:		HARDPAN			
Formation Top Depth:		84.0			
Formation End Depth:		94.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933114636			
Layer:		1			
Plug From:		0.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID: 961529611					
Method Construction Code: 1					
Method Construction: Cable Tool					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID: 10599716					
Casing No: 1					
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 930089280					
Layer: 2					
Material: 4					
Open Hole or Material: OPEN HOLE					
Depth From:					
Depth To: 110.0					
Casing Diameter: 5.0					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
<u>Construction Record - Casing</u>					
Casing ID: 930089279					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From:					
Depth To: 94.0					
Casing Diameter: 6.0					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc: BAILER					
Pump Test ID: 991529611					
Pump Set At:					
Static Level: 35.0					
Final Level After Pumping: 37.0					
Recommended Pump Depth: 50.0					
Pumping Rate: 50.0					
Flowing Rate:					
Recommended Pump Rate: 12.0					
Levels UOM: ft					
Rate UOM: GPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 2					
Pumping Duration HR: 1					
Pumping Duration MIN: 0					
Flowing: No					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934391152					
Test Type: Draw Down					
Test Duration: 30					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		37.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934909270			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		37.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934116180			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		37.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934660733			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		37.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933489626			
Layer:		1			
Kind Code:		4			
Kind:		MINERIAL			
Water Found Depth:		108.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10051146		Tag No:	
Depth M:		33.528		Contractor:	6455
Year Completed:		1997		Latitude:	45.2292178762917
Well Completed Dt:		09/08/1997		Longitude:	-75.7366051785461
Audit No:		180704		Y:	45.229217869020154
Path:		152\1529611.pdf		X:	-75.73660501768133

29	1 of 1	ENE/221.4	104.9 / -0.02	lot 7 con 3 ON	WWIS
Well ID:		7341453		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Monitoring		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		0		Date Received:	09/10/2019
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	Yes
Audit No:		Z252129		Contractor:	4875
Tag:				Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	007
Depth to Bedrock:				Concession:	03

67 erisinfo.com | Environmental Risk Information Services Order No: 23112200276

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		1008123518			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008123522			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1008123523			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1008123521			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1008123520			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Links</u>					
Bore Hole ID:	1007636321			Tag No:	
Depth M:				Contractor:	4875
Year Completed:	2019			Latitude:	45.2374565608337
Well Completed Dt:	07/19/2019			Longitude:	-75.7362555059984
Audit No:	Z252129			Y:	45.237456554096994
Path:	734\7341453.pdf			X:	-75.7362553451843

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
30	1 of 1	ESE/226.4	101.9 / -3.02	City of Ottawa Part of Lots 5 and 6, Concession 3 Ottawa ON K1P 1J1	ECA
Approval No: 7125-4WTRKD Approval Date: 2001-05-18 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-Municipal and Private Water Works Project Type: Municipal and Private Water Works Business Name: City of Ottawa Address: Part of Lots 5 and 6, Concession 3 Full Address: Full PDF Link: PDF Site Location: MOE District: Ottawa City: Longitude: -75.7365 Latitude: 45.2292 Geometry X: Geometry Y:					

Unplottable Summary

Total: **39** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	1374421 Ontario Ltd.	North Part of Lot 6, Concession III	Ottawa ON	
CA		Lot 6, Concession 2 and 3	Ottawa ON	
CA		Lot 6, Concession 2 and 3	Ottawa ON	
CA	1374421 Ontario Ltd.	North Part of Lot 6, Concession III	Ottawa ON	
CA		Lot 6, Concession 2 and 3	Ottawa ON	
CA	CITY	GREENBANK RD./EASEMENT	NEPEAN CITY ON	
CA	CITY	GREENBANK RD./EASEMENT	NEPEAN CITY ON	
CA	NEPEAN CITY	GREENBANK RD.	NEPEAN CITY ON	
CONV	Brandon James Amell	Highway 416	Ottawa ON	
EBR	Marcel Brazeau Limited		ON	
ECA	City of Ottawa	Greenbank Rd	Ottawa ON	K2G 6J8
ECA	Caivan Greenbank Development Corporation		Ottawa ON	K2H 1B2
ECA	Caivan Greenbank Development Corporation		Ottawa ON	K2H 1B2
ECA	Waste Management of Canada Corporation	Lot 5, 2 and 3 concession	Ottawa ON	K0A 1L0
ECA	Caivan Greenbank Development Corporation		Ottawa ON	K2H 1B2
ECA	City of Ottawa	Greenbank Rd	Ottawa ON	K2G 6J8
ECA	Humanics Universal Inc.	Part of Lot 7	Ottawa ON	K4A 1Z6

PINC	ENBRIDGE GAS INC	GALMOY ST,,OTTAWA,ON,,CA	ON	
PTTW	Burnside Sand & Gravel Limited	Lots 6 7 and 8, Concession 4, City of Ottawa CITY OF OTTAWA	ON	
REC	OTTAWA, CORPORATION OF THE CITY OF	TRAIL ROAD LANDFILL SITE PT LOTS 7, 8, 9, 10 & 11, CONC. 4	NEPEAN ON	
REC	OTTAWA, CITY OF	TRAIL ROAD LANDFILL SITE PT LOTS 7, 8, 9, 10 & 11, CONC. 4(RF)	OTTAWA ON	K0A 2Z0
RSC	CAIVAN GREENBANK DEVELOPMENT CORPORATION	No Municipal Address	Ottawa ON	
SPL		Galmoy Street, Ottawa	Ottawa ON	
SPL	Clean Water Works Inc.; City of Ottawa	Greenbank Rd	Ottawa ON	
SPL	Plasco Trail Road Inc.	Trail Road, Nepean	Ottawa ON	
WWIS		lot 6	ON	
WWIS		lot 8	ON	
WWIS		lot 7	ON	
WWIS		lot 6	ON	
WWIS		lot 6	ON	
WWIS		lot 8	ON	
WWIS		lot 6	ON	
WWIS		lot 5	ON	
WWIS		lot 5	ON	
WWIS		lot 8	ON	
WWIS		lot 7	ON	
WWIS		lot 5	ON	
WWIS		lot 5	ON	
WWIS		lot 6	ON	

Unplottable Report

Site: 1374421 Ontario Ltd.
North Part of Lot 6, Concession III Ottawa ON

Database:
CA

Certificate #: 7248-6M3NHQ
Application Year: 2006
Issue Date: 2/17/2006
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: Lot 6, Concession 2 and 3 Ottawa ON

Database:
CA

Certificate #: 5772-4W5M6D
Application Year: 01
Issue Date: 4/25/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: KNL Developments Inc.
Client Address: 222 Somerset Street West, Suite 300
Client City: Ottawa
Client Postal Code: K2P 2G3
Project Description: Storm and sanitary sewers to be constructed on Witherspoon Crescent
Contaminants:
Emission Control:

Site: Lot 6, Concession 2 and 3 Ottawa ON

Database:
CA

Certificate #: 1760-4W5ML6
Application Year: 01
Issue Date: 4/25/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: KNL Developments Inc.
Client Address: 222 Somerset Street West, Suite 300
Client City: Ottawa
Client Postal Code: K2P 2G3
Project Description: Watermains to be constructed on Witherspoon Crescent
Contaminants:
Emission Control:

Site: 1374421 Ontario Ltd.
North Part of Lot 6, Concession III Ottawa ON

Database:
CA

Certificate #: 1907-62VS2P

Application Year: 2004
Issue Date: 7/21/2004
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Lot 6, Concession 2 and 3 Ottawa ON** **Database:** **CA**

Certificate #: 6816-54HQ5P
Application Year: 01
Issue Date: 11/16/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: KNL Developments Inc.
Client Address: 222 Somerset Street West, Suite 300
Client City: Ottawa
Client Postal Code: K2P 2G3
Project Description: Sanitary Sewers including appurtenances from approximately 50m west of Ironside Court to the Goulbourn Forced Road to serve the Kanata Lakes Subdivision, City of Ottawa
Contaminants:
Emission Control:

Site: **CITY GREENBANK RD./EASEMENT NEPEAN CITY ON** **Database:** **CA**

Certificate #: 3-0235-85-006
Application Year: 85
Issue Date: 4/2/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **CITY GREENBANK RD./EASEMENT NEPEAN CITY ON** **Database:** **CA**

Certificate #: 3-0207-85-006
Application Year: 85
Issue Date: 3/21/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: NEPEAN CITY
GREENBANK RD. NEPEAN CITY ON

Database:
CA

Certificate #: 3-1646-88-
Application Year: 88
Issue Date: 9/15/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Brandon James Amell
Highway 416 Ottawa ON

Database:
CONV

File No:
Crown Brief No:
Court Location: Ottawa
Publication City:
Publication Title: Diesel Truck Owner fined \$500 for an Environmental Protection Act Violation
Act: Environmental Protection Act

Location:
Region:
Ministry District:

Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed: Brandon Amell was convicted of one violation under the Environmental Protection Act and was fined \$500 plus a victim fine surcharge of \$110 and was given 3 months to pay.
Description: The conviction relates to hindering or obstructing a Provincial Officer in the lawful performance of his duties by evading the Provincial Officer.
Background: Drive Clean is an Ontario Environmental Protection Act program that is enforced by the Ministry of the Environment, Conservation and Parks and is designed to reduce smog-causing pollutants from motor vehicles. On April 11, 2018, ministry officers were monitoring traffic on Highway 416 in Ottawa for the purpose of performing roadside inspections to enforce the Drive Clean program. The ministry officers were wearing visual identification enforcement officer uniforms and were driving in a ministry patrol vehicle that was equipped with a red-light package. On this date, the ministry officer signalled a white GMC diesel pickup truck to stop for an inspection by activating the red-light package on the ministry vehicle. Brandon James Amell was driving the pickup and failed to immediately bring the vehicle to a safe stop, but instead accelerated away and took a highway off ramp. It is understood that Mr. Amell did this because he was concerned about being caught driving while under suspension.
URL: The ministry's Investigations and Enforcement Branch investigated and laid charges resulting in one conviction. <https://news.ontario.ca/ene/en/2019/10/diesel-truck-owner-fined-500-for-an-environmental-protection-act-violation.html>

Additional Details

Publication Date: October 15, 2019 4:00 P.M.
Count:
Act:
Regulation:
Section:
Act/Regulation/Section:
Date of Offence: On or about April 11, 2018
Date of Conviction: September 18, 2019
Date Charged:
Charge Disposition:
Fine: \$500

Synopsis:

Site: Marcel Brazeau Limited
ON

Database:
EBR

EBR Registry No:	019-2113	Decision Posted:	November 10, 2020
Ministry Ref No:		Exception Posted:	
Notice Type:	Instrument	Section:	Section 13 (3.1)
Notice Stage:	Decision	Act 1:	Aggregate Resources Act, R.S.O. 1990
Notice Date:		Act 2:	Aggregate Resources Act
Proposal Date:	July 23, 2020	Site Location Map:	
Year:	2020		
Instrument Type:	Changes to the site plan for a pit or quarry		
Off Instrument Name:	Approval of licensee proposed amendment to a site plan		
Posted By:	Ministry of Natural Resources and Forestry		
Company Name:			
Site Address:			
Location Other:			
Proponent Name:	Marcel Brazeau Limited		
Proponent Address:	Marcel Brazeau Limited PO Box 231 Gloucester, ON K1G 3N5 Canada		
Comment Period:	July 23, 2020 - August 24, 2020 (32 days) Closed		
URL:	https://ero.ontario.ca/notice/019-2113		

Site Location Details:

City of Ottawa
Part Lot 8, Concession 3RF, Geographic Township of Nepean
The site is located south of Barrhaven, in the City of Ottawa, on Borrisokane Road.
The site is Aggregate Resources Act Licence No. 4219.
A link showing sites licensed under the Aggregate Resources Act is provided: <https://ontario.ca/page/find-pits-and-quarries>

Site: City of Ottawa
Greenbank Rd Ottawa ON K2G 6J8

Database:
ECA

Approval No:	2429-A8QJUW	MOE District:	
Approval Date:	2016-04-13	City:	
Status:	Approved	Longitude:	
Record Type:	ECA	Latitude:	
Link Source:	IDS	Geometry X:	
SWP Area Name:		Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	City of Ottawa		
Address:	Greenbank Rd		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0338-A86NUC-14.pdf		
PDF Site Location:			

Site: Caivan Greenbank Development Corporation
Ottawa ON K2H 1B2

Database:
ECA

Approval No:	1799-BTHJMX	MOE District:	
Approval Date:	2020-09-18	City:	
Status:	Approved	Longitude:	
Record Type:	ECA	Latitude:	
Link Source:	IDS	Geometry X:	
SWP Area Name:		Geometry Y:	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		
Business Name:	Caivan Greenbank Development Corporation		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1192-BTGHQH-14.pdf		
PDF Site Location:			

Site: Caivan Greenbank Development Corporation
Ottawa ON K2H 1B2

Database:
ECA

Approval No: 9590-BTHKN4
Approval Date: 2020-09-18
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Caivan Greenbank Development Corporation
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3008-BTGJMD-14.pdf>
PDF Site Location:

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

Site: Waste Management of Canada Corporation
Lot 5, 2 and 3 concession Ottawa ON K0A 1L0

Database:
ECA

Approval No: 7953-CFDMRG
Approval Date: August 10, 2022
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Mississippi Valley
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Waste Management of Canada Corporation
Address: Lot 5, 2 and 3 concession
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/2684-CEYHTR-14.pdf>
PDF Site Location: Carp Road Modifications
City of Ottawa, Ontario

MOE District: Ottawa
City:
Longitude:
Latitude:
Geometry X: -8468784.9962000009
Geometry Y: 5667824.9619999966

Site: Caivan Greenbank Development Corporation
Ottawa ON K2H 1B2

Database:
ECA

Approval No: 7058-CETMJA
Approval Date: August 16, 2022
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Caivan Greenbank Development Corporation
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5049-CELRT8-14.pdf>
PDF Site Location: The Ridge Subdivision
Park Lot 9 (Rideau Front)
City of Ottawa, Ontario

MOE District: North Bay
City:
Longitude:
Latitude:
Geometry X: -9016878.7543000001
Geometry Y: 5700582.7322999965

Site: City of Ottawa
Greenbank Rd Ottawa ON K2G 6J8

Database:
ECA

Approval No: 5363-AH4PJ3
Approval Date: 2017-01-13
Status: Approved
Record Type: ECA
Link Source: IDS
MOE District:
City:
Longitude:
Latitude:
Geometry X:

SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Greenbank Rd
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3138-A86P23-14.pdf>
PDF Site Location:

Geometry Y:

Site: **Humanics Universal Inc.**
Part of Lot 7 Ottawa ON K4A 1Z6

Database:
ECA

Approval No: 2541-AK4T53
Approval Date: 2017-03-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Humanics Universal Inc.
Address: Part of Lot 7
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6813-AA2NAF-14.pdf>
PDF Site Location:

MOE District:

City:

Longitude:

Latitude:

Geometry X:

Geometry Y:

Site: **ENBRIDGE GAS INC**
GALMOY ST.,OTTAWA,ON,,CA ON

Database:
PINC

Incident Id:
Incident No: 2807748
Incident Reported Dt: 3/19/2020
Type: FS-Pipeline Incident
Status Code:
Tank Status: Pipeline Damage Reason Est
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Depth:
Customer Acct Name: ENBRIDGE GAS INC
Incident Address: GALMOY ST.,OTTAWA,ON,,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Pipe Material:

Fuel Category:

Health Impact:

Environment Impact:

Property Damage:

Service Interrupt:

Enforce Policy:

Public Relation:

Pipeline System:

PSIG:

Attribute Category:

Regulator Location:

Method Details:

Site: **Burnside Sand & Gravel Limited**
Lots 6 7 and 8, Concession 4, City of Ottawa CITY OF OTTAWA ON

Database:
PTTW

EBR Registry No: 011-7053
Ministry Ref No: 7358-8XFPY5
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 04, 2012
Proposal Date: August 27, 2012
Year: 2012

Decision Posted:

Exception Posted:

Section:

Act 1:

Act 2:

Site Location Map:

Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Burnside Sand & Gravel Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: Burnside Sand & Gravel Limited, 5597 Power Road, Ottawa Ontario, Canada K1G 3N4
Comment Period:
URL:

Site Location Details:

Lots 6 7 and 8, Concession 4, City of Ottawa CITY OF OTTAWA

Site: OTTAWA, CORPORATION OF THE CITY OF
TRAIL ROAD LANDFILL SITE PT LOTS 7, 8, 9, 10 & 11, CONC. 4 NEPEAN ON

Database:
[REC](#)

ID:
Company ID:
Receiver No: A461303
Co Admin:
Choice of Contact:
Rec Div:
Rec Op Div:
Rec Op Name:
Site Bldg:
Facility Type: LANDFILL
Approval Yrs: 2000; 2001

Province In: ON
Province Out:
County Out:
Mail Addr:
Site PO Box:

Site: OTTAWA, CITY OF
TRAIL ROAD LANDFILL SITE PT LOTS 7, 8, 9, 10 & 11, CONC. 4(RF) OTTAWA ON K0A 2Z0

Database:
[REC](#)

ID:
Company ID:
Receiver No: A461303
Co Admin:
Choice of Contact:
Rec Div:
Rec Op Div:
Rec Op Name:
Site Bldg:
Facility Type: LANDFILL
Approval Yrs: 2002

Province In: ON
Province Out:
County Out:
Mail Addr:
Site PO Box:

Site: CAIVAN GREENBANK DEVELOPMENT CORPORATION
No Municipal Address Ottawa ON

Database:
[RSC](#)

RSC ID: 227501
RA No:
RSC Type: Phase 1 and 2 RSC
Curr Property Use: Industrial
Ministry District: Ottawa District Office
Filing Date: 2021/01/18
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686:
Asmt Roll No: 0614120770097010000
Prop ID No (PIN): 04592-2993 (LT)
Property Municipal Address: No Municipal Address
Mailing Address:

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

Latitude & Latitude:
UTM Coordinates:
Consultant:
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=138611&fileName=BROWNFIELDS-E.pdf>

Document(s) Detail

Document Heading: Supporting Documents
Document Name: RSC Survey Highlighted.pdf
Document Type: A Current plan of Survey
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=138608&fileName=RSC+Survey+Highlighted.pdf>

Document Heading: Supporting Documents
Document Name: Phase II CSM_reduced.pdf
Document Type: Phase 2 Conceptual Site Model
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=138609&fileName=Phase+II+CSM_reduced.pdf

Document Heading: Supporting Documents
Document Name: Certificate of Status.pdf
Document Type: Certificate of Status
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=138606&fileName=Certificate+of+Status.pdf>

Document Heading: Supporting Documents
Document Name: Current and Past Uses.pdf
Document Type: Table of Current and Past Property Use
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=138612&fileName=Current+and+Past+Uses.pdf>

Document Heading: Supporting Documents
Document Name: APEC Table.pdf
Document Type: Area(s) of Potential Environmental Concern
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=138614&fileName=APEC+Table.pdf>

Document Heading: Supporting Documents
Document Name: Transfer.pdf
Document Type: Copy of any deed(s), transfer(s) or other document(s)
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=141084&fileName=Transfer.pdf>

Document Heading: Supporting Documents
Document Name: RSC Letter.pdf
Document Type: Lawyer's letter consisting of a legal description of the property
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=138607&fileName=RSC+Letter.pdf>

Site:

Galmoy Street, Ottawa Ottawa ON

Database:
SPL

Ref No: 2020-BMUNRR
Year:
Incident Dt: 2020/03/19
Dt MOE Arvl on Scn:
MOE Reported Dt: 2020/03/19
Dt Document Closed: 2020/05/16
Site No: NA
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:

Site Name: Enbridge: 2" gasline<UNOFFICIAL>
Site Address: Galmoy Street, Ottawa
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Event: Leak/Break
Environment Impact:
Nature of Impact:
Contaminant Qty: 0 other - see incident description
System Facility Address:
Client Name:
Client Type:
Source Type: Pipeline/Components
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: 1075
Receiving Medium: Air
Incident Reason: Operator/Human Error
Incident Summary: TSSA/Enbridge: 2" plastic IP gasline damage
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Other
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Call Report Locatn Geodata:

Site: Clean Water Works Inc.; City of Ottawa
 Greenbank Rd Ottawa ON

Database:
[SPL](#)

Ref No:	8678-9X4KTE	Municipality No:
Year:		Nature of Damage:
Incident Dt:	6/2/2015	Discharger Report:
Dt MOE Arvl on Scn:		Material Group:
MOE Reported Dt:	6/2/2015	Health/Env Conseq:
Dt Document Closed:		Agency Involved:
Site No:	NA	
MOE Response:	N	
Site County/District:		
Site Geo Ref Meth:		
Site District Office:		
Nearest Watercourse:		
Site Name:	Gas line <UNOFFICIAL>	
Site Address:	Greenbank Rd	
Site Region:		
Site Municipality:	Ottawa	
Site Lot:		
Site Conc:		
Site Geo Ref Accu:		
Site Map Datum:		
Northing:		
Easting:		
Incident Cause:	Unknown / N/A	
Incident Event:		
Environment Impact:		
Nature of Impact:	Land	
Contaminant Qty:	2000 L	
System Facility Address:		
Client Name:	Clean Water Works Inc.; City of Ottawa	
Client Type:		

Source Type:
Contaminant Code: 27
Contaminant Name: OIL ADDITIVES
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Incident Reason: Unknown / N/A
Incident Summary: 2000L oily substance in excavated pit
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class: Land Spills
Call Report Locatn Geodata:

Site: Plasco Trail Road Inc.
Trail Road, Nepean Ottawa ON

Database:
SPL

Ref No: 8654-875HLL
Year:
Incident Dt:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/7/2010
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Plasco Trail Road<UNOFFICIAL>
Site Address:
Site Region:
Site Municipality:
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Other Discharges
Incident Event:
Environment Impact: Confirmed
Nature of Impact: Soil Contamination
Contaminant Qty: 600 L
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code: 99
Contaminant Name: WATER
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Incident Reason:
Incident Summary: Plasco Trail Road: 600L raw water & waste run off to grnd
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Waste Disposal Site
SAC Action Class: Land Spills
Call Report Locatn Geodata:

Site:

lot 6 ON

Database:

WWIS

Well ID: 1529378
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 175306
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 04/23/1997
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1119
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 006
Concession:
Concession Name: NI
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050914
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/10/1997
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock**Materials Interval**

Formation ID: 931072535
Layer: 3
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 127.0
Formation End Depth: 160.0
Formation End Depth UOM: ft

Overburden and Bedrock**Materials Interval**

Formation ID: 931072534
Layer: 2
Color: 2

General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 54.0
Formation End Depth: 127.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931072533
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 0.0
Formation End Depth: 54.0
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933114389
Layer: 1
Plug From: 2.0
Plug To: 61.0
Plug Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961529378
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10599484
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930088856
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 160.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930088855
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 61.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991529378
Pump Set At:
Static Level: 14.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 80.0
Pumping Rate: 22.0
Flowing Rate:
Recommended Pump Rate: 22.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934908249
Test Type: Recovery
Test Duration: 60
Test Level: 14.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934115581
Test Type: Recovery
Test Duration: 15
Test Level: 14.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934659159
Test Type: Recovery
Test Duration: 45
Test Level: 14.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390549
Test Type: Recovery
Test Duration: 30
Test Level: 14.0
Test Level UOM: ft

Water Details

Water ID: 933489326
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 77.0
Water Found Depth UOM: ft

Water Details

Water ID: 933489328
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 149.0
Water Found Depth UOM: ft

Water Details

Water ID: 933489327
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 92.0
Water Found Depth UOM: ft

Site:

lot 8 ON

Database:
[WWIS](#)

Well ID: 1528401
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Abandoned-Quality
Water Type:
Casing Material:
Audit No: 147796
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01/26/1995
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049938
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/09/1994
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:

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

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933113303
Layer: 1
Plug From: 0.0
Plug To: 41.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961528401
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10598508
Casing No: 1
Comment:
Alt Name:

Site:

lot 7 ON

Database:
[WWIS](#)

Well ID: 1521407
Construction Date:
Use 1st: Domestic
Use 2nd: Public
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 07073
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/03/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 5222
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043229
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/05/1987
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:

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

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

Overburden and Bedrock
Materials Interval

Formation ID: 931047933
Layer: 4
Color: 1
General Color: WHITE
Mat1: 20
Most Common Material: QUARTZITE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 78.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931047930
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931047931
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931047932
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05

Most Common Material: CLAY
Mat2: 91
Mat2 Desc: WATER-BEARING
Mat3:
Mat3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933109445
Layer: 1
Plug From: 0.0
Plug To: 62.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961521407
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10591799
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075484
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 62.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930075485
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 78.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991521407
Pump Set At:
Static Level: 21.0
Final Level After Pumping: 70.0

Recommended Pump Depth: 70.0
Pumping Rate: 14.0
Flowing Rate:
Recommended Pump Rate: 14.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR: 7
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933478948
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 72.0
Water Found Depth UOM: ft

Site:

lot 6 ON

Database:
[WWIS](#)

Well ID: 1535511
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: Z17640
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: 15000
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 05/28/2005
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6907
Form Version: 3
Owner:
County: OTTAWA-CARLETON
Lot: 006
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11316050
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04/11/2005
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Method of Construction & Well

Use

Method Construction ID: 961535511
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11330905
Casing No: 1
Comment:
Alt Name:

Site: lot 6 ON **Database:** [WWIS](#)

Well ID:	1520819	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	09/03/1986
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	NA	Contractor:	1558
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	006
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	RF
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10042660	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	01/30/1986	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931045919
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND

Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 7.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931045923
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 78
Mat2 Desc: MEDIUM-GRAINED
Mat3:
Mat3 Desc:
Formation Top Depth: 48.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931045921
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 39.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931045920
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 7.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931045922
Layer: 4
Color: 2

General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 39.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520819
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10591230
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930074461
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930074460
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 52.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991520819
Pump Set At:
Static Level: 28.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 75.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY

Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934388398
Test Type: Draw Down
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104859
Test Type: Draw Down
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906636
Test Type: Draw Down
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649555
Test Type: Draw Down
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933478188
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Water Details

Water ID: 933478189
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 96.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID: 1500396
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/26/1948

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

Selected Flag: TRUE
Abandonment Rec:
Contractor: 1107
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name: JG
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10022441
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/29/1947
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 930989162
Layer: 2
Color:
General Color:
Mat1: 26
Most Common Material: ROCK
Mat2: 19
Mat2 Desc: SLATE
Mat3:
Mat3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 51.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930989161
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0

Formation End Depth: 28.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961500396
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571011
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930037815
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 28.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930037816
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 51.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991500396
Pump Set At:
Static Level: 6.0
Final Level After Pumping: 6.0
Recommended Pump Depth:
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933452913
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 51.0
Water Found Depth UOM: ft

Site:
lot 6 ON

Database:
[WWIS](#)

Well ID: 1500388
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY (GLOUCESTER)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/26/1948
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1107
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 006
Concession:
Concession Name: JG
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10022433
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/14/1947
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 930989140
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 930989141
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 930989143
Layer: 4
Color:
General Color:
Mat1: 26
Most Common Material: ROCK
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 59.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 930989142
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961500388
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571003
Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID: 930037801
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 59.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930037800
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 25.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991500388
Pump Set At:
Static Level: 1.0
Final Level After Pumping: 1.0
Recommended Pump Depth:
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933452905
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 59.0
Water Found Depth UOM: ft

Site:

lot 5 ON

Database:
[WWIS](#)

Well ID: 1500377
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/26/1948
Selected Flag: TRUE
Abandonment Rec:

Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY (GLOUCESTER)
Site Info:

Contractor: 1107
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 005
Concession:
Concession Name: JG
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10022422
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/24/1947
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 930989112
Layer: 1
Color: 2
General Color: GREY
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930989114
Layer: 3
Color: 2
General Color: GREY
Mat1: 19
Most Common Material: SLATE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 89.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 930989113
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961500377
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10570992
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930037778
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 89.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930037777
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 28.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991500377
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 24.0

Recommended Pump Depth:
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933452894
Layer: 1
Kind Code: 4
Kind: MINERIAL
Water Found Depth: 89.0
Water Found Depth UOM: ft

Site:

lot 5 ON

Database:
[WWIS](#)

Well ID: 1526362
Construction Date:
Use 1st: Irrigation
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 111839
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 07/20/1992
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 005
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048075
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/06/1992
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID: 931063953
Layer: 3
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 263.0
Formation End Depth UOM: ft

Overburden and Bedrock**Materials Interval**

Formation ID: 931063951
Layer: 1
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock**Materials Interval**

Formation ID: 931063952
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Method of Construction & Well**Use**

Method Construction ID: 961526362
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10596645
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084162
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930084163
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 263.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991526362
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 260.0
Recommended Pump Depth: 260.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934909115
Test Type:
Test Duration: 60
Test Level: 45.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934107344
Test Type:
Test Duration: 15
Test Level: 185.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390979
Test Type:
Test Duration: 30

Test Level: 120.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651499
Test Type:
Test Duration: 45
Test Level: 75.0
Test Level UOM: ft

Water Details

Water ID: 933485661
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 140.0
Water Found Depth UOM: ft

Water Details

Water ID: 933485662
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 235.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
[WWIS](#)

Well ID: 1522816
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Recharge Well
Water Type:
Casing Material:
Audit No: 27054
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/26/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044623
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/08/1988
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM

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

Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock
Materials Interval

Formation ID: 931052666
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 90
Mat2 Desc: VERY
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 67.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931052667
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 90.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931052665
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 67.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931052664
Layer: 1
Color: 2
General Color: GREY

Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522816
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593193
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078055
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930078054
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 69.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991522816
Pump Set At:
Static Level: 7.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 60.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 15.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1

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

Draw Down & Recovery

Pump Test Detail ID: 934111556
Test Type:
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386979
Test Type:
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934647962
Test Type:
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905170
Test Type:
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933480847
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 94.0
Water Found Depth UOM: ft

Water Details

Water ID: 933480846
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 75.0
Water Found Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 1524618
Construction Date:
Use 1st: Cooling And A/C
Use 2nd:
Final Well Status: Test Hole
Water Type:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/21/1990
Selected Flag: TRUE

Casing Material:
Audit No: 84331
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Abandonment Rec:
Contractor: 5222
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046366
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/13/1990
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID: 931058525
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931058527
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 21.0

Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931058526
Layer: 2
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 08
Mat2 Desc: FINE SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961524618
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594936
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081182
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 10.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Site:

lot 5 ON

Database:
[WWIS](#)

Well ID: 1525695
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 68596
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/21/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 005
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:

Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10047430	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	05/29/1991	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931062033
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25.0
Formation End Depth:	43.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931062034
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	43.0
Formation End Depth:	105.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931062032
Layer:	1
Color:	2
General Color:	GREY

Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931062035
Layer: 4
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 15
Mat2 Desc: LIMESTONE
Mat3:
Mat3 Desc:
Formation Top Depth: 105.0
Formation End Depth: 223.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961525695
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10596000
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083027
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 223.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083026
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 46.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991525695
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 80.0
Pumping Rate: 25.0
Flowing Rate:
Recommended Pump Rate: 20.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934649267
Test Type:
Test Duration: 45
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105070
Test Type:
Test Duration: 15
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906865
Test Type:
Test Duration: 60
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388729
Test Type:
Test Duration: 30
Test Level: 80.0
Test Level UOM: ft

Water Details

Water ID: 933484759
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 120.0
Water Found Depth UOM: ft

Water Details

Water ID: 933484758
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 218.0
Water Found Depth UOM: ft

Water Details

Water ID: 933484757
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Site: lot 5 ON Database: [WWIS](#)

Well ID:	1525696	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Recharge Well	Date Received:	10/21/1991
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	68595	Contractor:	3644
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliability:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10047431	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	05/29/1991	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

Formation ID: 931062037
Layer: 2
Color: 2

General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 31.0
Formation End Depth: 43.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931062036
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 31.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931062038
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 43.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961525696
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10596001
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083029
Layer: 2
Material: 4

Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083028
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 46.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991525696
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 40.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934105071
Test Type:
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906866
Test Type:
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649268
Test Type:
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388730
Test Type:
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933484760
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 54.0
Water Found Depth UOM: ft

Site:
lot 6 ON

Database:
WWIS

Well ID: 1525698
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 92003
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/21/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 006
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047433
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/17/1991
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931062042
Layer: 1
Color: 2
General Color: GREY

Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931062043
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 80.0
Formation End Depth: 98.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931062044
Layer: 3
Color: 2
General Color: GREY
Mat1: 26
Most Common Material: ROCK
Mat2: 71
Mat2 Desc: FRACTURED
Mat3:
Mat3 Desc:
Formation Top Depth: 98.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961525698
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10596003
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083032
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:
Depth To: 99.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991525698
Pump Set At:
Static Level: 0.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 80.0
Pumping Rate: 18.0
Flowing Rate:
Recommended Pump Rate: 18.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934105073
Test Type:
Test Duration: 15
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906868
Test Type:
Test Duration: 60
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388732
Test Type:
Test Duration: 30
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649270
Test Type:
Test Duration: 45
Test Level: 80.0
Test Level UOM: ft

Water Details

Water ID: 933484762
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth: 99.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Oct 31, 2023

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-Oct 31, 2023

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 -Nov 2023

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Nov 2023

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - Jan 31, 2024

Drill Hole Database:

Provincial

[DRL](#)

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

Government Publication Date: 1886 - Aug 2023

Delisted Fuel Tanks:

Provincial

[DTNK](#)

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

Government Publication Date: Oct 2023

Environmental Activity and Sector Registry:

Provincial

[EASR](#)

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

Government Publication Date: Oct 2011-Dec 31, 2023

Environmental Registry:

Provincial

[EBR](#)

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

Government Publication Date: 1994 - Jan 31, 2024

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- Dec 31, 2023

Environmental Effects Monitoring:

Federal

[EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

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

Government Publication Date: 1999-Dec 31, 2023

Environmental Issues Inventory System:

Federal

[EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial

EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land 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, 2022

List of Expired Fuels Safety Facilities:

Provincial

EXP

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

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

Government Publication Date: Oct 2023

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-Oct 2023

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal

FRST

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

Government Publication Date: Oct 31, 2021

Fuel Storage Tank:

Provincial

FST

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

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

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2021

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: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2023

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2022

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-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

Government Publication Date: 1974-2003***National PCB Inventory:**

Federal

[NPCB](#)

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

Government Publication Date: 1988-2008***National Pollutant Release Inventory 1993-2020:**

Federal

[NPR2](#)

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

Government Publication Date: Sep 2020**National Pollutant Release Inventory - Historic:**

Federal

[NPRI](#)

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

Government Publication Date: 1993-May 2017**Oil and Gas Wells:**

Private

[OGWE](#)

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

Government Publication Date: 1988-Nov 30, 2023**Ontario Oil and Gas Wells:**

Provincial

[OOGW](#)

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

Government Publication Date: 1800-Aug 2023**Inventory of PCB Storage Sites:**

Provincial

[OPCB](#)

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

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

Provincial

[ORD](#)

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

Government Publication Date: 1994 - Jan 31, 2024

Canadian Pulp and Paper:

Private

[PAP](#)

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

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

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

[PES](#)

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

Government Publication Date: Oct 2011- Dec 31, 2023

NPRI Reporters - PFAS Substances:

Federal

[PFCH](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

[PFHA](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 2020

Pipeline Incidents:

Provincial

[PINC](#)

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial

[PRT](#)

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

[PTTW](#)

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

Government Publication Date: 1994 - Jan 31, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial

[REC](#)

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

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial

[RSC](#)

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

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

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

Retail Fuel Storage Tanks:

Private

[RST](#)

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

Government Publication Date: 1999-Oct 31, 2023

Scott's Manufacturing Directory:

Private

[SCT](#)

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

[SPL](#)

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

Government Publication Date: 1988-Jan 2023; May 2023-Dec 2023

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

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

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks:

Private

[TANK](#)

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

[TCFT](#)

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

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Dec 31, 2023

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Mar 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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