patersongroup

Consulting Engineers

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

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science

www.patersongroup.ca

September 28, 2021
File: PE1878-LET.04

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

Attention: **Mr. Curtiss Scarlett**

Subject: **Phase I – Environmental Site Assessment Update**
Arcadia Project – Stage 5, Campeau Drive

Dear Sir,

Further to your request, Paterson Group Inc. (Paterson) conducted a Phase I Environmental Site Assessment (ESA) Update for a vacant piece of land north of Campeau Drive, between Winterset Road and the Carp River in the City of Ottawa, herein referred to as the Phase I property. This letter report is an update to a portion of the Phase I ESA property contained in the report entitled “Phase I Environmental Site Assessment, Arcadia Project – 450 Huntmar Drive, Ottawa, Ontario”, prepared by Paterson and dated December 9, 2016.

This report is intended to meet the requirements for an updated Phase I ESA, as per the MECP O.Reg 153/04, as amended. This update is to be read in conjunction with the 2016 report.

Background

The Phase I property is located directly north of Campeau Drive, between Winterset Road and the Carp River, in Ottawa Ontario, and is situated in an area of active residential and commercial development. Based on a review of historical sources, the Phase I property was used for agricultural purposes from before 1947 up to circa 1995, when residential and commercial development in the area commenced. The Phase I property has never been developed with any buildings or structures. Adjacent land use is comprised of residential dwellings (south and west), and agricultural or other use land (previously undeveloped), with some land under active development (residential and commercial). The Carp River is located adjacent to the north property boundary. It is our understanding that the Phase I will be developed for residential purposes.

Previous Engineering Reports

- ‘Phase I – Environmental Site Assessment – Vacant Property, Palladium Drive and Campeau Drive, Ottawa, Ontario’, dated November 16, 2018, prepared by Paterson Group;

The 2018 Phase I ESA did not identify any potentially contaminating activities (PCAs) on-site or within the Phase I study area. No further investigation was recommended at that time.

Site Conditions

A site visit was conducted on September 16, 2021. The Phase I property consists of vacant land, with a vehicle parking and equipment storage area, as shown on Drawing PE1878-13 – Site Plan. The property is currently undergoing a settlement surcharge program for future development, and as such presently contains approximately 4 to 6 m of clean fill (primarily brown silty clay material) across the majority of the site. The fill material consists of reworked native material from the historic larger parcel and is not considered to represent an APEC on the Phase I property. Adjacent property use includes newly constructed residential dwellings west, across Winterset, and further northwest, including some units still under construction. The Carp River is present adjacent north of the Phase I property. A stormwater management pond is present to the south, across Campeau Drive, with some commercial retail buildings further east, across the Carp River.

The local and regional topography in the area of the Phase I property slopes north toward the Carp River, located along the north property line of the Phase I property. Site drainage consists primarily of infiltration. No private sewage systems or potable water wells were identified on the Phase I property. Evidence of electrical and water/sewer services were observed along Campeau Drive and Winterset Road.

A visual assessment of the adjacent properties did not reveal any concerns to the Phase I Property. Surrounding land use is illustrated on Drawing PE1878-14 – Surrounding Land Use Plan.

Updated Records Review

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions with respect to the Phase I property. A response from the MECP FOI office had not been received at the time this update was

issued. However, a copy of the response will be forwarded to the client, should it contain any pertinent information. A copy of the MECP FOI request is included in the Appendix.

The TSSA, Fuels Safety Branch in Toronto, was contacted electronically on September 20, 2021, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. No records are listed in the TSSA registry for the general area of the site. A copy of the TSSA correspondence is appended to this report.

An updated HLUI request was submitted as part of this assessment. At the time this update was issued, a response had not been received, however, a copy of the response will be forwarded to the client, should it contain any pertinent information. A copy of the HLUI request is included in the Appendix.

A 2018 HLUI from a larger property containing the Phase I property was reviewed in the interim. Based on the 2018 HLUI, no present or historical activities were listed for the 2018 Phase I property (including the Phase I property contained herein), or for properties within 50m of the site boundaries. As a result, no PCAs were identified on the Phase I property or within the Phase I study area.

A Record of Site Condition (RSC) was filed by Paterson Group in 2020 for a small portion of the larger 450 Huntmar property, approximately 100 metres west of the Phase I property. Based on the analytical results of the Phase II ESA, no contaminants of concern were identified on the RSC property. No PCAs were identified with respect to the Phase I property in the RSC review.

An ERIS (Environmental Risk Information Service) report was obtained for the Phase I property and surrounding lands. No records were identified on the Phase I property.

Forty-seven (47) records were identified within the Phase I study area, including borehole records, Certificates of Approval (CAs), Environmental Compliance Approvals (ECAs), Ontario Waste Generators, Ontario Well records, Permits to Take Water (PTTW) and Ontario Spills Registry. The majority of the records pertain to current development activities, including geotechnical/geological boreholes and monitoring wells, sewer and water work applications, permits to take water, and past historical ERIS searched.

No potential environmental concerns were identified with respect to the Phase I property. The ERIS report is appended to this Phase I ESA Update.

Conclusion

Based on the records review and the site visit, no changes have been made to the site or adjacent properties that are considered to result in areas of potential environmental concern on the Phase I ESA Property. Based on these findings, **it is our opinion that a Phase II ESA is not required.**

Statement of Limitations

This Phase I Environmental Site Assessment Update report has been prepared under the supervision of a Qualified Person, in general accordance with Ontario Regulation 153/04, as amended, under the Environmental Protection Act. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program.

The findings of the Phase I ESA Update are based on a review of readily available geological, historical, and regulatory information and a cursory review made at the time of the field assessment.

Should any conditions be encountered at the 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 Paterson will be required to release this report to any other party.

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

Paterson Group Inc.

Jesse Andrechek, BASc

Michael Beaudoin, P.Eng., QP$_{ESA}$

Report Distribution:

- ❑ Minto Communities Inc.
- ❑ Paterson Group Inc.

Appendix:

- ❑ MECP FOI Request
- ❑ TSSA Correspondence
- ❑ HLUI Application
- ❑ ERIS Report
- ❑ Figure 1 – Key Plan
- ❑ Drawing PE1878-13 – Site Plan
- ❑ Drawing PE1878-14 – Surrounding Land Use Plan

Ontario

Ministry of the Environment and Climate Change

Freedom of Information and
Protection of Privacy Office
40 St. Clair Avenue West, 12th Floor
Toronto ON M4V 1M2
Telephone 416 314-4075

Freedom of Information Request

Instructions

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Our fax number is 416 314-4285.

For Ministry Use Only

FOI Request Number	Date Request Received (yyyy/mm/dd)
Fee Paid	☐ Cheque ☐ VISA/MC ☐ Cash/Money Order

☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ IEB ☐ EAA ☐ EMR ☐ SCB ☐ SDW

1. Requester Data

Last Name	First Name	Middle Initial
Andrechek	Jesse	J

Title	Company Name
Environmental Technician	Paterson Group

Mailing Address

Unit Number	Street Number	Street Name	PO Box
	154	Colonnade Road South	

City/Town	Province	Postal Code
Ottawa	Ontario	K2E 7J5

Email Address	Telephone Number	Fax Number
jandrechek@patersongroup.ca	613 226-7381 ext.	

Project/Reference Number	Signature of Requester
PE1878 (stage 5)	J. Andrechek

2. Request Parameters

Municipal Address (Municipal address mandatory for cities, towns or regions)

Unit Number	Street Number	Street Name	PO Box
	370-450	Huntmar Drive	

Lot Number	Concession	Geographic Township
Part of Lots 3 and 4	1	March

City/Town/Village	Province	Postal Code
Ottawa	ON	

Present Property

1. Owner: Minto Communities — Date of Ownership (yyyy/mm/dd)

Tenant (if applicable)

Previous Property

1. Owner — Date of Ownership (yyyy/mm/dd)

Tenant (if applicable)

  Disponible en français

3. Search Parameters

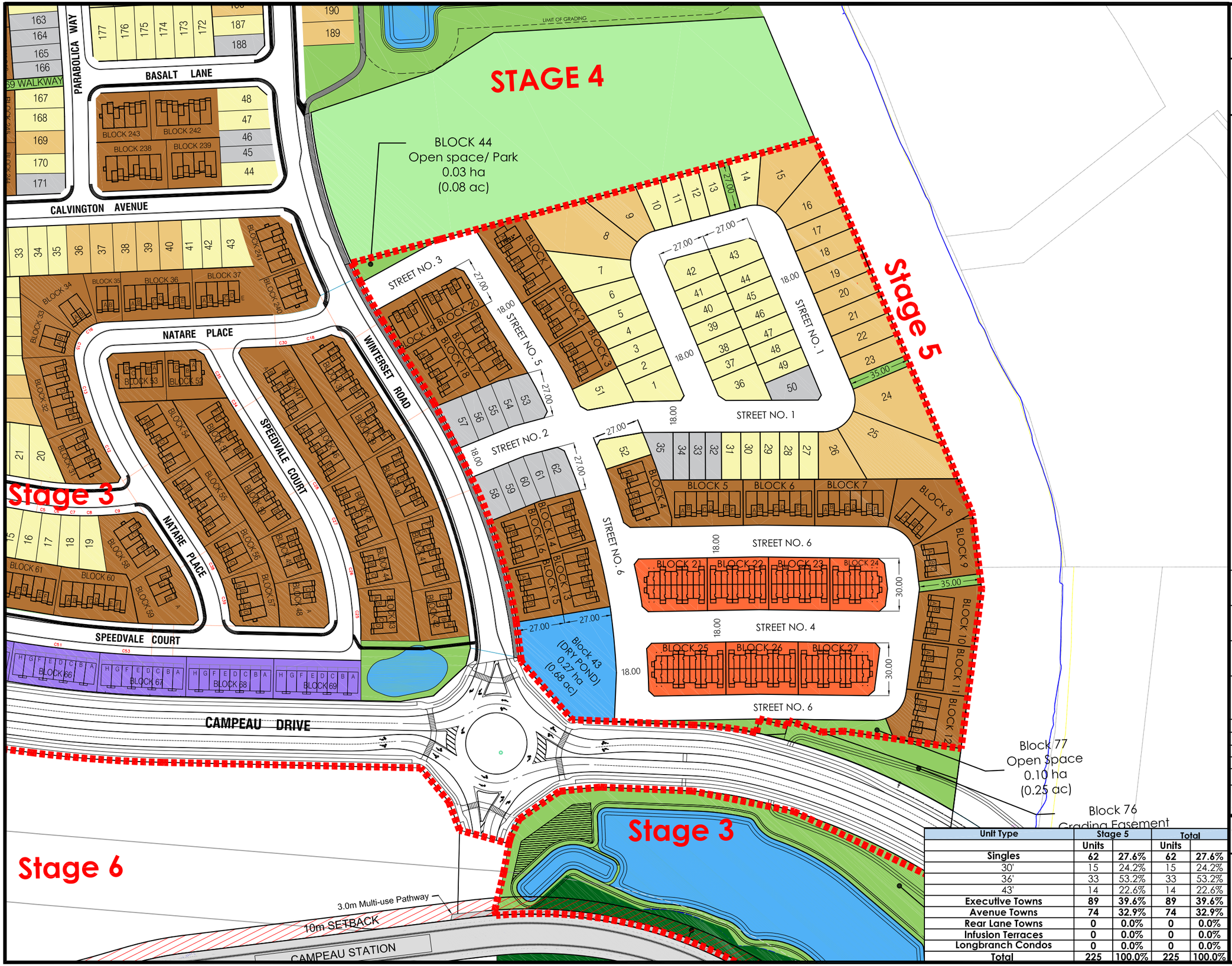
Search Parameters	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	All
Orders	All
Spills	All
Investigations/prosecutions ► Owner and tenant information must be provided	2003-Present
Waste Generator number/classes	All

Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.

4. Environmental Compliance Approvals/Certificates of Approval

Environmental Compliance Approvals/Certificates of Approval	SD	Specify Year(s) Requested
air - emissions	☑	1986- Present
renewable energy	☑	1986- Present
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	☑	1986- Present
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	☑	1986- Present
waste water - industrial discharge	☑	1986- Present
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	☑	1986- Present
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	☑	1986- Present

Proponent information must be provided and Environmental Compliance Approval/Certificate of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of $300.00 may be incurred, depending on the types and years to be searched. Specify Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.



Unit Type	Stage 5		Total	
	Units		Units	
Singles	**62**	**27.6%**	**62**	**27.6%**
30'	15	24.2%	15	24.2%
36'	33	53.2%	33	53.2%
43'	14	22.6%	14	22.6%
Executive Towns	**89**	**39.6%**	**89**	**39.6%**
Avenue Towns	**74**	**32.9%**	**74**	**32.9%**
Rear Lane Towns	**0**	**0.0%**	**0**	**0.0%**
Infusion Terraces	**0**	**0.0%**	**0**	**0.0%**
Longbranch Condos	**0**	**0.0%**	**0**	**0.0%**
Total	**225**	**100.0%**	**225**	**100.0%**

Title:

Concept Plan 13 Rev 4.2

Project:

Arcadia - Stage 5

Legend

- 30' Singles
- 36' Singles
- 43' Singles
- Executive Town Homes
- Avenue (B2B) Town Homes
- Condo Lands
- Rear Lane Town Homes
- Parkland
- Storm Water Management
- Open Space
- Stage Limits

No.	Description	Date	By
4.2	Updated Block 76 Grading Easement to match the legal 4M plan for Arcadia Stage 3	2/5/2021	M.S.
4.1	Add singles at the entrance of the P-Loop	1/27/2021	K.G.
4	Update Avenue block distribution, change Block 17-20 from Exec TH to singles	12/17/2020	K.G.
3	Update Block 8 & 9 to 3-unit blocks, remove 1 unit from Block 1 to meet zoning, re-lot singles.	12/10/2020	K.G.
2	Issued For Review	12/7/2020	M.S.
1	Issued For Review	12/2/2020	M.S.
0	Issued For Review	2020-11-19	B.A.

Revisions

minto Communities

Drawn By: M.S.
Checked By: C.S.

Minto Communities Inc
180 Kent Street,
Ottawa, ON
K1P 0B6

North

Scale: NTS

Jesse Andrechek

From: Public Information Services <publicinformationservices@tssa.org>
Sent: September 20, 2021 3:17 PM
To: Jesse Andrechek
Subject: RE: Search Records Request: PE1878 (Arcadia Stage 5)

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

NO RECORD FOUND

Hello Jesse,

Thank you for your request for confirmation of public information.

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

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

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

Kind regards,

Ella

Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Jesse Andrechek <JAndrechek@patersongroup.ca>
Sent: September 20, 2021 11:51 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Search Records Request: PE1878 (Arcadia Stage 5)

Good afternoon,

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

Huntmar Drive: 320, 340, 350, 450

Winterset Road: 570
Richardson Side Road: 1660
Campeau Drive: 8245

Thank you,

Best regards,
Jesse Andrechek, BASc

patersongroup
solution oriented engineering
over 60 years serving our clients

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel: (613) 226-7381 Ext. 228
Cell: (613) 913-3381

patersongroup

Consulting Engineers

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

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science

www.patersongroup.ca

September 15, 2021
File: PE1878-LET.04

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

Subject: **Authorization Letter, HLUI Search**
Phase I-Environmental Site Assessment Update
370-450 Huntmar Drive (Arcadia Stage 5)
Ottawa, Ontario

Dear Sir or Madame,

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

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

Name of Company/Property Owner: Minto Communities Inc.

Name of Representative: Curtiss Scarlett

Authorization of Representative: C Scarlett

Date: 2021.09.16

Office Use Only		
Application Number:	Ward Number:	Application Received: (dd/mm/yyyy):
Client Service Centre Staff:		Fee Received: $

Historic Land Use Inventory

Application Form

Notice of Public Record

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

Municipal Freedom of Information and Protection Act

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

Background Information

***Site Address or Location:** 370-450 Huntmar Drive (Arcadia Stage 5)

** Mandatory Field*

Applicant/Agent Information:

Name:	*Paterson Group Inc*		
Mailing Address:	*154 Colonnade Rd S, Nepean, ON K2E 7J5*		
Telephone:	*613-226-7381*	Email Address:	*jandrechek@patersongroup.ca*

Registered Property Owner Information: ☐ Same as above

Name:	Minto Communities		
Mailing Address:			
Telephone:		Email Address:	

Site Details

Legal Description and PIN: Part of Lots 3 & 4, Concession 1, Geographic Township of March, City of Ottawa, ON.

What is the land currently used for? Vacant / Future Development Land.

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

OR Lot area: (irregular lot) 84623.5 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 $128.00

Submittal Requirements

The following are required to be submitted with this application:

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

Disclaimer
For use with HLUI Database

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

The City, in providing information from the HLUI, to Paterson Group ("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.

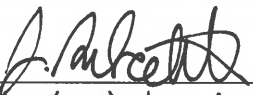
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the 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: 

Dated (dd/mm/yyyy): 16/09/2021

Per: Jesse Andrechek

(Please print name)

Title: Environmental Consultant

Company: Paterson Group Inc

DATABASE REPORT

Project Property:	*PE1878 - Arcadia Stage 5 and 6* *370-450 Huntmar Drive* *Ottawa ON*
Project No:	*PE1878*
Report Type:	*RSC Report - Quote*
Order No:	*21091500316*
Requested by:	*Paterson Group Inc.*
Date Completed:	*September 20, 2021*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:	*PE1878 - Arcadia Stage 5 and 6* *370-450 Huntmar Drive Ottawa ON*
Project No:	*PE1878*

Order Information:

Order No:	*21091500316*
Date Requested:	*September 15, 2021*
Requested by:	*Paterson Group Inc.*
Report Type:	*RSC Report - Quote*

Historical/Products:

Topographic Map	*RSC Maps*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
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	1	20	21
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	1	1
ECA	Environmental Compliance Approval	Y	0	9	9
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	6	6
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 0.30km	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
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	3	3
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	1	5	6
	Total:		2	47	49

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	BORE		ON	SW/0.0	3.87	20
2	WWIS		lot 3 con 1 ON ***Well ID:*** 1503284	SW/0.0	3.87	21

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	WWIS		Campeau Dr. lot 3 con 1 Ottawa ON ***Well ID:*** 7345832	SW/18.3	2.37	24
4	EASR	AECON CONSTRUCTION ONTARIO EAST LIMITED	campeau campeau DR Kanata ON K2T 0K5	ENE/44.0	0.62	27
5	BORE		ON	SW/45.6	5.26	27
6	BORE		ON	SW/49.6	4.57	28
7	BORE		ON	SW/52.1	4.57	30
8	WWIS		lot 3 con 1 ON ***Well ID:*** 1503285	SW/52.1	4.57	31
9	ECA	Minto Communities Inc.	Ottawa ON K1P 0B6	ESE/61.9	1.57	35
10	BORE		ON	SW/62.4	5.57	35
11	ECA	Minto Communities Inc.	Ottawa ON K1P 0B6	NW/80.9	-1.44	36
11	ECA	Signature Ridge Developments Inc.	Part of lots 4 & 5, conc 1 & 2 Ottawa ON K2E 7M3	NW/80.9	-1.44	36
12	WWIS		lot 4 con 1 ON ***Well ID:*** 1531238	NW/82.8	-1.44	36
13	EHS		2499 Palladium Drive Ottawa ON	S/104.9	3.57	39

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	BORE		ON	SW/112.2	5.57	40
15	WWIS		Lampean Dr. lot 3 con 1 Ottawa ON ***Well ID:*** 7345830	E/124.0	1.26	41
16	PINC	TRUELOCK INTERLOCK INC	348 BRETTONWOOD RIDGE,,KANATA, ON,K2T 0H8,CA ON	WSW/141.8	3.57	44
17	PTTW	Minto Comminities Inc.	S1 Site Servicing S2 Basement Excavation S3 TSWMF Extension S4 Ultimate SWMP S5 Site Servicing S6 Basement Excavation S7 Site Servicing S8 Basement Excavation S9 Site Servicing 370 Huntmar Drive, Ottawa CITY OF OTTAWA ON	W/142.6	1.14	44
17	ECA	Minto Communities Inc.	370 Huntmar Dr Part of Lot 3 Concession 1 Ottawa ON K1P 0B6	W/142.6	1.14	45
17	ECA	Minto Communities Inc.	370 Huntmar Dr Ottawa ON K1P 0B6	W/142.6	1.14	45
18	BORE		ON	SSW/157.6	6.87	45
19	WWIS		lot 3 con 1 ON ***Well ID:*** 1503019	SW/175.7	5.57	46
20	BORE		ON	SSW/204.9	6.70	49
21	BORE		ON	SSW/216.4	6.57	50
22	BORE		ON	SSW/216.8	6.57	52
23	BORE		ON	SSW/219.5	6.57	53

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
24	BORE		ON	SSW/219.5	6.57	54
25	BORE		ON	SSW/221.8	6.57	55
26	EBR	Taggart Commercial Developments Ltd.	311, 345, and 375 Didsbury Road Campeau Drive OTTAWA ON	ENE/240.3	2.57	56
26	PTTW	Taggart Commercial Developments Ltd.	311, 345, and 375 Didsbury Road Campeau Drive Extension Roger Neilson Way City of Ottawa, Ontario CITY OF OTTAWA ON	ENE/240.3	2.57	56
27	BORE		ON	SSW/251.1	6.57	57
28	BORE		ON	SSW/252.6	7.41	58
29	GEN	Thomas Cavanaugh Construction Ltd.	410 Huntmar Rd Ottawa ON	WSW/260.0	5.60	59
30	BORE		ON	S/276.6	6.57	59
31	BORE		ON	S/280.7	6.88	60
32	BORE		ON	SSW/283.2	6.88	61
33	BORE		ON	S/284.6	6.88	62
34	BORE		ON	S/285.5	6.88	64

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
35	BORE		ON	SSW/286.4	6.88	65
36	EHS		Huntmar Drive Ottawa ON	SW/290.5	7.26	67
36	EHS		Huntmar Drive Ottawa ON	SW/290.5	7.26	67
36	EHS		Huntmar Drive Ottawa ON	SW/290.5	7.26	67
36	EHS		Huntmar Drive Ottawa ON	SW/290.5	7.26	67
36	EHS		Huntmar Drive Ottawa ON	SW/290.5	7.26	67
37	PTTW	RioCan Management Inc.	333 Huntmar Drive, City of Ottawa, Ontario CITY OF OTTAWA ON	SW/292.5	7.14	68
37	ECA	RioCan Management Inc.	333 Huntmar Dr Ottawa ON M4P 1E4	SW/292.5	7.14	68
37	ECA	West Ottawa Land Holdings Inc. and West Ottawa Land Holdings (2) Inc.	333 Huntmar Dr Part Lots 3 and 4, Concession 1 Ottawa ON K1V 8Y3	SW/292.5	7.14	68
37	ECA	RioCan Management Inc.	333 Huntmar Dr Ottawa ON M4P 1E4	SW/292.5	7.14	69
37	ECA	RioCan Management Inc.	333 Huntmar Dr Ottawa ON M4P 1E4	SW/292.5	7.14	69

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 21 BORE site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	0.0	1
	ON	45.6	5
	ON	49.6	6
	ON	52.1	7
	ON	62.4	10
	ON	112.2	14
	ON	157.6	18
	ON	204.9	20
	ON	216.4	21

Site	Address	Distance (m)	Map Key
	ON	216.8	22
	ON	219.5	23
	ON	219.5	24
	ON	221.8	25
	ON	251.1	27
	ON	252.6	28
	ON	276.6	30
	ON	280.7	31
	ON	283.2	32
	ON	284.6	33
	ON	285.5	34
	ON	286.4	35

Site	Address	Distance (m)	Map Key

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011- Jun 30, 2021 has found that there are 1 EASR site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
AECON CONSTRUCTION ONTARIO EAST LIMITED	campeau campeau DR Kanata ON K2T 0K5	44.0	4

EBR - Environmental Registry

A search of the EBR database, dated 1994- Jul 31, 2021 has found that there are 1 EBR site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Taggart Commercial Developments Ltd.	311, 345, and 375 Didsbury Road Campeau Drive OTTAWA ON	240.3	26

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Jun 30, 2021 has found that there are 9 ECA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Minto Communities Inc.	Ottawa ON K1P 0B6	61.9	9
Signature Ridge Developments Inc.	Part of lots 4 & 5, conc 1 & 2 Ottawa ON K2E 7M3	80.9	11
Minto Communities Inc.	Ottawa ON K1P 0B6	80.9	11
Minto Communities Inc.	370 Huntmar Dr Ottawa ON K1P 0B6	142.6	17

Site	Address	Distance (m)	Map Key
Minto Communities Inc.	370 Huntmar Dr Part of Lot 3 Concession 1 Ottawa ON K1P 0B6	142.6	17
RioCan Management Inc.	333 Huntmar Dr Ottawa ON M4P 1E4	292.5	37
RioCan Management Inc.	333 Huntmar Dr Ottawa ON M4P 1E4	292.5	37
West Ottawa Land Holdings Inc. and West Ottawa Land Holdings (2) Inc.	333 Huntmar Dr Part Lots 3 and 4, Concession 1 Ottawa ON K1V 8Y3	292.5	37
RioCan Management Inc.	333 Huntmar Dr Ottawa ON M4P 1E4	292.5	37

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 6 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2499 Palladium Drive Ottawa ON	104.9	13
	Huntmar Drive Ottawa ON	290.5	36
	Huntmar Drive Ottawa ON	290.5	36
	Huntmar Drive Ottawa ON	290.5	36

Site	Address	Distance (m)	Map Key
	Huntmar Drive Ottawa ON	290.5	36
	Huntmar Drive Ottawa ON	290.5	36

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 1 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Thomas Cavanaugh Construction Ltd.	410 Huntmar Rd Ottawa ON	260.0	29

PINC - Pipeline Incidents

A search of the PINC database, dated May 31, 2021 has found that there are 1 PINC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
TRUELOCK INTERLOCK INC	348 BRETTONWOOD RIDGE,,KANATA,ON, K2T 0H8,CA ON	141.8	16

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994- Jul 31, 2021 has found that there are 3 PTTW site(s) within approximately 0.30 kilometers of the project property.

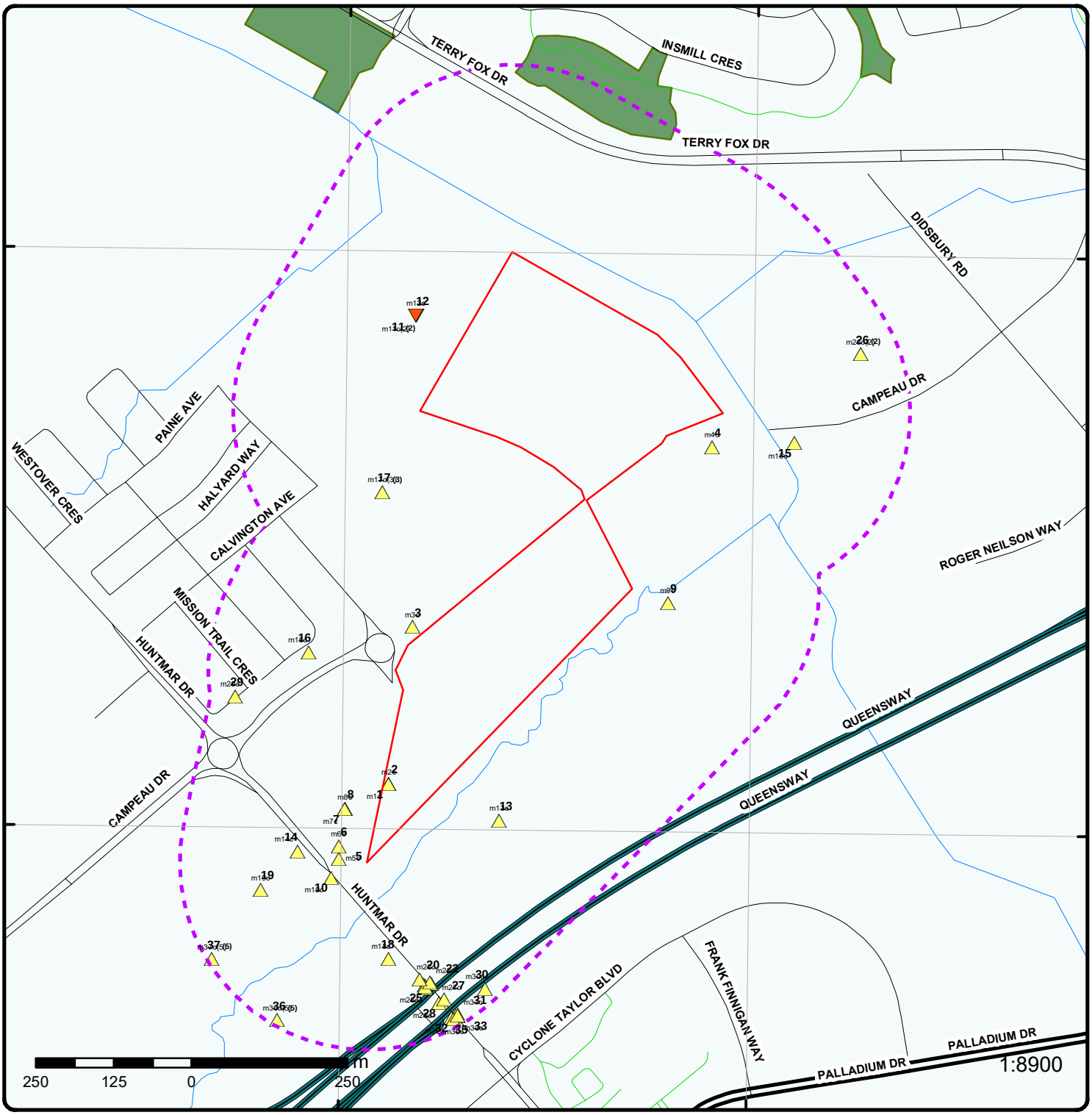
Site	Address	Distance (m)	Map Key
Minto Comminities Inc.	S1 Site Servicing S2 Basement Excavation S3 TSWMF Extension S4 Ultimate SWMP S5 Site Servicing S6 Basement Excavation S7 Site Servicing S8 Basement Excavation S9 Site Servicing 370 Huntmar Drive, Ottawa CITY OF OTTAWA ON	142.6	17
Taggart Commercial Developments Ltd.	311, 345, and 375 Didsbury Road Campeau Drive Extension Roger Neilson Way City of Ottawa, Ontario CITY OF OTTAWA ON	240.3	26

Site	Address	Distance (m)	Map Key
RioCan Management Inc.	333 Huntmar Drive, City of Ottawa, Ontario CITY OF OTTAWA ON	292.5	37

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 6 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 3 con 1 ON ***Well ID:*** 1503284	0.0	2
	Campeau Dr. lot 3 con 1 Ottawa ON ***Well ID:*** 7345832	18.3	3
	lot 3 con 1 ON ***Well ID:*** 1503285	52.1	8
	lot 4 con 1 ON ***Well ID:*** 1531238	82.8	12
	Lampean Dr. lot 3 con 1 Ottawa ON ***Well ID:*** 7345830	124.0	15
	lot 3 con 1 ON ***Well ID:*** 1503019	175.7	19



Map: 0.3 Kilometer Radius

Order Number: 21091500316

Address: 370-450 Huntmar Drive, Ottawa, ON

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

Source: © 2015 DMTI Spatial Inc.

75°55'30"W

45°18'N

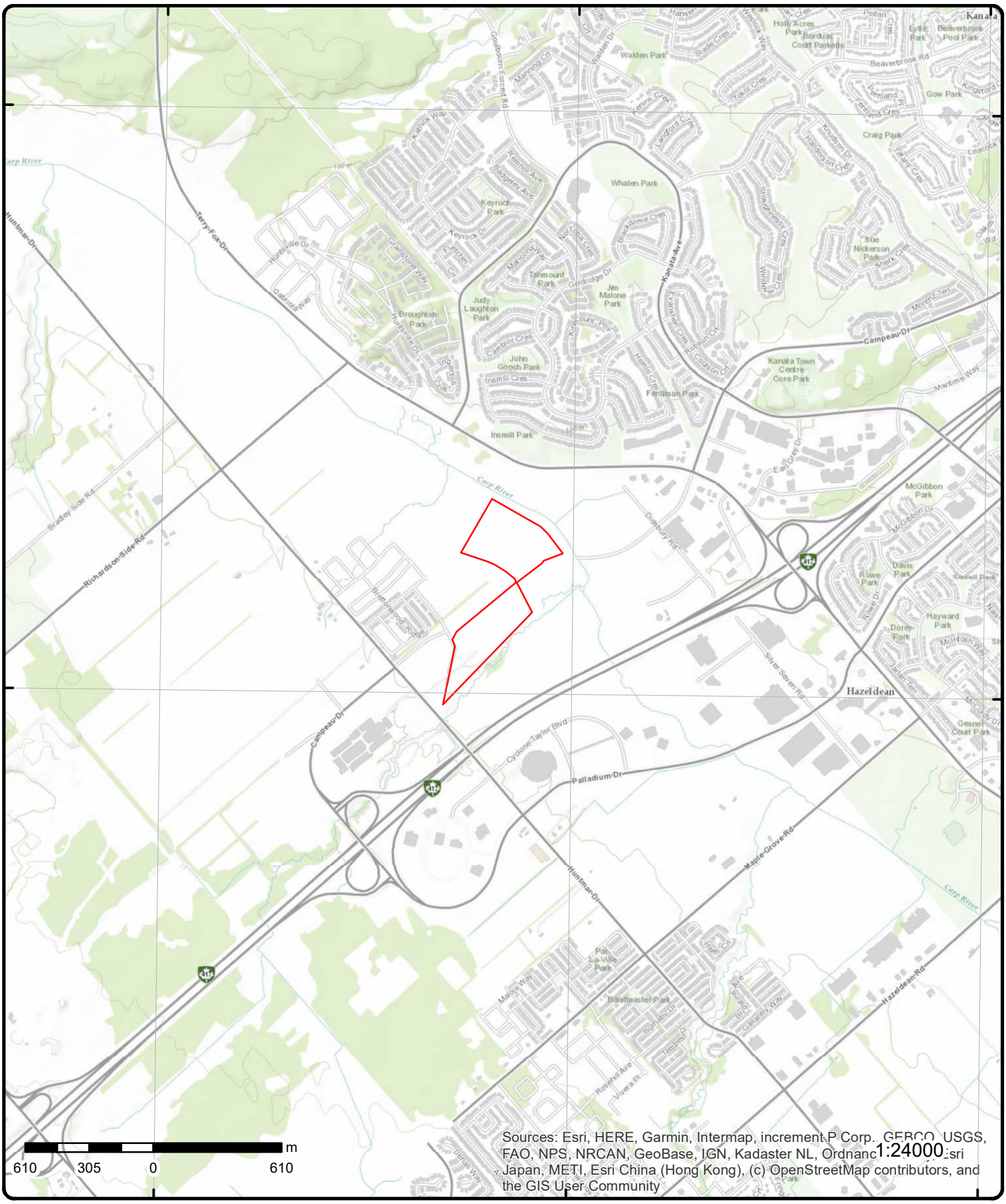
45°18'N

Aerial **Year: 2020**

Order Number: 21091500316

Address: 370-450 Huntmar Drive, Ottawa, ON

Source: ESRI World Imagery



Topographic Map

Address: 370-450 Huntmar Drive, ON

Source: ESRI World Topographic Map

Order Number: 21091500316

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SW/0.0	96.2 / 3.87	ON	BORE

Borehole ID: 609667
OGF ID: 215511283
Status:
Type: Borehole
Use:
Completion Date: AUG-1962
Static Water Level: -14.0
Primary Water Use:
Sec. Water Use:
Total Depth m: 21.9
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 99.1
Elev Reliabil Note:
DEM Ground Elev m: 98.3
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: 45.300647
Longitude DD: -75.932367
UTM Zone: 18
Easting: 426901
Northing: 5016772
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218383769
Top Depth: 0
Bottom Depth: 18.3
Material Color: Blue
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. BLUE.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218383770
Top Depth: 18.3
Bottom Depth: 21.3
Material Color:
Material 1:
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: HARDPAN.

Mat Consistency: Hard
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218383771
Top Depth: 21.3
Bottom Depth: 21.9
Material Color: Grey
Material 1: Gravel
Material 2:
Material 3:

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:

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

Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: GRAVEL. 00072GREY. 00064T 372.0 FEET.LIMESTONE. SEISMIC VELOCITY = 13000. BEDRO **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

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: 02175 NTS_Sheet:
Confiden 1:

Source List

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		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

2	1 of 1	SW/0.0	96.2 / 3.87	lot 3 con 1 ON	WWIS

Well ID:	1503284	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	9/5/1962
Sec. Water Use:	Domestic	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4824
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	MARCH TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	003
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503284.pdf

Additional Detail(s) (Map)

Well Completed Date:	1962/08/23
Year Completed:	1962
Depth (m):	21.9456
Latitude:	45.3006457541427
Longitude:	-75.9323665225599
Path:	150\1503284.pdf

Bore Hole Information

Bore Hole ID:	10025327	**Elevation:**	98.296928
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	o	**East83:**	426900.60
Code OB Desc:	Overburden	**North83:**	5016772.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	23-Aug-1962 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

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

Overburden and Bedrock Materials Interval

Formation ID:	930996475
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	70.0
Formation End Depth:	72.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996474
Layer:	2
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996473
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503284
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10573897
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043407
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 72
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991503284
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 15.0
Recommended Pump Depth: 30.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933456169
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 72.0
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 1	SW/18.3	94.7 / 2.37	Campeau Dr. lot 3 con 1 Ottawa ON	WWIS

Well ID: 7345832
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z298290
Tag: A274806
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 10/30/2019
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: Campeau Dr.
County: OTTAWA
Municipality: MARCH TOWNSHIP
Site Info:
Lot: 003
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2019/09/12
Year Completed: 2019
Depth (m): 6.1
Latitude: 45.3029178158019
Longitude: -75.9319139635601
Path:

Bore Hole Information

Bore Hole ID: 1007696133
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12-Sep-2019 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 426939.00
North83: 5017024.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1007881173
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06

Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 4.570000171661377
Formation End Depth: 6.099999904632568
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1007881172
Layer: 3
Color: 8
General Color: BLACK
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 2.130000114440918
Formation End Depth: 4.570000171661377
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1007881170
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.0
Formation End Depth: 0.3100000023841858
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1007881171
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.3100000023841858
Formation End Depth: 2.130000114440918
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007882605

Layer: 2
Plug From: 0.310000002384186
Plug To: 2.74000000953674
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007882606
Layer: 3
Plug From: 2.74000000953674
Plug To: 6.09999990463257
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007882604
Layer: 1
Plug From: 0
Plug To: 0.310000002384186
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1007884325
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1007879452
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1007885524
Layer: 1
Slot: 10
Screen Top Depth: 3.09999990463257
Screen End Depth: 6.09999990463257
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03000020980835

Results of Well Yield Testing

Pump Test ID: 1007886351
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:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1007883612
Diameter:	11.430000305175781
Depth From:	0.0
Depth To:	6.099999904632568
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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4 | ***1 of 1*** | ***ENE/44.0*** | ***92.9 / 0.62*** | ***AECON CONSTRUCTION ONTARIO EAST LIMITED***
campeau campeau DR
Kanata ON K2T 0K5 | ***EASR***

Approval No:	R-009-8111785305	**SWP Area Name:**	Mississippi Valley
Status:	REGISTERED	**MOE District:**	Ottawa
Date:	2019-12-04	**Municipality:**	Kanata
Record Type:	EASR	**Latitude:**	45.30555556
Link Source:	MOFA	**Longitude:**	-75.92583333
Project Type:	Water Taking - Construction Dewatering	**Geometry X:**	
Full Address:		**Geometry Y:**	
Approval Type:	EASR-Water Taking - Construction Dewatering		
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2197913		

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5 | ***1 of 1*** | ***SW/45.6*** | ***97.6 / 5.26*** | ***ON*** | ***BORE***

Borehole ID:	609657	**Inclin FLG:**	No
OGF ID:	215511273	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:		**Municipality:**	
Static Water Level:	1.5	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.299558
Total Depth m:	-999	**Longitude DD:**	-75.933369
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	426821
Drill Method:		**Northing:**	5016652
Orig Ground Elev m:	97.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	99.2		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218383741	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	9.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	

Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218383744	**Mat Consistency:**	
Top Depth:	21.3	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE. SEISMIC VELOCITY = 13000. BEDROCK. SEISMIC VELOCITY = 17000. 0001802 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218383743	**Mat Consistency:**	
Top Depth:	15.8	**Material Moisture:**	
Bottom Depth:	21.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Boulders	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BOULDERS,SAND.		

Geology Stratum ID:	218383742	**Mat Consistency:**	
Top Depth:	9.1	**Material Moisture:**	
Bottom Depth:	15.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Gravel	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRAVEL,SAND. WATER STABLE AT 315.0 FEET.		

Source

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:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 021650 NTS_Sheet: 31G05D		
Confiden 1:	Reliable information but incomplete.		

Source List

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		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	1 of 1	SW/49.6	96.9 / 4.57	ON	BORE

Borehole ID:	609658	**Inclin FLG:**	No
OGF ID:	215511274	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:		**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.299738
Total Depth m:	-999	**Longitude DD:**	-75.933372
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	426821
Drill Method:		**Northing:**	5016672
Orig Ground Elev m:	100	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	99		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218383748	**Mat Consistency:**	
Top Depth:	15.2	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE. BOULDERS,SAND. BEDROCK,LIMESTONE. SEISMIC VELOCITY = 13000. BEDROC **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218383746	**Mat Consistency:**	
Top Depth:	12.8	**Material Moisture:**	
Bottom Depth:	13.1	**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.		

Geology Stratum ID:	218383745	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	12.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218383747	**Mat Consistency:**	
Top Depth:	13.1	**Material Moisture:**	
Bottom Depth:	15.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	

Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: CLAY.

Source

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:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 021660 NTS_Sheet: 31G05D
Confiden 1: Reliable information but incomplete.

Source List

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		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

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7 **1 of 1** **SW/52.1** **96.9 / 4.57** **ON** **BORE**

Borehole ID:	609663	**Inclin FLG:**	No
OGF ID:	215511279	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	MAY-1964	**Municipality:**	
Static Water Level:	-14.0	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.300279
Total Depth m:	41.5	**Longitude DD:**	-75.933253
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	426831
Drill Method:		**Northing:**	5016732
Orig Ground Elev m:	99.1	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	99		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218383759	**Mat Consistency:**	
Top Depth:	9.1	**Material Moisture:**	
Bottom Depth:	15.8	**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: 218383760 **Mat Consistency:**

Top Depth:	15.8	**Material Moisture:**	
Bottom Depth:	21.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Boulders	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BOULDERS,SAND.		

Geology Stratum ID:	218383758	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	9.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218383761	**Mat Consistency:**	
Top Depth:	21.3	**Material Moisture:**	
Bottom Depth:	41.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE. 00136BLE AT 372.0 FEET.LIMESTONE. SEISMIC VELOCITY = 13000. BEDROCK. SEI **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

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: 02171 NTS_Sheet:		
Confiden 1:			

Source List

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		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	1 of 1	SW/52.1	96.9 / 4.57	lot 3 con 1 ON	WWIS

Well ID:	1503285	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	7/6/1964
Sec. Water Use:	Domestic	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1802
Casing Material:		**Form Version:**	1

Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	MARCH TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	003
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503285.pdf

Additional Detail(s) (Map)

Well Completed Date:	1964/05/23
Year Completed:	1964
Depth (m):	41.4528
Latitude:	45.3002784524504
Longitude:	-75.9332533313542
Path:	150\1503285.pdf

Bore Hole Information

Bore Hole ID:	10025328	**Elevation:**	98.974555
DP2BR:	70.00	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	426830.60
Code OB Desc:	Bedrock	**North83:**	5016732.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	23-May-1964 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930996476
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 930996479
Layer: 4
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 136.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930996477
Layer: 2
Color:
General Color:
Mat1: 07
Most Common Material: QUICKSAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 52.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930996478
Layer: 3
Color:
General Color:
Mat1: 13
Most Common Material: BOULDERS
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 52.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503285
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10573898
Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID:	930043409
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	85
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930043410
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	136
Casing Diameter:	3
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930043408
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	52
Casing Diameter:	3
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991503285
Pump Set At:	
Static Level:	5.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	40.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933456170
Layer:	1
Kind Code:	3

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

Kind: SULPHUR
Water Found Depth: 136.0
Water Found Depth UOM: ft

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9 **1 of 1** **ESE/61.9** **93.9 / 1.57** **Minto Communities Inc.** **ECA**

Ottawa ON K1P 0B6

Approval No: 5440-9W3SZT
Approval Date: 2015-05-01
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: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6747-9VVQRL-14.pdf

MOE District: Ottawa
City:
Longitude: -75.9267
Latitude: 45.3033
Geometry X:
Geometry Y:

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10 **1 of 1** **SW/62.4** **97.9 / 5.57** **ON** **BORE**

Borehole ID: 847949
OGF ID: 215589606
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 20-DEC-1971
Static Water Level: 1.5
Primary Water Use:
Sec. Water Use:
Total Depth m: 12.8
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Diamond Drill
Orig Ground Elev m: 97.7
Elev Reliabil Note:
DEM Ground Elev m: 98.7
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: ROAD
Township: HUNTLEY
Latitude DD: 45.299286
Longitude DD: -75.933525
UTM Zone: 18
Easting: 426808
Northing: 5016622
Location Accuracy:
Accuracy: Within 10 metres

Borehole Geology Stratum

Geology Stratum ID: 6559353
Top Depth: 0
Bottom Depth: 1.5
Material Color: Brown
Material 1: Fill
Material 2: Clay
Material 3: Silt
Material 4: Boulders
Gsc Material Description:
Stratum Description: FILL - SILTY CLAY WITH OCC. BOULDER. DENSE, BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency: Dense
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 6559354
Top Depth: 1.5
Bottom Depth: 8.8

Mat Consistency: Soft
Material Moisture:
Material Texture:

Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILTY CLAY, SOFT TO STIFF, GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6559355	**Mat Consistency:**	Compact
Top Depth:	8.8	**Material Moisture:**	
Bottom Depth:	12.8	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Silt - Sand - Gravel	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	HET.MIX.OF SILT, SAND AND GRAVEL, WITH SOME CLAY. GLACIAL TILL, COMPACT TO VERY DENSE, GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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11 | ***1 of 2*** | ***NW/80.9*** | ***90.9 / -1.44*** | ***Minto Communities Inc.*** | ***ECA***

Ottawa ON K1P 0B6

Approval No:	7204-93USB8	**MOE District:**	Ottawa
Approval Date:	2013-01-15	**City:**	
Status:	Revoked and/or Replaced	**Longitude:**	-75.9319
Record Type:	ECA	**Latitude:**	45.3074
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Mississippi Valley	**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Minto Communities Inc.		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0827-8YCLVT-14.pdf		

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11 | ***2 of 2*** | ***NW/80.9*** | ***90.9 / -1.44*** | ***Signature Ridge Developments Inc.*** ***Part of lots 4 & 5, conc 1 & 2*** ***Ottawa ON K2E 7M3*** | ***ECA***

Approval No:	6115-4X6KDR	**MOE District:**	Ottawa
Approval Date:	2001-06-13	**City:**	
Status:	Approved	**Longitude:**	-75.9319
Record Type:	ECA	**Latitude:**	45.3074
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Mississippi Valley	**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Signature Ridge Developments Inc.		
Address:	Part of lots 4 & 5, conc 1 & 2		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4084-4X2N7T-14.pdf		

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12 | ***1 of 1*** | ***NW/82.8*** | ***90.9 / -1.44*** | ***lot 4 con 1*** ***ON*** | ***WWIS***

Well ID:	1531238	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/21/2000
Sec. Water Use:		**Selected Flag:**	True

Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3323
Casing Material:		***Form Version:***	1
Audit No:	221151	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	MARCH TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1531238.pdf

Additional Detail(s) (Map)

Well Completed Date:	2000/07/04
Year Completed:	2000
Depth (m):	12.8016
Latitude:	45.3074094824517
Longitude:	-75.9319212340599
Path:	153\1531238.pdf

Bore Hole Information

Bore Hole ID:	10052772	***Elevation:***	91.060348
DP2BR:	14.00	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	426944.20
Code OB Desc:	Bedrock	***North83:***	5017523.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	04-Jul-2000 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931077917
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	15
Mat2 Desc:	LIMESTONE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	14.0
Formation End Depth:	42.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931077916
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	14.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933116410
Layer:	1
Plug From:	22
Plug To:	0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961531238
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10601342
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930092279
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991531238
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	42.0
Recommended Pump Depth:	15.0
Pumping Rate:	30.0

Flowing Rate:	
Recommended Pump Rate:	30.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934121200
Test Type:	Recovery
Test Duration:	15
Test Level:	8.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934656990
Test Type:	Recovery
Test Duration:	45
Test Level:	6.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934396611
Test Type:	Recovery
Test Duration:	30
Test Level:	6.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934913882
Test Type:	Recovery
Test Duration:	60
Test Level:	6.0
Test Level UOM:	ft

Water Details

Water ID:	933491620
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	35.0
Water Found Depth UOM:	ft

13	*1 of 1*	*S/104.9*	*95.9 / 3.57*	***2499 Palladium Drive Ottawa ON***	***EHS***

Order No:	20071223001	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	CAN - Custom Report	***Client Prov/State:***	
Report Date:	1/7/2008	***Search Radius (km):***	0.25
Date Received:	12/23/2007	***X:***	-75.930101
Previous Site Name:		***Y:***	45.30014

Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps And /or Site Plans

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14 ***1 of 1*** ***SW/112.2*** ***97.9 / 5.57*** ***ON*** ***BORE***

Borehole ID:	848698	***Inclin FLG:***	No
OGF ID:	215590318	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	02-JUN-1992	***Municipality:***	
Static Water Level:		***Lot:***	LOT 3
Primary Water Use:		***Township:***	HUNTLEY
Sec. Water Use:		***Latitude DD:***	45.299659
Total Depth m:	.5	***Longitude DD:***	-75.934207
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	426755
Drill Method:	Power auger	***Northing:***	5016664
Orig Ground Elev m:		***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	98.9		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6561906	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	0	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	Asphalt
Material 1:	Asphalt	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	40mm ASPHALT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6561908	***Mat Consistency:***	
Top Depth:	.5	***Material Moisture:***	
Bottom Depth:	.5	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	STIFF BROWN SILTY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6561907	***Mat Consistency:***	Very Dense
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.5	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Gravel	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	VERY DENSE BROWN SAND AND GRAVEL TRACE SILT BASE AND SUBBASE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	1 of 1	E/124.0	93.6 / 1.26	Lampean Dr. lot 3 con 1 Ottawa ON	WWIS

Well ID: 7345830
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use:
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z298288
Tag: A274804
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 10/30/2019
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: Lampean Dr.
County: OTTAWA
Municipality: MARCH TOWNSHIP
Site Info:
Lot: 003
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2019/09/12
Year Completed: 2019
Depth (m): 4.57
Latitude: 45.3056273186699
Longitude: -75.9241517478731
Path:

Bore Hole Information

Bore Hole ID: 1007696127
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12-Sep-2019 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 427551.00
North83: 5017318.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1007881164
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28

Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.3100000023841858
Formation End Depth: 2.440000057220459
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1007881165
Layer: 3
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 28
Mat2 Desc: SAND
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 2.440000057220459
Formation End Depth: 4.570000171661377
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1007881163
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 0.3100000023841858
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007882598
Layer: 1
Plug From: 0
Plug To: 0.310000002384186
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007882599
Layer: 2
Plug From: 0.310000002384186
Plug To: 1.22000002861023
Plug Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID:	1007882600
Layer:	3
Plug From:	1.22000002861023
Plug To:	4.57000017166138
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1007884323
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1007879450
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1007885522
Layer:	1
Slot:	10
Screen Top Depth:	1.51999998092651
Screen End Depth:	4.57000017166138
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03000020980835

Results of Well Yield Testing

Pump Test ID:	1007886349
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:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1007883610
Diameter:	11.430000305175781
Depth From:	0.0
Depth To:	4.570000171661377
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	1 of 1	WSW/141.8	95.9 / 3.57	TRUELOCK INTERLOCK INC 348 BRETTONWOOD RIDGE,,KANATA,ON,K2T 0H8,CA ON	PINC

Incident ID:
Incident No: 1409998
Incident Reported Dt: 6/5/2014
Type: FS-Pipeline Incident
Status Code:
Tank Status: Pipeline Damage Reason Est
Task No: 5050468
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt: 2014/06/05
Depth:
Pipe Material:
Fuel Category: Natural Gas
Health Impact:
Environment Impact:
Property Damage: Yes
Service Interrupt:
Enforce Policy: Yes
Public Relation:
Pipeline System:
PSIG:
Attribute Category: FS-Perform P-line Inc Invest
Regulator Location:
Method Details: E-mail
Customer Acct Name: TRUELOCK INTERLOCK INC
Incident Address: 348 BRETTONWOOD RIDGE,,KANATA,ON,K2T 0H8,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary: 348 BRETTONWOOD RIDGE, KANATA - PIPELINE HIT - 1/2"
Reported By: Jeff Stiles - Enbridge
Affiliation:
Occurrence Desc:
Damage Reason: Excavation practices not sufficient
Notes:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	1 of 3	W/142.6	93.4 / 1.14	Minto Comminities Inc. S1 Site Servicing S2 Basement Excavation S3 TSWMF Extension S4 Ultimate SWMP S5 Site Servicing S6 Basement Excavation S7 Site Servicing S8 Basement Excavation S9 Site Servicing 370 Huntmar Drive, Ottawa CITY OF OTTAWA ON	PTTW

EBR Registry No: 012-2476
Ministry Ref No: 7772-9NEJ4P
Notice Type: Instrument Decision
Notice Stage:
Notice Date: November 06, 2014
Proposal Date: August 29, 2014
Year: 2014
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Minto Comminities Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 180 Kent Street , 200, Ottawa Ontario, Canada K1P 0B6
Comment Period:
URL:
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

S1 Site Servicing S2 Basement Excavation S3 TSWMF Extension S4 Ultimate SWMP S5 Site Servicing S6 Basement Excavation S7 Site Servicing S8 Basement Excavation S9 Site Servicing 370 Huntmar Drive, Ottawa CITY OF OTTAWA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	2 of 3	W/142.6	93.4 / 1.14	Minto Communities Inc. 370 Huntmar Dr Part of Lot 3 Concession 1 Ottawa ON K1P 0B6	ECA

Approval No:	3488-9W3RBH	**MOE District:**	
Approval Date:	2015-05-01	**City:**	
Status:	Revoked and/or Replaced	**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:	Minto Communities Inc.		
Address:	370 Huntmar Dr Part of Lot 3 Concession 1		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5834-9VVNXR-14.pdf		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	3 of 3	W/142.6	93.4 / 1.14	Minto Communities Inc. 370 Huntmar Dr Ottawa ON K1P 0B6	ECA

Approval No:	9906-BGBGNF	**MOE District:**	
Approval Date:	2019-10-03	**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:	Minto Communities Inc.		
Address:	370 Huntmar Dr		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/9134-BAMJW5-14.pdf		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	1 of 1	SSW/157.6	99.2 / 6.87	ON	BORE

Borehole ID:	609653	**Inclin FLG:**	No
OGF ID:	215511269	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	AUG-1970	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.298126
Total Depth m:	-999	**Longitude DD:**	-75.932325
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	426901
Drill Method:		**Northing:**	5016492
Orig Ground Elev m:	100	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	98.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218383735	**Mat Consistency:**	
Top Depth:	14.9	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. SEISMIC VELOCITY = 13000. BEDROCK. SEISMIC VELOCITY = 17000. 0001802203600000005 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218383733	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED. SEISMIC VELOCITY = 2000.		

Geology Stratum ID:	218383734	**Mat Consistency:**	
Top Depth:	1.8	**Material Moisture:**	
Bottom Depth:	14.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED. SEISMIC VELOCITY = 4600.		

Source

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:	L	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 02161 NTS_Sheet:		
Confiden 1:	Gives some indication of sub-surface condition but material is unknown.		

Source List

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		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	1 of 1	SW/175.7	97.9 / 5.57	lot 3 con 1 ON	WWIS

Well ID:	1503019	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	12/16/1957
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4832

Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	HUNTLEY TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503019.pdf

Additional Detail(s) (Map)

Well Completed Date:	1957/09/05
Year Completed:	1957
Depth (m):	27.1272
Latitude:	45.2990943379958
Longitude:	-75.9349557537594
Path:	150\1503019.pdf

Bore Hole Information

Bore Hole ID:	10025062	***Elevation:***	99.170883
DP2BR:	61.00	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	426695.60
Code OB Desc:	Bedrock	***North83:***	5016602.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05-Sep-1957 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930995797
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930995799
Layer:	3
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	61.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995798
Layer:	2
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	50.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995800
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	61.0
Formation End Depth:	89.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503019
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573632
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930042905
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	62
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930042906
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	89
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991503019
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	27.0
Recommended Pump Depth:	
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933455851
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	87.0
Water Found Depth UOM:	ft

20	*1 of 1*	*SSW/204.9*	*99.0 / 6.70*	*ON*	*BORE*

Borehole ID:	847948	***Inclin FLG:***	No
OGF ID:	215589605	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No

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

Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	05-JUL-1971	**Municipality:**	
Static Water Level:	1.8	**Lot:**	ROAD
Primary Water Use:		**Township:**	HUNTLEY
Sec. Water Use:		**Latitude DD:**	45.297834
Total Depth m:	15.2	**Longitude DD:**	-75.93169
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	426950
Drill Method:	Diamond Drill	**Northing:**	5016459
Orig Ground Elev m:	99.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	104		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6559351	**Mat Consistency:**	Stiff
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	11.9	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Silt - Sand	**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: DESICCATED ZONE, MOTTLED GREY AND BROWN, STIFF TO VERY STIFF, SILTY CLAY, TRACE OF SAND (SENSITIVE), OCC. SILT AND SAND PARTINGS. GREY, FIRM TO STIFF, SILT, GREY, COMPACT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6559350	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Topsoil	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: CLAYEY TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6559352	**Mat Consistency:**	Loose
Top Depth:	11.9	**Material Moisture:**	
Bottom Depth:	15.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Silt - Sand - Gravel	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:		**Depositional Gen:**	glacial
Gsc Material Description:			

Stratum Description: REWORKED ZONE, LOOSE, NET.MIX.SILT, SAND AND GRAVEL, TRACE OF CLAY (GLACIAL TILL), DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.

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21 | ***1 of 1*** | ***SSW/216.4*** | ***98.9 / 6.57*** | ***ON*** | ***BORE***

Borehole ID:	848581	**Inclin FLG:**	No
OGF ID:	215590202	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	08-NOV-1994	**Municipality:**	

Static Water Level:		***Lot:***	ROAD
Primary Water Use:		***Township:***	HUNTLEY
Sec. Water Use:		***Latitude DD:***	45.297754
Total Depth m:	9.9	***Longitude DD:***	-75.931587
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	426958
Drill Method:	Not known	***Northing:***	5016450
Orig Ground Elev m:	100	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	103		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6561466	***Mat Consistency:***	Compact
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	6.4	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Gravel	***Geologic Group:***	
Material 3:	Fill	***Geologic Period:***	
Material 4:	cobble	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	COMPACT TO VERY DENSE, BROWN SAND, TRACE TO SOME GRAVEL: FILL, OCCASIONAL COBBLES **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6561467	***Mat Consistency:***	Compact
Top Depth:	6.4	***Material Moisture:***	
Bottom Depth:	8.4	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Fine Sand	***Geologic Period:***	
Material 4:	Fill	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	COMPACT, BROWN SAND, OCCASIONAL SILT POCKETS, GRADES TO FINE SAND: FILL, SILTY SAND SEAM **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6561465	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.4	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	Asphalt
Material 1:	Asphalt	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	150 MM ASPHALT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6561468	***Mat Consistency:***	Stiff
Top Depth:	8.4	***Material Moisture:***	
Bottom Depth:	9.9	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	STIFF, GREY, SILTY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	1 of 1	SSW/216.8	98.9 / 6.57	ON	BORE

Borehole ID:	847942	**Inclin FLG:**	No
OGF ID:	215589599	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	28-JUN-1971	**Municipality:**	
Static Water Level:	1.7	**Lot:**	ROAD
Primary Water Use:		**Township:**	MARCH
Sec. Water Use:		**Latitude DD:**	45.297791
Total Depth m:	22.6	**Longitude DD:**	-75.931473
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	426967
Drill Method:	Diamond Drill	**Northing:**	5016454
Orig Ground Elev m:	99.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	104		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6559329	**Mat Consistency:**	Stiff
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	11.6	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	DESICCATED ZONE, MOTTLED GREY AND BROWN, STIFF TO VERY STIFF, CLAY TO SILTY CLAY, TRACE OF SAND (SENSITIVE), OCC. SILT PARTINGS THROUGHOUT. GREY, FIRM TO STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6559330	**Mat Consistency:**	Loose
Top Depth:	11.6	**Material Moisture:**	
Bottom Depth:	21	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Silt - Sand - Gravel	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Silt	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	REWORKED ZONE, LOOSE, NET.MIX. OF SILT, SAND AND GRAVEL (GLACIAL TILL), OCC. LAYERS SILTY SAND AND SANDY SILT UP TO 2' THICK THROUGHOUT. GREY, DENSE TO VERY DENSE.		

Geology Stratum ID:	6559328	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Topsoil	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAYEY TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6559331	**Mat Consistency:**	
Top Depth:	21	**Material Moisture:**	
Bottom Depth:	22.6	**Material Texture:**	

Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: BEDROCK - LIMESTONE, SOUND **Note: Many records provided by the department have a truncated [Stratum Description] field.

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23 | **1 of 1** | **SSW/219.5** | **98.9 / 6.57** | **ON** | **BORE**

Borehole ID:	847941	**Inclin FLG:**	No
OGF ID:	215589598	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	24-JUN-1971	**Municipality:**	
Static Water Level:	2.0	**Lot:**	ROAD
Primary Water Use:		**Township:**	HUNTLEY
Sec. Water Use:		**Latitude DD:**	45.297727
Total Depth m:	22.9	**Longitude DD:**	-75.931574
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	426959
Drill Method:	Diamond Drill	**Northing:**	5016447
Orig Ground Elev m:	99.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	103		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6559326	**Mat Consistency:**	Loose
Top Depth:	11.3	**Material Moisture:**	
Bottom Depth:	21.3	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Silt - Sand - Gravel	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	Boulders	**Depositional Gen:**	glacial

Gsc Material Description:
Stratum Description: REWORKED ZONE, LOOSE, NET.MIX. OF SILT, SAND AND GRAVEL, TRACE OF SILT (GLACIAL TILL), GREY, COMPACT TO VERY DENSE, BOULDERY ZONE (BOULDERS UP TO 7in. IN SIZE) **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6559324	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Topsoil	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6559325	**Mat Consistency:**	Stiff
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	11.3	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	

Material 2:	Silt	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:	Sand	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	DESICCATED ZONE, MOTTLED GREY AND BROWN, STIFF TO VERY STIFF, SILTY CLAY TO CLAY (SENSITIVE), TRACE OF SAND, GREY, FIRM TO STIFF.		

Geology Stratum ID:	6559327	**Mat Consistency:**	
Top Depth:	21.3	**Material Moisture:**	
Bottom Depth:	22.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Bedrock	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK-LIMESTONE WITH SHALE INTERBEDS, SOUND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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24 | ***1 of 1*** | ***SSW/219.5*** | ***98.9 / 6.57*** | ***ON*** | ***BORE***

Borehole ID:	848691	**Inclin FLG:**	No
OGF ID:	215590311	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	02-JUN-1992	**Municipality:**	
Static Water Level:		**Lot:**	ROAD
Primary Water Use:		**Township:**	MARCH
Sec. Water Use:		**Latitude DD:**	45.297773
Total Depth m:	3.2	**Longitude DD:**	-75.931447
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	426969
Drill Method:	Power auger	**Northing:**	5016452
Orig Ground Elev m:	102	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	104		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6561884	**Mat Consistency:**	Compact
Top Depth:	.1	**Material Moisture:**	
Bottom Depth:	2.9	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	cobble	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	COMPACT BROWN SAND AND GRAVEL TRACE SILT OCC COBBLES FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6561883	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.1	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Topsoil	**Geologic Formation:**	
Material 2:	Roots	**Geologic Group:**	
Material 3:		**Geologic Period:**	

Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: BROWN TOPSOIL ROOTMAT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 6561885
Top Depth: 2.9
Bottom Depth: 3.2
Material Color: Brown
Material 1: Sand
Material 2: Gravel
Material 3: Fill
Material 4:
Gsc Material Description:
Mat Consistency: Compact
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Stratum Description: COMPACT BROWN SAND TRACE TO SOME GRAVEL FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

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25 **1 of 1** **SSW/221.8** **98.9 / 6.57** **ON** **BORE**

Borehole ID: 848692
OGF ID: 215590312
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 02-JUN-1992
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 3.7
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Power auger
Orig Ground Elev m: 102
Elev Reliabil Note:
DEM Ground Elev m: 103
Concession:
Location D:
Survey D:
Comments:
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: ROAD
Township: HUNTLEY
Latitude DD: 45.297709
Longitude DD: -75.931561
UTM Zone: 18
Easting: 426960
Northing: 5016445
Location Accuracy:
Accuracy: Within 10 metres

Borehole Geology Stratum

Geology Stratum ID: 6561887
Top Depth: .1
Bottom Depth: 2.6
Material Color: Brown
Material 1: Sand
Material 2: Gravel
Material 3: Silt
Material 4: cobble
Gsc Material Description:
Mat Consistency: Compact
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Stratum Description: COMPACT BROWN SAND AND GRAVEL TRACE SILT OCC COBBLES FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 6561886
Top Depth: 0
Bottom Depth: .1
Material Color: Brown
Material 1: Topsoil
Material 2: Roots
Material 3:
Material 4:
Gsc Material Description:
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Stratum Description: BROWN TOPSOIL ROOTMAT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561888	***Mat Consistency:***	Compact
Top Depth:	2.6	***Material Moisture:***	
Bottom Depth:	3.7	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Gravel	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:	cobble	***Depositional Gen:***	

Gsc Material Description:

Stratum Description: COMPACT BROWN SAND AND GRAVEL TRACE SILT FREQUENT COBBLES AND BOULDERS FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

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26 ***1 of 2*** ***ENE/240.3*** ***94.9 / 2.57*** ***Taggart Commercial Developments Ltd.***
311, 345, and 375 Didsbury Road Campeau Drive
OTTAWA ON ***EBR***

EBR Registry No:	012-0280	***Decision Posted:***	
Ministry Ref No:	2450-9CKRE5	***Exception Posted:***	
Notice Type:	Instrument Proposal	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:		***Act 2:***	
Proposal Date:	October 21, 2013	***Site Location Map:***	
Year:	2013		
Instrument Type:	(OWRA s. 34) - Permit to take water		
Off Instrument Name:			
Posted By:			
Company Name:			
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	225 Metcalfe Street , Suite 708, Ottawa Ontario, Canada K2P 1P9		
Comment Period:			
URL:			

Site Location Details:

311, 345, and 375 Didsbury Road Campeau Drive Extension Roger Neilson Way City of Ottawa, Ontario CITY OF OTTAWA

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26 ***2 of 2*** ***ENE/240.3*** ***94.9 / 2.57*** ***Taggart Commercial Developments Ltd.***
311, 345, and 375 Didsbury Road Campeau Drive
Extension Roger Neilson Way City of Ottawa,
Ontario CITY OF OTTAWA
ON ***PTTW***

EBR Registry No:	012-0280	***Decision Posted:***	
Ministry Ref No:	2450-9CKRE5	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	January 24, 2014	***Act 2:***	
Proposal Date:	October 21, 2013	***Site Location Map:***	
Year:	2013		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Taggart Commercial Developments Ltd.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	225 Metcalfe Street , Suite 708, Ottawa Ontario, Canada K2P 1P9		

Comment Period:
URL:

Site Location Details:

311, 345, and 375 Didsbury Road Campeau Drive Extension Roger Neilson Way City of Ottawa, Ontario CITY OF OTTAWA

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27 ***1 of 1*** ***SSW/251.1*** ***98.9 / 6.57*** ***ON*** ***BORE***

Borehole ID:	847944	***Inclin FLG:***	No
OGF ID:	215589601	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	JUN-1971	***Municipality:***	
Static Water Level:	1.4	***Lot:***	ROAD
Primary Water Use:		***Township:***	MARCH
Sec. Water Use:		***Latitude DD:***	45.29755
Total Depth m:	21.6	***Longitude DD:***	-75.931188
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	426989
Drill Method:	Diamond Drill	***Northing:***	5016427
Orig Ground Elev m:	98.8	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	105		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6559338	***Mat Consistency:***	Compact
Top Depth:	11.9	***Material Moisture:***	
Bottom Depth:	20.1	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Till	***Geologic Formation:***	
Material 2:	Silt - Sand - Gravel	***Geologic Group:***	
Material 3:	Clay	***Geologic Period:***	
Material 4:		***Depositional Gen:***	glacial
Gsc Material Description:			
Stratum Description:	REWORKED ZONE, COMPACT, NET.MIX.OF SILT, SAND AND GRAVEL, TRACE OF CLAY (GLACIAL TILL), GREY, COMPACT TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6559339	***Mat Consistency:***	
Top Depth:	20.1	***Material Moisture:***	
Bottom Depth:	21.6	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Limestone	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	BEDROCK - LIMESTONE INTERBEDS OF SHALE, SOUND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6559336	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	

Material 1:	Topsoil	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAYEY TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6559337	**Mat Consistency:**	Stiff
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	11.9	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Silt	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	DESICCATED ZONE, MOTTLED GREY AND BROWN, STIFF TO VERY STIFF, CLAY TO SILTY CLAY, TRACE OF SAND (SENSITIVE), OCC. SILT PARTINGS THROUGHOUT. GREY, FIRM TO STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.		

28 **1 of 1** **SSW/252.6** **99.7 / 7.41** **ON** **BORE**

Borehole ID:	847943	**Inclin FLG:**	No
OGF ID:	215589600	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	28-JUN-1971	**Municipality:**	
Static Water Level:	2.0	**Lot:**	ROAD
Primary Water Use:		**Township:**	HUNTLEY
Sec. Water Use:		**Latitude DD:**	45.297495
Total Depth m:	21.6	**Longitude DD:**	-75.931289
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	426981
Drill Method:	Diamond Drill	**Northing:**	5016421
Orig Ground Elev m:	99.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	104		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6559334	**Mat Consistency:**	Loose
Top Depth:	12.2	**Material Moisture:**	
Bottom Depth:	20.4	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Silt - Sand - Gravel	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:	Sand	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	REWORKED ZONE, LOOSE, NET.MIX.OF SILT, SAND AND GRAVEL, TRACE OF CLAY (GLACIAL TILL), OCC. LAYERS OF SILTY SAND TO SANDY SILT UP TO 3in. THICK BELOW ELEVATION 270. GREY, COMPACT TO VERY DENSE.		

Geology Stratum ID:	6559335	**Mat Consistency:**	
Top Depth:	20.4	**Material Moisture:**	
Bottom Depth:	21.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	

Material 2:	Limestone	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: BEDROCK - LIMESTONE WITH INTERBEDS OF SHALE, SOUND **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6559333	**Mat Consistency:**	Stiff
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	12.2	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: DESICCATED ZONE, MOTTLED GREY AND BROWN, STIFF TO VERY STIFF, CLAY TO SILTY CLAY, TRACE OF SAND (SENSITIVE), OCC. SILT PARTINGS THROUGHOUT, GREY, FIRM TO STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6559332	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Topsoil	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.

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29 | **1 of 1** | **WSW/260.0** | **97.9 / 5.60** | **Thomas Cavanaugh Construction Ltd.**
410 Huntmar Rd
Ottawa ON | **GEN**

Generator No:	ON7832841	**PO Box No:**	
Status:		**Country:**	
Approval Years:	03,04	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

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30 | **1 of 1** | **S/276.6** | **98.9 / 6.57** | **ON** | **BORE**

Borehole ID:	848697	**Inclin FLG:**	No
OGF ID:	215590317	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	20-JUN-1992	**Municipality:**	
Static Water Level:		**Lot:**	LOT 3
Primary Water Use:		**Township:**	MARCH
Sec. Water Use:		**Latitude DD:**	45.29771
Total Depth m:	1.5	**Longitude DD:**	-75.930349
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	427055
Drill Method:	Power auger	**Northing:**	5016444
Orig Ground Elev m:	100	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	100		
Concession:			
Location D:			

Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	6561905	***Mat Consistency:***	Compact
Top Depth:	.4	***Material Moisture:***	
Bottom Depth:	1.5	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Fill	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: COMPACT BROWN SAND TRACE SILT FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561903	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.5	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	Asphalt
Material 1:	Asphalt	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: 50mm ASPHALT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561904	***Mat Consistency:***	Very Dense
Top Depth:	.1	***Material Moisture:***	
Bottom Depth:	.4	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Gravel	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: VERY DENSE BROWN SAND AND GRAVEL TRACE SILT BASE AND SUBBASE **Note: Many records provided by the department have a truncated [Stratum Description] field.

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31 ***1 of 1*** ***S/280.7*** ***99.2 / 6.88*** ***ON*** ***BORE***

Borehole ID:	848696	***Inclin FLG:***	No
OGF ID:	215590316	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	02-JUN-1992	***Municipality:***	
Static Water Level:		***Lot:***	ROAD
Primary Water Use:		***Township:***	MARCH
Sec. Water Use:		***Latitude DD:***	45.297354
Total Depth m:	3.7	***Longitude DD:***	-75.930917
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	427010
Drill Method:	Power auger	***Northing:***	5016405
Orig Ground Elev m:	101	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	103		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6561902	***Mat Consistency:***	
Top Depth:	2.8	***Material Moisture:***	
Bottom Depth:	3.7	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Roots	***Geologic Period:***	
Material 4:	Topsoil	***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: FIRM SILTY CLAY INTERMIXED WITH ROOTS AND TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561901	***Mat Consistency:***	Compact
Top Depth:	1.8	***Material Moisture:***	
Bottom Depth:	2.8	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Granite	***Geologic Period:***	
Material 4:	Fill	***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: COMPACT BROWN SAND TRACE SILT AND GRAVEL FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561898	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.2	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Topsoil	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: BROWN TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561899	***Mat Consistency:***	Compact
Top Depth:	.2	***Material Moisture:***	
Bottom Depth:	1.2	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Gravel	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:	Fill	***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: COMPACT BROWN SAND AND GRAVEL TRACE OF SILT FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561900	***Mat Consistency:***	Compact
Top Depth:	1.2	***Material Moisture:***	
Bottom Depth:	1.8	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Gravel	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:	Cobbles - Bolders	***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: COMPACT BROWN SAND AND GRAVEL TRACE OF SILT OCC COBBLES AND BOULDERS FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

32	***1 of 1***	***SSW/283.2***	***99.2 / 6.88***	***ON***	***BORE***

Borehole ID:	848695	**Inclin FLG:**	No
OGF ID:	215590315	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	02-JUN-1992	**Municipality:**	
Static Water Level:		**Lot:**	ROAD
Primary Water Use:		**Township:**	HUNTLEY
Sec. Water Use:		**Latitude DD:**	45.297281
Total Depth m:	2.5	**Longitude DD:**	-75.931031
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	427001
Drill Method:	Power auger	**Northing:**	5016397
Orig Ground Elev m:	101	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	103		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6561897	**Mat Consistency:**	Compact
Top Depth:	1.4	**Material Moisture:**	
Bottom Depth:	2.5	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Silt - Gravel	**Geologic Group:**	
Material 3:	Boulders	**Geologic Period:**	
Material 4:	Fill	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	COMPACT BROWN SAND SOME TRACE SILT AND GRAVEL FREQUENT BOULDERS FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6561895	**Mat Consistency:**	Compact
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.6	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	Fill	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	COMPACT BROWN SAND AND GRAVEL TRACE SILT FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6561896	**Mat Consistency:**	Compact
Top Depth:	.6	**Material Moisture:**	
Bottom Depth:	1.4	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:	Fill	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	COMPACT BROWN SAND SOME GRAVEL TRACE SILT FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
33	1 of 1	S/284.6	99.2 / 6.88	ON	BORE

Borehole ID:	847946	**Inclin FLG:**	No
OGF ID:	215589603	**SP Status:**	Initial Entry

Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	05-JUL-1971	**Municipality:**	
Static Water Level:	1.2	**Lot:**	ROAD
Primary Water Use:		**Township:**	MARCH
Sec. Water Use:		**Latitude DD:**	45.297318
Total Depth m:	20	**Longitude DD:**	-75.930904
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	427011
Drill Method:	Diamond Drill	**Northing:**	5016401
Orig Ground Elev m:	99.7	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	104		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6559346	**Mat Consistency:**	Compact
Top Depth:	12.2	**Material Moisture:**	
Bottom Depth:	18.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Till	**Geologic Formation:**	
Material 2:	Silt - Sand - Gravel	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Silt	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	REWORKED ZONE, LOOSE, NET.MIX.OF SILT, SAND AND GRAVEL (GLACIAL TILL), OCC. LAYERS OF SILTY SAND TO SANDY SILT UP TO 2in. THICK THROUGHOUT, COMPACT TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6559345	**Mat Consistency:**	Stiff
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	12.2	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Silt	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	DESICCATED ZONE, MOTTLED GREY AND BROWN, STIFF TO VERY STIFF, CLAY TO SILTY CLAY, TRACE OF SAND (SENSITIVE), OCC. PARTINGS AND SEAMS OF SILT UPT TO 2in. THICK THROUGHOUT. GREY, FIRM TO STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6559347	**Mat Consistency:**	
Top Depth:	18.7	**Material Moisture:**	
Bottom Depth:	20	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK - LIMESTONE, SOUND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6559344	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Topsoil	**Geologic Formation:**	
Material 2:		**Geologic Group:**	

Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.

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34 ***1 of 1*** ***S/285.5*** ***99.2 / 6.88*** ***ON*** ***BORE***

Borehole ID:	848580	***Inclin FLG:***	No
OGF ID:	215590201	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	08-NOV-1994	***Municipality:***	
Static Water Level:		***Lot:***	ROAD
Primary Water Use:		***Township:***	MARCH
Sec. Water Use:		***Latitude DD:***	45.297309
Total Depth m:	10	***Longitude DD:***	-75.930904
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	427011
Drill Method:	Not known	***Northing:***	5016400
Orig Ground Elev m:	100	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	104		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6561458	***Mat Consistency:***	Loose
Top Depth:	.4	***Material Moisture:***	
Bottom Depth:	3.9	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Gravel	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:	Gravel	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	LOOSE TO COMPACT, GRAVELLY BROWN SAND GRADING TO SAND, SOME GRAVEL: FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6561460	***Mat Consistency:***	Very Dense
Top Depth:	4.8	***Material Moisture:***	
Bottom Depth:	6.4	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Gravel	***Geologic Group:***	
Material 3:	cobble	***Geologic Period:***	
Material 4:	Fill	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	VERY DENSE TO DENSE, ROWN GRAVELLY SAND, OCCASIONAL COBBLES: FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6561459	***Mat Consistency:***	Very Loose
Top Depth:	3.9	***Material Moisture:***	
Bottom Depth:	4.8	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:	Fill	***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: VERY LOOSE, BROWN SAND, OCCASIONAL POCKETS OF SILTY SAND: FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561461	**Mat Consistency:**	Compact
Top Depth:	6.4	**Material Moisture:**	
Bottom Depth:	7.2	**Material Texture:**	Fine
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Fill	**Geologic Group:**	
Material 3:	Light-coloured	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: COMPACT, LIGHT BROWN, FINE SAND: FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561464	**Mat Consistency:**	Firm
Top Depth:	8.7	**Material Moisture:**	
Bottom Depth:	10	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: FIRM TO VERY STIFF, GREY SILTY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561457	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Asphalt
Material 1:	Asphalt	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: 150 MM ASPHALT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561462	**Mat Consistency:**	Compact
Top Depth:	7.2	**Material Moisture:**	
Bottom Depth:	8	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:	cobble	**Geologic Period:**	
Material 4:	Fill	**Depositional Gen:**	

Gsc Material Description:
Stratum Description: COMPACT TO DENSE, BROWN, GRAVELLY SAND, OCCASIONAL COBBLES: FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561463	**Mat Consistency:**	Compact
Top Depth:	8	**Material Moisture:**	
Bottom Depth:	8.7	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Fill	**Depositional Gen:**	

Gsc Material Description:
Stratum Description: COMPACT, GREY, SILT AND SAND, SOME GRAVEL, TRACE ASHES: FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.

35	1 of 1	SSW/286.4	99.2 / 6.88	ON	BORE

Borehole ID:	847945	***Inclin FLG:***	No
OGF ID:	215589602	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	JUN-1971	***Municipality:***	
Static Water Level:	2.0	***Lot:***	ROAD
Primary Water Use:		***Township:***	HUNTLEY
Sec. Water Use:		***Latitude DD:***	45.297263
Total Depth m:	21	***Longitude DD:***	-75.930992
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	427004
Drill Method:	Diamond Drill	***Northing:***	5016395
Orig Ground Elev m:	99.8	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	104		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6559341	***Mat Consistency:***	Stiff
Top Depth:	.3	***Material Moisture:***	
Bottom Depth:	12.8	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:	Silt	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	DESICCATED ZONE, MOTTLED GREY AND BROWN, STIFF TO VERY STIFF, CLAY TO SILTY CLAY, TRACE OF SAND (SENSITIVE), OCC. SILT PARTINGS THROUGHOUT. GREY, FIRM TO STIFF **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6559340	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Topsoil	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6559342	***Mat Consistency:***	Compact
Top Depth:	12.8	***Material Moisture:***	
Bottom Depth:	19.5	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Till	***Geologic Formation:***	
Material 2:	Silt - Sand - Gravel	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:	Silt	***Depositional Gen:***	glacial
Gsc Material Description:			
Stratum Description:	REWORKED ZONE, LOOSE, NET.MIX.OF SILT, SAND AND GRAVEL (GLACIAL TILL), OCC. LAYERS OF SILTY SAND TO SANDY SILT UP TO 2in. THICK THROUGHOUT, COMPACT TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6559343	***Mat Consistency:***	
Top Depth:	19.5	***Material Moisture:***	
Bottom Depth:	21	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	

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

Material 2:	Limestone	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK - LIMESTONE, INTERBEDS OF SHALE, SOUND **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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36 **1 of 5** **SW/290.5** **99.6 / 7.26** **Huntmar Drive Ottawa ON** **EHS**

Order No:	20200319234	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	24-MAR-20	**Search Radius (km):**	.25
Date Received:	19-MAR-20	**X:**	-75.9345891
Previous Site Name:		**Y:**	45.297219
Lot/Building Size:			
Additional Info Ordered:			

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36 **2 of 5** **SW/290.5** **99.6 / 7.26** **Huntmar Drive Ottawa ON** **EHS**

Order No:	20200319234	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	24-MAR-20	**Search Radius (km):**	.25
Date Received:	19-MAR-20	**X:**	-75.9345891
Previous Site Name:		**Y:**	45.297219
Lot/Building Size:			
Additional Info Ordered:			

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36 **3 of 5** **SW/290.5** **99.6 / 7.26** **Huntmar Drive Ottawa ON** **EHS**

Order No:	20200319234	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	24-MAR-20	**Search Radius (km):**	.25
Date Received:	19-MAR-20	**X:**	-75.9345891
Previous Site Name:		**Y:**	45.297219
Lot/Building Size:			
Additional Info Ordered:			

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36 **4 of 5** **SW/290.5** **99.6 / 7.26** **Huntmar Drive Ottawa ON** **EHS**

Order No:	20200319234	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	24-MAR-20	**Search Radius (km):**	.25
Date Received:	19-MAR-20	**X:**	-75.9345891
Previous Site Name:		**Y:**	45.297219
Lot/Building Size:			
Additional Info Ordered:			

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36 **5 of 5** **SW/290.5** **99.6 / 7.26** **Huntmar Drive Ottawa ON** **EHS**

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

Order No:	20200319234	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	24-MAR-20	**Search Radius (km):**	.25
Date Received:	19-MAR-20	**X:**	-75.9345891
Previous Site Name:		**Y:**	45.297219
Lot/Building Size:			
Additional Info Ordered:			

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37 **1 of 5** **SW/292.5** **99.4 / 7.14** **RioCan Management Inc.** **PTTW**
333 Huntmar Drive, City of Ottawa, Ontario CITY OF OTTAWA
ON

EBR Registry No:	011-9265	**Decision Posted:**	
Ministry Ref No:	0731-986NLG	**Exception Posted:**	
Notice Type:	Instrument Decision	**Section:**	
Notice Stage:		**Act 1:**	
Notice Date:	August 16, 2013	**Act 2:**	
Proposal Date:	May 30, 2013	**Site Location Map:**	
Year:	2013		

Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: RioCan Management Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2300 Yonge Street , Suite 500, Toronto Ontario, Canada M4P 1E4
Comment Period:
URL:

Site Location Details:

333 Huntmar Drive, City of Ottawa, Ontario CITY OF OTTAWA

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37 **2 of 5** **SW/292.5** **99.4 / 7.14** **RioCan Management Inc.** **ECA**
333 Huntmar Dr
Ottawa ON M4P 1E4

Approval No:	3371-9A5GTU	**MOE District:**	
Approval Date:	2013-08-15	**City:**	
Status:	Revoked and/or Replaced	**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: RioCan Management Inc.
Address: 333 Huntmar Dr
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9009-999PHL-14.pdf

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37 **3 of 5** **SW/292.5** **99.4 / 7.14** **West Ottawa Land Holdings Inc. and West Ottawa Land Holdings (2) Inc.** **ECA**
333 Huntmar Dr Part Lots 3 and 4, Concession 1
Ottawa ON K1V 8Y3

Approval No:	6288-A2GGL2	**MOE District:**	

Approval Date:	2015-09-28	**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:	West Ottawa Land Holdings Inc. and West Ottawa Land Holdings (2) Inc.		
Address:	333 Huntmar Dr Part Lots 3 and 4, Concession 1		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2753-9YLJRZ-14.pdf		

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37 **4 of 5** **SW/292.5** **99.4 / 7.14** **RioCan Management Inc.**
333 Huntmar Dr
Ottawa ON M4P 1E4
ECA

Approval No:	4648-A2KQFP	**MOE District:**	
Approval Date:	2015-09-28	**City:**	
Status:	Revoked and/or Replaced	**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:	RioCan Management Inc.		
Address:	333 Huntmar Dr		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2940-9YLLVJ-14.pdf		

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37 **5 of 5** **SW/292.5** **99.4 / 7.14** **RioCan Management Inc.**
333 Huntmar Dr
Ottawa ON M4P 1E4
ECA

Approval No:	8617-AHGRV5	**MOE District:**	
Approval Date:	2017-01-13	**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:	RioCan Management Inc.		
Address:	333 Huntmar Dr		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0142-ABJN8A-14.pdf		

Unplottable Summary

Total: 68 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	Minto Communities Inc.		Ottawa ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	City of Ottawa	Huntmar Dr Carp River Bridge to Old Carp Road, Kanata Ward and West Carleton War	Ottawa ON	
CA		Terry Fox Drive	Kanata ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	City of Ottawa	Terry Fox Drive from Statewood Drive to Second Line Rd	Ottawa ON	
CA	KANATA CITY	TERRY FOX DRIVE	KANATA CITY ON	
CA	Terry Fox Drive Stormwater Management Facility at Realigned Richardson Side Road	Terry Fox Drive	Ottawa ON	
CA		Campeau Drive	Kanata ON	
CA	CANADIAN TIRE REAL ESTATE LTD., GILPAUL	TERRY FOX DR.,GAS BAR SWM FAC.	KANATA CITY ON	
CA	GILPAUL INVESTMENTS LIMITED	CAMPEAU DR., BUSINESS DEPOT	KANATA CITY ON	
CA	BASUTA CORPORATION	PALLADIUM DR.,PT.LOT 1/C-2,SWM	KANATA CITY ON	

CA	KANATA RESEARCH PARK CORP.	TERRY FOX DR.,CROSS KEY, SWM	KANATA CITY ON	
CA	PALLADIUM CORPORATION	PT.LOT 2/CON.1,PALLADIUM DR.	KANATA CITY ON	
CA	PALLADIUM CORPORATION	PALLADIUM DR.,PT.LOT 2/CON.2	KANATA CITY ON	
CA	KANATA CITY	PT.LOT 3/CON.1, TERRY FOX DR.	KANATA CITY ON	
CA	KANATA RESEARCH PARK CORPORATION	TERRY FOX DR. KANATA N. BUS. P	KANATA CITY ON	
CA	GARFORD LTD. AND NOTLAW LTD.-TERRY FOX D	M.T.O. ACCES RD/TERRY FOX DR.	KANATA CITY ON	
CA	GENSTAR DEVELOPMENT COMPANY - CAMPEAU DR	CAMPEAU DR.EXTENSION PH. II	KANATA CITY ON	
CA	TAYLOR DEVELOPMENTS	SHOPPING CEN., TERRY FOX DRIVE	KANATA CITY ON	
CA	CAMPEAU CORPORATION	CAMPEAU DR.	KANATA CITY ON	
CA	KANATA CITY VALLEY-VU REALTY	FUTURE TERRY FOX DR.	KANATA CITY ON	
CA	GENSTAR DEVELOPMENT COMPANY- CAMPEAU DR.	CAMPEAU DR. EXTENSION PH. II	KANATA CITY ON	
CA	CAMPEAU CORPORATION EASEMENT	CAMPEAU DR. CLUSTER 2	KANATA CITY ON	
CA	KANATA CITY VALLEY-VU REALTY FORCEMAIN	FUTURE TERRY FOX DR. P.S.	KANATA CITY ON	
CA	City of Ottawa	Terry Fox Drive from Statewood Drive to Second Line Rd	Ottawa ON	
CA	KANATA CITY KANATA N. BUSINESS PARK	TERRY FOX DRIVE	KANATA CITY ON	
CONV	WEST CARLETON SAND & GRAVEL IN		ON	
CONV	WEST CARLETON SAND & GRAVEL IN		ON	
EBR	Minto Communities		ON	
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	City of Ottawa	Terry Fox Dr	Ottawa ON	K1P 1J1
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6

ECA	Taggart Commercial Developments Ltd.		Ottawa ON	K2P 1P9
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.	(Ottawa Front)	Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.	(Ottawa Front)	Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Thomas Cavanagh Construction Limited		Ottawa ON	K0A 1B0
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Thomas Cavanagh Construction Limited		Ottawa ON	K0A 1B0
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	City of Ottawa	Campeau Dr	Ottawa ON	K2G 6J8
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
PTTW	Minto Communities Inc.		ON	
PTTW	Minto Communities Inc.		ON	
PTTW	Richardson Ridge Inc.	Property of Richardson Ridge Inc. Terry Fox Drive (northeast of Huntsville Drive and between Richardson Side Road and Huntsville Drive), City of Ottawa	CITY OF OTTAWA ON	

PTTW	Thomas Cavanagh Construction Limited		ON
SPL	PUC	TERRY FOX DR PAD TRANSFORMER BY NEWBRIDGE COMM. LTD.	KANATA CITY ON
SPL	Thomas Cavanagh Construction Limited		Ottawa ON
SPL	CITY OF OTTAWA SNOW PLOW<UNOFFICIAL>	TERRY FOX DRIVE AT THE HWY. 417 OVERPASS<UNOFFICIAL>	Ottawa ON
SPL	Waste Services Inc.	Highway 417 East bound West of Terry Fox	Ottawa ON
SPL		Didsburry Road off Terry Fox Drive, Kanata	Ottawa ON
SPL	Thomas Cavanagh Construction Limited		Ottawa ON
SPL	Van's Industrial & Specialty Coatings<UNOFFICIAL>	Terry Fox Drive, Nepean	Ottawa ON

Unplottable Report

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON

Database: ***CA***

Certificate #: 7389-5HYQMW
Application Year: 2004
Issue Date: 2/24/2004
Approval Type: Industrial Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON

Database: ***CA***

Certificate #: 5915-7K9JUV
Application Year: 2008
Issue Date: 10/17/2008
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON

Database: ***CA***

Certificate #: 4624-6CPJGJ
Application Year: 2005
Issue Date: 6/13/2005
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Communities Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3058-7JZKTF

Application Year: 2008
Issue Date: 10/7/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON

Database: ***CA***

Certificate #: 1332-67RGUN
Application Year: 2005
Issue Date: 1/6/2005
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON

Database: ***CA***

Certificate #: 0598-5FTQFY
Application Year: 2002
Issue Date: 11/20/2002
Approval Type: Industrial Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Huntmar Dr Carp River Bridge to Old Carp Road, Kanata Ward and West Carleton War Ottawa ON

Database: ***CA***

Certificate #: 0586-6T6PLK
Application Year: 2006
Issue Date: 9/1/2006
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: ***Database:***
Terry Fox Drive Kanata ON ***CA***

Certificate #:	0854-4JBJN5
Application Year:	00
Issue Date:	4/13/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the Regional Municipality of Ottawa-Carleton
Client Address:	111 Lisgar Street
Client City:	Ottawa
Client Postal Code:	K2P 2L7
Project Description:	Extension of the watermain on Terry Fox Drive from Winchester Drive south to Michael Cowpland Drive, with a 400 mm diameter watermain.
Contaminants:	
Emission Control:	

Site: ***Thomas Cavanagh Construction Limited*** ***Database:***
Ottawa ON ***CA***

Certificate #:	9927-6G8LNP
Application Year:	2005
Issue Date:	9/19/2005
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***City of Ottawa*** ***Database:***
Terry Fox Drive from Statewood Drive to Second Line Rd Ottawa ON ***CA***

Certificate #:	1457-8EQHHL
Application Year:	2011
Issue Date:	4/14/2011
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***KANATA CITY*** ***Database:***
TERRY FOX DRIVE KANATA CITY ON ***CA***

Certificate #:	3-1806-87-
Application Year:	87
Issue Date:	10/5/1987
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	

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

Site: ***Terry Fox Drive Stormwater Management Facility at Realigned Richardson Side Road***
Terry Fox Drive Ottawa ON

Database: ***CA***

Certificate #: 1044-5E9JWT
Application Year: 02
Issue Date: 9/27/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: City of Ottawa
Client Postal Code: K1P 1J1
Project Description: SWM Facility, quality and quantitay control with inlet and outlet sewers
Contaminants:
Emission Control:

Site:
Campeau Drive Kanata ON

Database: ***CA***

Certificate #: 1087-4SZRC5
Application Year: 01
Issue Date: 1/15/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Urbandale Corporation
Client Address: 2193 Arch Street
Client City: OTTAWA
Client Postal Code: K1G 2H5
Project Description: Construction of a watermain on Campeau Drive for the Village Green Subdivision
Contaminants:
Emission Control:

Site: ***CANADIAN TIRE REAL ESTATE LTD., GILPAUL***
TERRY FOX DR.,GAS BAR SWM FAC. KANATA CITY ON

Database: ***CA***

Certificate #: 3-0329-99-
Application Year: 99
Issue Date: 7/26/1999
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***GILPAUL INVESTMENTS LIMITED***
CAMPEAU DR., BUSINESS DEPOT KANATA CITY ON

Database: ***CA***

Certificate #: 3-1224-96-

Application Year: 96
Issue Date: 11/14/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***BASUTA CORPORATION***
PALLADIUM DR.,PT.LOT 1/C-2,SWM KANATA CITY ON

Database: ***CA***

Certificate #: 3-0791-96-
Application Year: 96
Issue Date: 7/26/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***KANATA RESEARCH PARK CORP.***
TERRY FOX DR.,CROSS KEY, SWM KANATA CITY ON

Database: ***CA***

Certificate #: 3-0087-96-
Application Year: 96
Issue Date: 4/1/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***PALLADIUM CORPORATION***
PT.LOT 2/CON.1,PALLADIUM DR. KANATA CITY ON

Database: ***CA***

Certificate #: 3-1307-94-
Application Year: 94
Issue Date: 10/19/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***PALLADIUM CORPORATION***
PALLADIUM DR.,PT.LOT 2/CON.2 KANATA CITY ON

Database: ***CA***

Certificate #: 3-1262-94-
Application Year: 94
Issue Date: 10/13/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***KANATA CITY***
PT.LOT 3/CON.1, TERRY FOX DR. KANATA CITY ON

Database: ***CA***

Certificate #: 3-1095-94-
Application Year: 94
Issue Date: 10/4/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***KANATA RESEARCH PARK CORPORATION***
TERRY FOX DR. KANATA N. BUS. P KANATA CITY ON

Database: ***CA***

Certificate #: 7-0653-87-
Application Year: 87
Issue Date: 6/9/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***GARFORD LTD. AND NOTLAW LTD.-TERRY FOX D***
M.T.O. ACCES RD/TERRY FOX DR. KANATA CITY ON

Database: ***CA***

Certificate #: 7-0939-91-
Application Year: 91
Issue Date: 8/2/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:

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

Site: ***GENSTAR DEVELOPMENT COMPANY - CAMPEAU DR***
CAMPEAU DR.EXTENSION PH. II KANATA CITY ON

Database: ***CA***

Certificate #: 7-1213-90-
Application Year: 90
Issue Date: 8/9/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***TAYLOR DEVELOPMENTS***
SHOPPING CEN., TERRY FOX DRIVE KANATA CITY ON

Database: ***CA***

Certificate #: 7-1321-88-
Application Year: 88
Issue Date: 8/19/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CAMPEAU CORPORATION***
CAMPEAU DR. KANATA CITY ON

Database: ***CA***

Certificate #: 7-0016-88-
Application Year: 88
Issue Date: 1/21/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***KANATA CITY VALLEY-VU REALTY***
FUTURE TERRY FOX DR. KANATA CITY ON

Database: ***CA***

Certificate #: 7-1420-86-
Application Year: 86

Issue Date: 12/17/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***GENSTAR DEVELOPMENT COMPANY- CAMPEAU DR.***
CAMPEAU DR. EXTENSION PH. II KANATA CITY ON

Database: ***CA***

Certificate #: 3-1494-90-
Application Year: 90
Issue Date: 8/9/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CAMPEAU CORPORATION EASEMENT***
CAMPEAU DR. CLUSTER 2 KANATA CITY ON

Database: ***CA***

Certificate #: 3-0332-89-
Application Year: 89
Issue Date: 3/10/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***KANATA CITY VALLEY-VU REALTY FORCEMAIN***
FUTURE TERRY FOX DR. P.S. KANATA CITY ON

Database: ***CA***

Certificate #: 3-1793-86-
Application Year: 86
Issue Date: 12/17/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Terry Fox Drive from Statewood Drive to Second Line Rd Ottawa ON

Database: ***CA***

Certificate #:	6465-8EQHE7
Application Year:	2011
Issue Date:	4/14/2011
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***KANATA CITY KANATA N. BUSINESS PARK***
TERRY FOX DRIVE KANATA CITY ON

Database: ***CA***

Certificate #:	3-0786-87-
Application Year:	87
Issue Date:	6/9/1987
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***WEST CARLETON SAND & GRAVEL IN ON***

Database: ***CONV***

File No:		***Location:***	
Crown Brief No:	98-0000-9004	***Region:***	EASTERN REGION
Court Location:		***Ministry District:***	
Publication City:			
Publication Title:			
Act:			
Act(s):			
First Matter:			
Second Matter:			
Investigation 1:			
Investigation 2:			
Penalty Imposed:			
Description:	THIS IS THE EASTERN BRIEF FOR ALL P.O.A. TICKETS		
Background:			
URL:			

Additional Details

Publication Date:	
Count:	1
Act:	EPA
Regulation:	
Section:	186(3)
Act/Regulation/Section:	EPA- -186(3)
Date of Offence:	
Date of Conviction:	
Date Charged:	5/6/98

Charge Disposition: SUSPENDED SENTENCE
Fine: $300.00
Synopsis:

Site: ***WEST CARLETON SAND & GRAVEL IN ON*** ***Database:*** ***CONV***

File No:
Crown Brief No: 97-0102-0063
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: CONSTRUCTING AN ASPHALT PLANT THAT MAY DISCHARGE A CONTAMINANT PRIOR TO OBTAINING A CERTIFICATE OF APPROVAL.
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District: OTTAWA

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 9 (1)
Act/Regulation/Section: EPA- -9 (1)
Date of Offence:
Date of Conviction:
Date Charged: 9/11/97
Charge Disposition: SUSPENDED SENTENCE
Fine: $1,500.00
Synopsis:

Site: ***Minto Communities ON*** ***Database:*** ***EBR***

EBR Registry No: 019-2808
Ministry Ref No: KV-C-001-19
Notice Type: Instrument
Notice Stage: Decision
Notice Date:
Proposal Date: December 4, 2020
Year: 2020
Instrument Type: Permit for activities to achieve an overall benefit to a species
Off Instrument Name: Permit for activities with conditions to achieve overall benefit to the species (ESA s.17(2) (c))
Posted By: Ministry of the Environment, Conservation and Parks
Company Name:
Site Address:
Location Other:
Proponent Name: Minto Communities
Proponent Address: Minto Communities
180 Kent Street
Unit 200
Ottawa,
ON
K1P 0B6
Canada
Comment Period: December 4, 2020 - January 3, 2021 (30 days) Closed
URL: https://ero.ontario.ca/notice/019-2808

Decision Posted: February 26, 2021
Exception Posted:
Section: Section 17 (2) (c)
Act 1: Endangered Species Act , R.S.O. 2007
Act 2: Endangered Species Act, 2007
Site Location Map:

Site Location Details:

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	7598-94TRX3	***MOE District:***	
Approval Date:	2013-02-26	***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:	Minto Communities Inc.		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2553-8VDQUF-14.pdf		

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	8813-9WYQ2J	***MOE District:***	
Approval Date:	2015-06-08	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Minto Communities Inc.		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4625-9WXRTA-14.pdf		

Site: ***City of Ottawa***
Terry Fox Dr Ottawa ON K1P 1J1

Database: ***ECA***

Approval No:	1044-5E9JWT	***MOE District:***	
Approval Date:	2002-09-27	***City:***	
Status:	Revoked and/or Replaced	***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:	Terry Fox Dr		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6019-59QSAT-14.pdf		

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	2268-9WYR3F	***MOE District:***	
Approval Date:	2015-06-08	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		

Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3873-9WWLDY-14.pdf

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Site: ***Taggart Commercial Developments Ltd.***
Ottawa ON K2P 1P9

Database: ***ECA***

Approval No: 7279-9A3ND2
Approval Date: 2013-07-31
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Taggart Commercial Developments Ltd.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8903-99ELG5-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 0606-AHXJCH
Approval Date: 2017-02-02
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4552-AHSJ74-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 7661-ABCKQL
Approval Date: 2016-06-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5664-AB4KGV-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 8270-A3ZLU2
Approval Date: 2015-11-10
Status: Approved
Record Type: ECA
Link Source: IDS
MOE District:
City:
Longitude:
Latitude:
Geometry X:

SWP Area Name: ***Geometry Y:***
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8185-A3PRB5-14.pdf

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Site: ***Minto Communities Inc.*** ***Database:***
(Ottawa Front) Ottawa ON K1P 0B6 ***ECA***

Approval No: 6097-9N5HW9 ***MOE District:***
Approval Date: 2014-08-22 ***City:***
Status: Approved ***Longitude:***
Record Type: ECA ***Latitude:***
Link Source: IDS ***Geometry X:***
SWP Area Name: ***Geometry Y:***
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address: (Ottawa Front)
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9823-9MRHMN-14.pdf

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Site: ***Minto Communities Inc.*** ***Database:***
(Ottawa Front) Ottawa ON K1P 0B6 ***ECA***

Approval No: 1810-9L6SH8 ***MOE District:***
Approval Date: 2014-06-27 ***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: Minto Communities Inc.
Address: (Ottawa Front)
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6653-9KSHJ5-14.pdf

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Site: ***Minto Communities Inc.*** ***Database:***
Ottawa ON K1P 0B6 ***ECA***

Approval No: 7971-9EAST8 ***MOE District:***
Approval Date: 2014-01-10 ***City:***
Status: Approved ***Longitude:***
Record Type: ECA ***Latitude:***
Link Source: IDS ***Geometry X:***
SWP Area Name: ***Geometry Y:***
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7322-9E4LGN-14.pdf

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Site: ***Thomas Cavanagh Construction Limited*** ***Database:***
Ottawa ON K0A 1B0 ***ECA***

Approval No: 3467-9AYP63 ***MOE District:***
Approval Date: 2013-08-30 ***City:***
Status: Approved ***Longitude:***

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: Thomas Cavanagh Construction Limited
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0772-98NN9V-14.pdf
Latitude:
Geometry X:
Geometry Y:

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 7202-97BLB4
Approval Date: 2013-05-23
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4553-95ZKWJ-14.pdf
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 0195-95LSVA
Approval Date: 2013-03-22
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:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1964-8XNJA4-14.pdf
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON K0A 1B0

Database: ***ECA***

Approval No: 7749-8ZJSTU
Approval Date: 2012-11-09
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Thomas Cavanagh Construction Limited
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8951-8Z5PSL-14.pdf
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 3053-8YJNWU
MOE District:

Approval Date: 2012-10-01
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1397-8XNJGH-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 1554-8Y2HZ6
Approval Date: 2012-09-14
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1100-8WTMSY-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 3002-8PBSB4
Approval Date: 2012-01-31
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6465-8NETCD-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 1720-AKJGKQ
Approval Date: 2017-03-24
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1769-AKEQQZ-14.pdf

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Site: ***City of Ottawa***
Campeau Dr Ottawa ON K2G 6J8

Database: ***ECA***

Approval No: 0311-BFFQWB
Approval Date: 2019-10-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Campeau Dr
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4754-BFAS8F-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6
Database: ***ECA***

Approval No: 6142-BEJHCE
Approval Date: 2019-08-01
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0892-BDSKVQ-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6
Database: ***ECA***

Approval No: 8605-AYUHJG
Approval Date: 2018-05-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7723-AYKNXD-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6
Database: ***ECA***

Approval No: 3128-AQGJ6T
Approval Date: 2017-08-23
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4569-AQCRKJ-14.pdf

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Site: ***Minto Communities Inc.***
ON

Database: ***PTTW***

EBR Registry No:	012-9800	***Decision Posted:***	
Ministry Ref No:	5771-AJEJDR	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	October 06, 2017	***Act 2:***	
Proposal Date:	February 13, 2017	***Site Location Map:***	
Year:	2017		
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:	180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6, Minto Communities Inc., 180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6		
Comment Period:			
URL:			

Site Location Details:

Avalon West Community Address: Lot: 3 & Part of Lot 4, Concession: 11, Geographic Township: CUMBERLAND, Ottawa, City District Office: Ottawa GeoReference: Zone: 18, UTM Easting: 461611, UTM Northing: 5032496, UTM Location Description: S1- Lot 3 Concession 11, Site #: 5712-AJEJLA CITY OF OTTAWA

Site: ***Minto Communities Inc.***
ON

Database: ***PTTW***

EBR Registry No:	011-4898	***Decision Posted:***	
Ministry Ref No:	3046-8MLKW5	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	December 17, 2014	***Act 2:***	
Proposal Date:	November 04, 2011	***Site Location Map:***	
Year:	2011		
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:	180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6, Minto Communities Inc., 180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6		
Comment Period:			
URL:			

Site Location Details:

Mahogany Community Development Address: Lot: Part of Lots 4 and 5, Concession: A (Broken Front), Ottawa, City District Office: Ottawa GeoReference: Map Datum: NAD83, Zone: 18, Accuracy Estimate: 1-10 metres eg. Good Quality GPS, UTM Easting: 446650, UTM Northing: 5007555, , LIO GeoReference: Zone: , UTM Easting: , UTM Northing: , Latitude: , Longitude: CITY OF OTTAWA

Site: ***Richardson Ridge Inc.***
Property of Richardson Ridge Inc. Terry Fox Drive (northeast of Huntsville Drive and between Richardson Side Road and Huntsville Drive), City of Ottawa CITY OF OTTAWA ON

Database: ***PTTW***

EBR Registry No:	012-2859	***Decision Posted:***	
Ministry Ref No:	7488-9Q5HKY	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	

Notice Date:	May 06, 2015	***Act 2:***	
Proposal Date:	October 22, 2014	***Site Location Map:***	
Year:	2014		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Richardson Ridge Inc.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	1737 Woodward Drive, 2nd Floor, Ottawa Ontario, Canada K2C 0P9		
Comment Period:			
URL:			

Site Location Details:

Property of Richardson Ridge Inc. Terry Fox Drive (northeast of Huntsville Drive and between Richardson Side Road and Huntsville Drive), City of Ottawa CITY OF OTTAWA

Site: ***Thomas Cavanagh Construction Limited ON***

Database: ***PTTW***

EBR Registry No:	010-5806	***Decision Posted:***	
Ministry Ref No:	7423-7NPJQN	***Exception Posted:***	
Notice Type:	Instrument Final Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	August 25, 2009	***Act 2:***	
Proposal Date:	January 30, 2009	***Site Location Map:***	
Year:	2009		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Thomas Cavanagh Construction Limited		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:			
Comment Period:			
URL:			

Site Location Details:

Henderson Quarry Address: Lot: 13, Concession: 11, Geographic Town of Goulbourn, Ottawa, City District Office: Ottawa GeoReference: Map Datum: Unknown, Zone: 18, Accuracy Estimate: 10 -100 metres eg. Topographic Map, Method: Map, UTM Easting: 422063, UTM Northing: 5008627 CITY OF OTTAWA GOULBOURN

Site: ***PUC TERRY FOX DR PAD TRANSFORMER BY NEWBRIDGE COMM. LTD. KANATA CITY ON***

Database: ***SPL***

Ref No:	4874	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	6/7/1988	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	COOLING SYSTEM LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	20103
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	

MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	6/7/1988	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	FIRE/EXPLOSION	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	KANATA HYDRO - 150 L MINERAL OIL (NO PCBS) TO GROUND.		
Contaminant Qty:			

Site: ***Thomas Cavanagh Construction Limited Ottawa ON***

Database: ***SPL***

Ref No:	8581-ALQMUR	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	4/24/2017	***Health/Env Conseq:***	2 - Minor Environment
Year:		***Client Type:***	Corporation
Incident Cause:		***Sector Type:***	Miscellaneous Industrial
Incident Event:	Other	***Agency Involved:***	
Contaminant Code:	15	***Nearest Watercourse:***	
Contaminant Name:	HYDRAULIC OIL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:	n/a	***Site Region:***	Eastern
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:	Land	***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/24/2017	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	Equipment Failure	***Source Type:***	Other
Site Name:	Light Rail Project, Merton Street Entrance<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Thomas Cavanagh Cnst: 2L hydraulic oil to grnd, no CBs, contained		
Contaminant Qty:	2 L		

Site: ***CITY OF OTTAWA SNOW PLOW<UNOFFICIAL> TERRY FOX DRIVE AT THE HWY. 417 OVERPASS<UNOFFICIAL> Ottawa ON***

Database: ***SPL***

Ref No:	0881-5HS47B	***Discharger Report:***	
Site No:		***Material Group:***	Oil
Incident Dt:	1/13/2003	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Container Leak (Fuel Tank Barrels)	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Eastern
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	1/13/2003	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Spill to Land
Incident Reason:	Error- Operator error	***Source Type:***	
Site Name:	TERRY FOX DRIVE AT THE HWY. 417 OVERPASS<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: CITY OF OTTAWA - 180 L OF DIESEL FUEL TO GROUND.
Contaminant Qty: 180 L

Site: ***Waste Services Inc.***
Highway 417 East bound West of Terry Fox Ottawa ON

Database: ***SPL***

Ref No:	1683-5S3Q8B	***Discharger Report:***	
Site No:		***Material Group:***	Oil
Incident Dt:	10/6/2003	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Transport Accident	***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:	15	***Nearest Watercourse:***	
Contaminant Name:	HYDRAULIC OIL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Eastern
Environment Impact:	Possible	***Site Municipality:***	Ottawa
Nature of Impact:	Soil Contamination; Surface Water Pollution	***Site Lot:***	
Receiving Medium:	Land & Water	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/6/2003	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Spill to Land
Incident Reason:	Equipment Failure - Malfunction of system components	***Source Type:***	

Site Name: HYDRAULIC OIL LEAK - HWY. 417 - OTTAWA<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Waste Services Inc. - Hydraulic oil spill
Contaminant Qty: 60 L

Site:
Didsburry Road off Terry Fox Drive, Kanata Ottawa ON

Database: ***SPL***

Ref No:	1747-9QJL5D	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2014/11/04	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Dumping	***Sector Type:***	Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	15	***Nearest Watercourse:***	
Contaminant Name:	MOTOR OIL	***Site Address:***	Didsburry Road off Terry Fox Drive, Kanata
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Ottawa
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	5017645
MOE Response:	No Field Response	***Easting:***	429136
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2014/11/04	***Site Map Datum:***	
Dt Document Closed:	2014/11/21	***SAC Action Class:***	Land Spills
Incident Reason:	Deliberate Act	***Source Type:***	

Site Name: Gravel / grassy area at Dead End<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Ottawa: unkn vol motor oil to ground, contained
Contaminant Qty: 0 other - see incident description

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON

Database: ***SPL***

Ref No:	5552-8XKTLB	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	27-AUG-12	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	15	***Nearest Watercourse:***	
Contaminant Name:	HYDRAULIC OIL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	27-AUG-12	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Land Spills
Incident Reason:		***Source Type:***	
Site Name:	The Queensway between Hwy 7 and Eagleson Rd<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Cabanah Const'n, 50 L hydraulic oil to The Queensway, cont'd		
Contaminant Qty:	50 L		

Site: ***Van's Industrial & Specialty Coatings<UNOFFICIAL>***
Terry Fox Drive, Nepean Ottawa ON

Database: ***SPL***

Ref No:	2438-6GNMTJ	***Discharger Report:***	0
Site No:		***Material Group:***	Oil
Incident Dt:	9/28/2005	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Transport Accident	***Sector Type:***	Other Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:	Land & Water	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/28/2005	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Spills to Watercourses
Incident Reason:	Adverse Road Condition - Road faults	***Source Type:***	
Site Name:	East side of Terry Fox Drive, between March Road and Legget Drive<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Van's Cleaning, 40 L diesel to road, ditch, sewer		
Contaminant Qty:			

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Dec 31, 2020

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2018

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: May 31, 2021

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-Dec 31, 2020

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Apr 2021

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-Jul 2021

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994- Jul 31, 2021

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2020

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: May 31, 2021

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011- Jun 30, 2021

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- Jul 31, 2021

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Jun 30, 2021

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Jun 30, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

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: Jul 31, 2020

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-Aug 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

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-Apr 30, 2021

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in 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: May 31, 2021

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: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES): Federal NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2019

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-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: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Feb 28, 2021

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-Jan 2021

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Jul 31, 2021

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011- Jun 30, 2021

Pipeline Incidents: Provincial PINC

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

Government Publication Date: May 31, 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 all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994- Jul 31, 2021

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, 1992-2018

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-Jul 2021

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-Dec 31, 2020

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Aug 2020

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2018

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 - Dec 2020

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: May 31, 2021

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011- Jun 30, 2021

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: Apr 30, 2021

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.

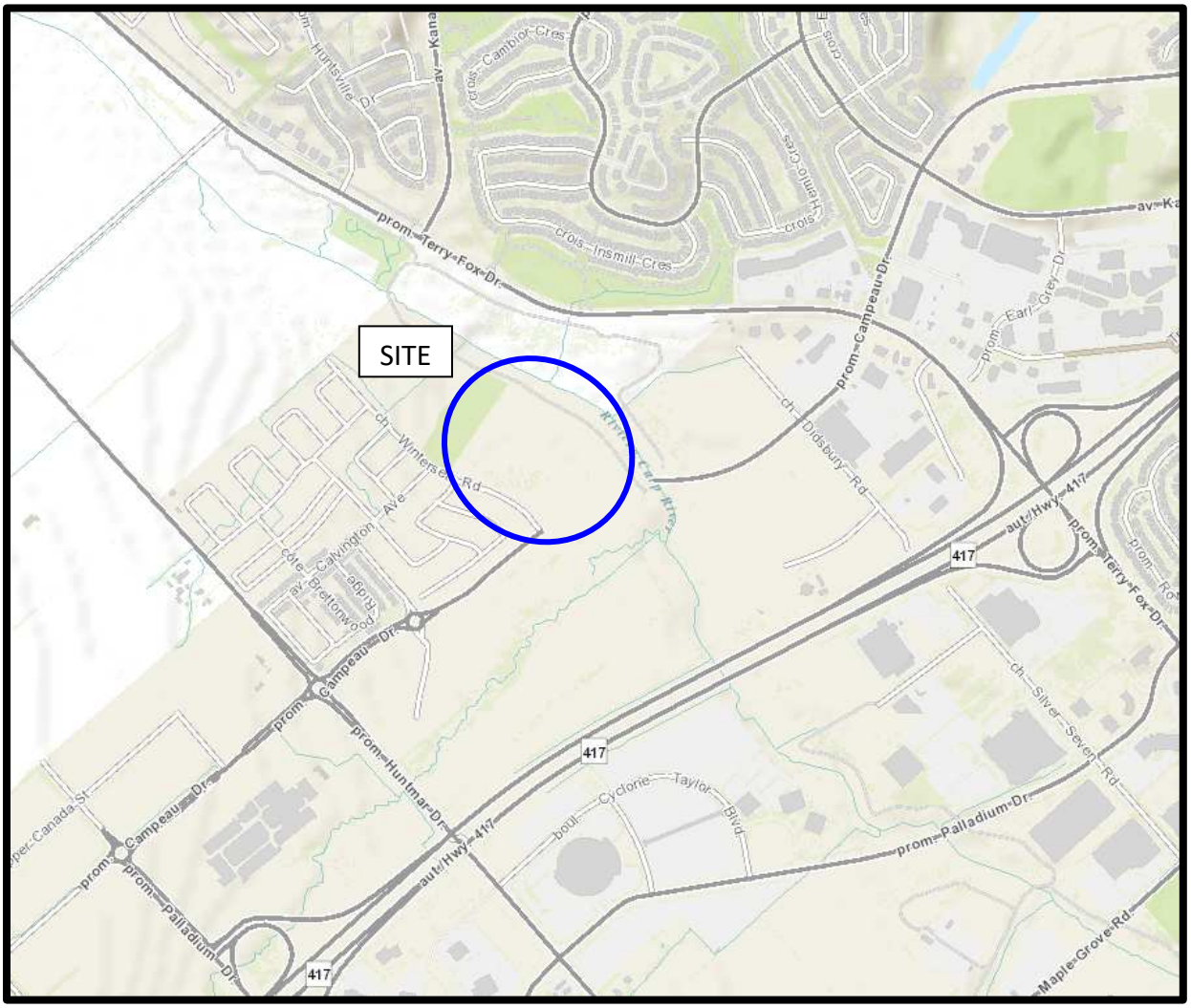
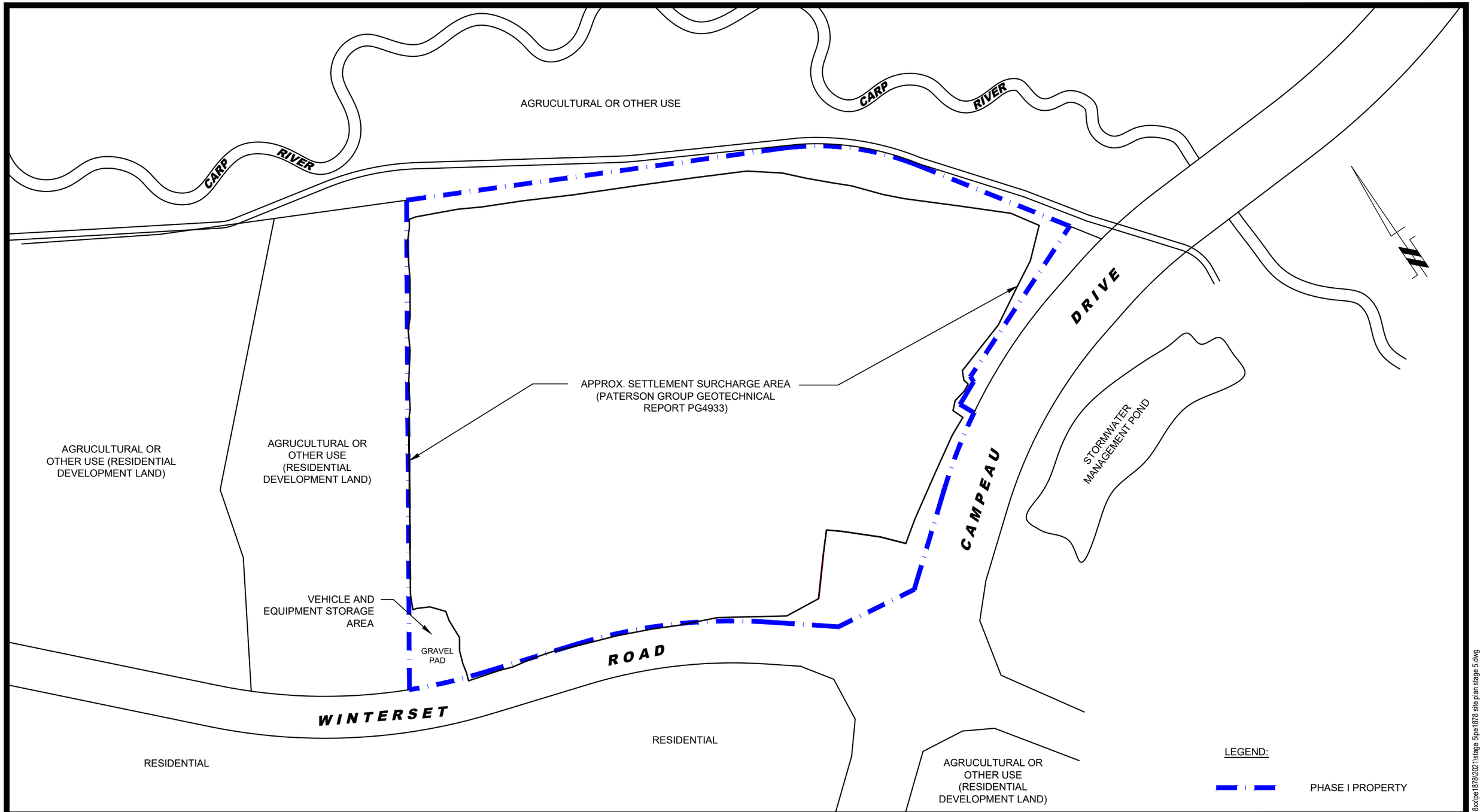


Figure 1:

KEY PLAN



patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL
0			

MINTO COMMUNITIES INC.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT UPDATE
ARCADIA PROJECT - STAGE 5, CAMPEAU DRIVE

OTTAWA, ONTARIO

Title:

SITE PLAN

Scale: 1:2000	Date: 09/2021
Drawn by: MPG	Report No.: PE1878-4
Checked by: JA	Dwg. No.: PE1878-13
Approved by: MB	Revision No.:

11x17

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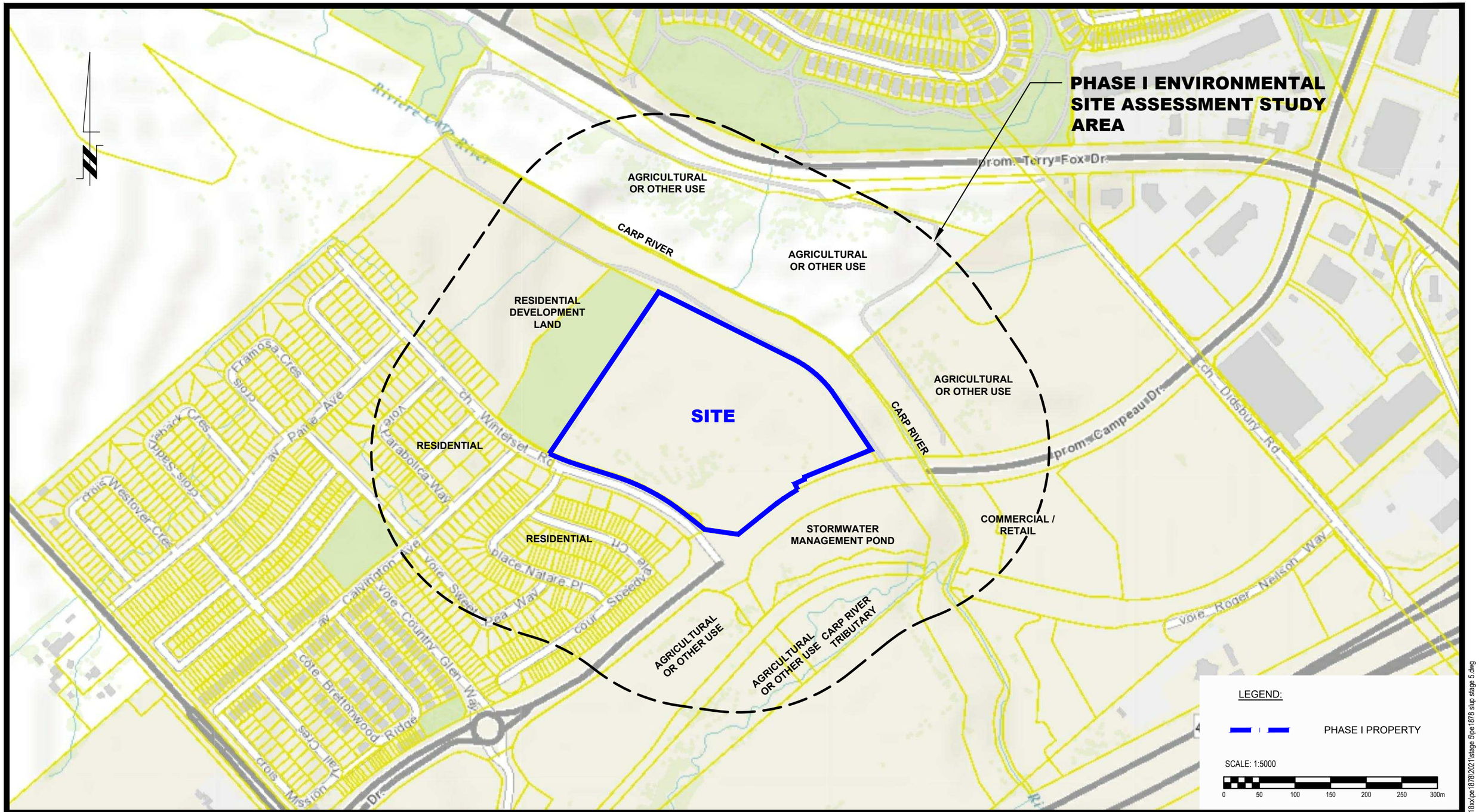

patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL
0			

MINTO COMMUNITIES INC.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT UPDATE
ARCADIA PROJECT - STAGE 6, CAMPEAU DRIVE

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale: 1:5000	**Date:** 09/2021
Drawn by: MPG	**Report No.:** PE1878-4
Checked by: JA	**Dwg. No.:** PE1878-14
Approved by: MB	**Revision No.:**

11x17

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