

September 9, 2021
File: PE5438-LET.01

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

Suncor Energy Products Inc.
3275 Rebecca Street
Oakville, Ontario
L6L 6N5

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science

Attention: **Mr. Blaine Culley**

www.patersongroup.ca

Subject: **Phase I Environmental Site Assessment Update
Palladium Drive at Campeau Drive
Ottawa, Ontario**

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 at the corner of Palladium Drive and Campeau Drive, herein referred to as the Phase I Property. This report updates a Phase I ESA entitled "Phase I Environmental Site Assessment, Vacant Property, Palladium Drive at Campeau Drive, Ottawa, Ontario" prepared by Paterson, dated November 16, 2018.

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 2018 report.

Background

The site is located directly east of the intersection of Palladium Drive and Campeau Drive in Ottawa, Ontario. The Phase I ESA Property is currently undeveloped grassed land slated for commercial development. It is situated in an area of recent development for mixed land use purposes; land use on the nearby properties is generally commercial or undeveloped, with a commercial retail outlet centre present immediately east of the Phase I property. Residential properties are present further northeast and southeast.

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 2, 2021. The Phase I property is currently undeveloped, as shown on Drawing PE5438-1 – Site Plan. The Phase I property is comprised of vacant grassed land that has never been developed. Adjacent property use includes a retail outlet centre (Tanger Outlets) immediately east, a commercial hotel to the north across Campeau Drive, and vacant undeveloped land to the southeast, across Palladium Drive.

The local topography is generally flat, while the regional topography in the general area of the site slopes northeast toward the Carp River, approximately 1.4 km to the northeast of the Phase I property. Site drainage consists of infiltration. No private sewage systems or potable water wells were identified on the Phase I property, nor are any suspected. Evidence of electrical and water/sewer services were observed along Campeau Drive and Palladium Drive.

A visual assessment of the adjacent properties did not reveal any concerns to the Phase I Property. Surrounding land use is illustrated on Drawing PE5438-2 – 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 3, 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 an adjacent property was reviewed as part of the assessment. Based on the 2018 HLUI, no potentially contaminating activities (PCAs) were identified on the Phase I property. The report did include several historical land uses outside of the Phase I study area, including sand and gravel pits and stone quarries, a paving company, and a ready mix concrete company, operating along Carp Road. Based on their distance from the subject site, these land uses are not considered to have the potential to impact the site. No PCAs were identified in the Phase I study area.

An ERIS (Environmental Risk Information Service) report was obtained for the Phase I ESA Property and surrounding lands. It did not identify any records related to the Phase I ESA Property. The report identified records within the Phase I study area, including one O.Reg. 347 waste generator, geotechnical borehole records, well records, a permit to take water, one certificate of approval, and two environmental compliance approvals. None of these records are considered to represent potentially contaminating activities within the Phase I study area. No potable well records were identified in the Phase I study area. No potential environmental concerns have been identified with respect to the Phase I property. The ERIS report is appended to this Phase I ESA Update.

Update Conceptual Site Model

Based on the above-noted records 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 Suncor Energy Products Inc. Permission and notification from Suncor Energy Products 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



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



Report Distribution:

- Suncor Energy Products Inc.
- Paterson Group Inc.

Appendix:

- MECP FOI Request
- TSSA Correspondence
- HLUI Application
- ERIS Report
- Figure 1 – Key Plan
- Drawing PE5438-1 – Site Plan
- Drawing PE5438-2 – Surrounding Land Use Plan

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	<input type="checkbox"/> Cheque <input type="checkbox"/> VISA/MC <input type="checkbox"/> Cash/Money Order
<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SCB <input type="checkbox"/> SDW	

1. Requester Data

Last Name Andrechek	First Name Jesse	Middle Initial J
Title Environmental Technician	Company Name Paterson Group	
Mailing Address		
Unit Number	Street Number 154	Street Name Colonnade Road South
		PO Box
City/Town Ottawa	Province Ontario	Postal Code K2E 7J5
Email Address jandrechek@patersongroup.ca	Telephone Number 613 226-7381	ext.
	Fax Number	
Project/Reference Number PE 5438	Signature of Requester 	

2. Request Parameters

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

Unit Number	Street Number	Street Name Campeau Drive at Palladium Drive	PO Box
Lot Number Part of lot 3	Concession 1	Geographic Township Huntley	
City/Town/Village Ottawa	Province ON	Postal Code	

Present Property

1. Owner Kanata West Centre Inc.	Date of Ownership (yyyy/mm/dd)
Tenant (if applicable)	

Previous Property

1. Owner	Date of Ownership (yyyy/mm/dd)
Tenant (if applicable)	

3. Search Parameters

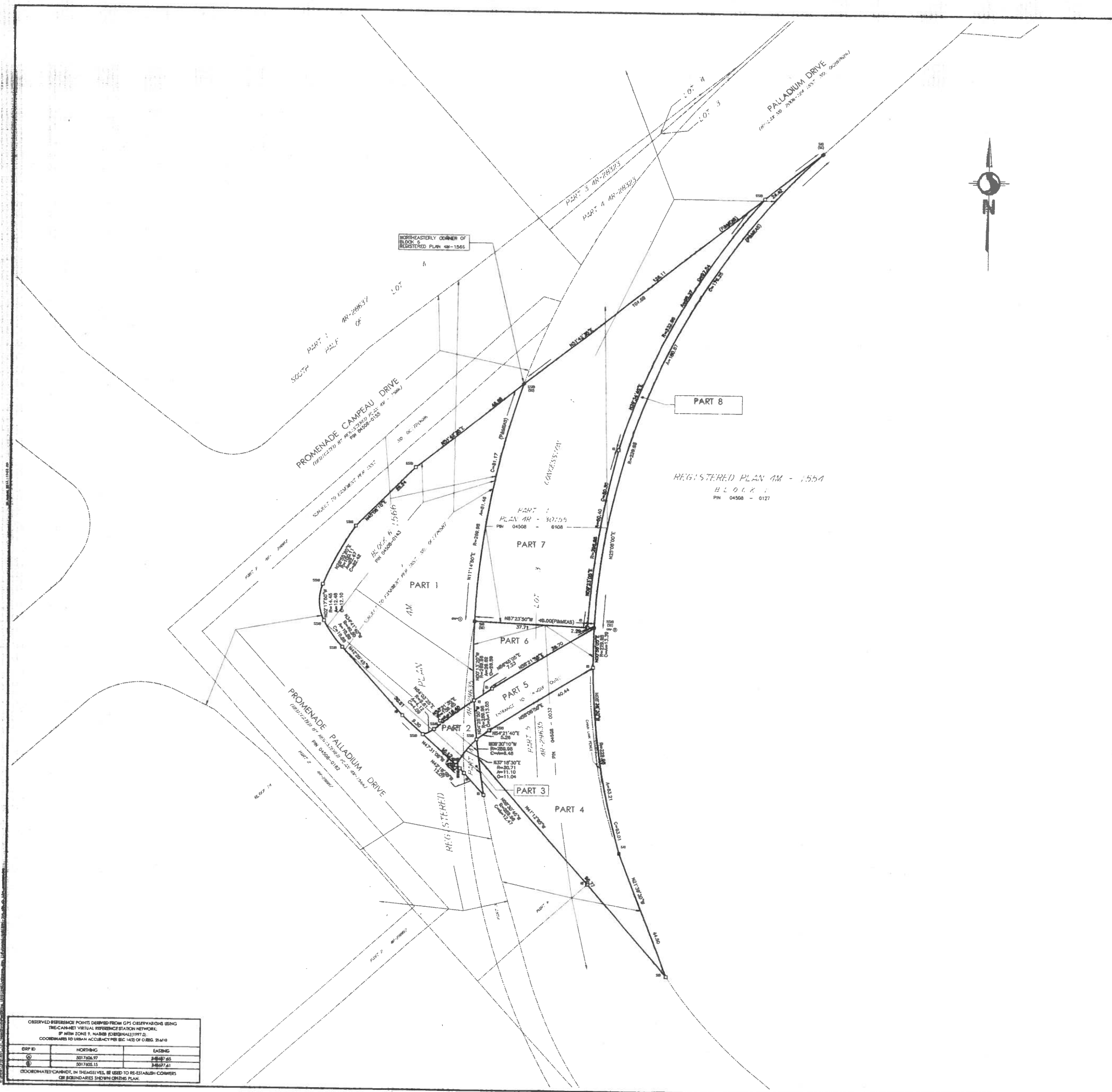
Search Parameters	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	All
Orders	All
Spills	All
Investigations/prosecutions ► Owner and tenant information must be provided	2003-Present
Waste Generator number/classes	All

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	<input checked="" type="checkbox"/>	1986- Present
renewable energy	<input checked="" type="checkbox"/>	1986- Present
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	<input checked="" type="checkbox"/>	1986- Present
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	<input checked="" type="checkbox"/>	1986- Present
waste water - industrial discharge	<input checked="" type="checkbox"/>	1986- Present
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	<input checked="" type="checkbox"/>	1986- Present
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	<input checked="" type="checkbox"/>	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.



I REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE LAND TITLES ACT
 RECEIVED AND DEPOSITED
 DATE Aug 10/17
 PLAN 4R-30499
 RECEIVED AND DEPOSITED
 DATE August 11, 2017
 Brian Webster
 CHICAGO LAND SURVEYOR
 V. Williams
 REPRESENTATIVE OF THE LAND REGISTAR FOR THE DISTRICT OF OTTAWA-GEORGETOWN

SCHEDULE			
PART	FOR/BACK	CONCESSION/PLAN	PS#
1			
2	ALL OF 4	4M-1566	AE DP 0458 - 0143
3			
4			
5	PART OF 3		PART OF 0458 - 0022
6			
7			
8			PART OF 0458 - 0102

PARTS 1, 2 AND 3 COMPRISE ALL OF PR 0458-0143
 PARTS 4, 5 AND 6 COMPRISE PART OF PR 0458-0022
 PARTS 7 AND 8 COMPRISE PART OF PR 0458-0102
 PARTS 1, 2 AND 3 ARE SUBJECT TO EASEMENT PERMIT NO. OC1776507

PLAN OF SURVEY OF
BLOCK 6 REGISTERED PLAN 4M - 1566
PART OF LOT 3 CONCESSION 1
 GEOGRAPHIC TOWNSHIP OF HURON
CITY OF OTTAWA

Scale 1:500

METRIC CONVERSION
 DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

LEGEND

SYMBOL	NOTES	FOUND ACHIEVEMENTS
■	CONCRETE	SET ACHIEVEMENTS
□	IRON BAR	IRON BAR
○	ROUND IRON BAR	ROUND IRON BAR
□	STANDARD IRON BAR	STANDARD IRON BAR
○	CUT CHISEL	CUT CHISEL
○	CONCRETE PIN	CONCRETE PIN
○	WIRE	WIRE
○	PROPERTY IDENTIFICATION NUMBER	PROPERTY IDENTIFICATION NUMBER
○	MEASUREMENT	MEASUREMENT
○	RECORDED	RECORDED
○	ORIGIN UNKNOWN	ORIGIN UNKNOWN
○	ORIP	STANTEC GEOMATICS LTD. OBSERVED REFERENCE POINT

GRID SCALE CORRECTION
 DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.99994

BEARING NOTE
 BEARINGS ARE GRID, DERIVED FROM THE CAN-RET VRS NETWORK GPS OBSERVATIONS ON MCC HORIZONTAL CONTROL ACHIEVEMENTS 1979033 AND 1480911, CENTRAL MERIDIAN 75° 30' WEST LONGITUDE WITH 2011 NAD83 (ORIGINAL)

1979033 N 500000.00 E 000000.00
 1480911 N 503354.26 E 00864.94

OBSERVED REFERENCE POINTS DERIVED FROM GPS OBSERVATIONS USING THE CAN-RET VIRTUAL REFERENCE STATION NETWORK, IF ANY, ZONE 18 NAD83 (ORIGINAL) 1997.0, COORDINATES TO OBTAIN ACCURATE RESULTS OF THIS PLAN

POINT	NORTHING	EASTING
1	507708.17	348077.45
2	507708.15	348077.41

COORDINATES SHOWN, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OF BOUNDARIES SHOWN ON THIS PLAN.

SURVEYOR'S CERTIFICATE
 I CERTIFY THAT:
 1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEY ACT, THE SURVEYORS ACT AND THE LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.
 2. THE SURVEY WAS COMPLETED ON THE 31st DAY OF JULY, 2017.

DATE Aug 10/17
 Brian Webster
 CHICAGO LAND SURVEYOR

Stantec
 Stantec Geomatics Ltd.
 CANADA LAND SURVEYORS
 CHICAGO LAND SURVEYORS
 1331 CLIVE AVENUE, SUITE 800
 OTTAWA, ONTARIO, K2H 9P9
 TEL: 416 775 4800 FAX: 416 775 3796
 STANTEC.COM

DRAWN BY: [] CHECKED BY: [] IN CHARGE: [] PROJECT NO.: 16813001-214

Jesse Andrechek

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: September 3, 2021 11:10 AM
To: Jesse Andrechek
Subject: RE: Search Records Request: PE5438

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

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

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

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

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

Kind regards,

Mariah



Public Information Agent

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



From: Jesse
Andrechek

<JAndrechek@Patersongroup.ca>

Sent: September 3, 2021 10:50 AM

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

Subject: Search Records Request: PE5438

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good afternoon,

Could you please complete a search of your records for underground/aboveground storage tanks, historical spills or other infractions for the following addresses for properties located in the City of Ottawa (Kanata / Stittsville).

Huntmar Drive: 333, 370, 405, 421, 425, 451, 453, 467

Palladium Drive: 3001

Carp Road: 2448

Thank you,

Best regards,
Jesse Andrechek, BASc

paterongroup
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

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

patersongroup

Consulting Engineers

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

September 1, 2021
File: PE5438-LET.01

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

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science

Subject: **Authorization Letter, HLUI Search
Phase I-Environmental Site Assessment Update
Campeau Drive at Palladium Drive
Ottawa, Ontario**

www.patersongroup.ca

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: Kanata West Centre Inc.

Name of Representative: Jeff Parkes

Authorization of Representative: 

Date: September 8, 2021

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: Campeau Drive at Palladium Drive
Ottawa, ON.
** 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: Kanata West Centre Inc.
Mailing Address: _____
Telephone: _____ Email Address: _____

Site Details

Legal Description and PIN:

See attached plan of survey.

What is the land currently used for?

Vacant

Lot frontage:

m

Lot depth:

m

Lot area:

m²

OR

Lot area: (irregular lot)

12,400 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):

31 / 08 / 2021

Per: Jesse Andrechek

(Please print name)

Title: Environmental Consultant

Company: Paterson Group Inc



DATABASE REPORT

Project Property: *PE3146 - Phase I ESA - Palladium Drive
and Campeau Drive
Palladium Drive and Campeau Drive
Ottawa ON*

Project No: *PE3146*

Report Type: *Standard Report*

Order No: *21083100322*

Requested by: *Paterson Group Inc.*

Date Completed: *September 3, 2021*

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	7
Executive Summary: Summary By Data Source.....	9
Map.....	12
Aerial.....	13
Topographic Map.....	14
Detail Report.....	15
Unplottable Summary.....	27
Unplottable Report.....	28
Appendix: Database Descriptions.....	31
Definitions.....	40

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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

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

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

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

Executive Summary

Property Information:

Project Property: *PE3146 - Phase I ESA - Palladium Drive and Campeau Drive
Palladium Drive and Campeau Drive Ottawa ON*

Project No: *PE3146*

Coordinates:

Latitude: *45.2972249*
Longitude: *-75.9410479*
UTM Northing: *5,016,399.88*
UTM Easting: *426,215.53*
UTM Zone: *18T*

Elevation: *334 FT
101.88 M*

Order Information:

Order No: *21083100322*
Date Requested: *August 31, 2021*
Requested by: *Paterson Group Inc.*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

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

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	1	1
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	1	1
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	0	0
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	3	3
Total:			0	13	13

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
--------------------	-----------	--------------------------	----------------	---------------------	--------------------------	------------------------

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	BORE		ON	ENE/21.3	0.00	15
2	EHS		3065 Palladium Drive Ottawa ON K2S 1B9	SSE/96.1	0.00	15
3	EASR	TAGGART CONSTRUCTION LIMITED	8700 Campeau DR Stittsville ON K2S 1B9	W/125.6	1.00	16
4	ECA	UBCJA Local 93 & UBCJA Local 2041 Building Corporation	8560 Campeau Dr Ottawa ON K1P 1J1	NNE/221.3	0.00	16
5	WWIS		lot 2 con 2 ON Well ID: 1529619	E/237.8	-1.31	16
6	EHS		425 Huntmar Dr Ottawa ON K2S1B9	W/240.4	1.00	19
6	PTTW	West Ottawa Land Holdings Inc.	425 Huntmar Drive, City of Ottawa, Ontario CITY OF OTTAWA ON	W/240.4	1.00	19
7	WWIS		lot 3 con 1 ON Well ID: 1533405	SSE/247.5	-1.86	20
7	WWIS		lot 3 con 1 ON Well ID: 1533406	SSE/247.5	-1.86	21
8	BORE		ON	SSE/249.8	-2.00	24
9	PINC	JEFFREY DOUGLAS MORRISON	8555 CAMPEAU DR,,OTTAWA,ON,K2T 0K5,CA ON	E/249.9	-1.00	25
9	EASR	TIMMINS SQUARE LIMITED PARTNERSHIP	8555 CAMPEAU DR KANATA ON K2T 0K5	E/249.9	-1.00	26

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>9</u>	GEN	Cosmetics Company Store 684	8555 Campeau Drive Ottawa ON K2T0K5	E/249.9	-1.00	<u>26</u>

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 2 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	ENE	21.34	<u>1</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	SSE	249.84	<u>8</u>

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011- Jun 30, 2021 has found that there are 2 EASR site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
TAGGART CONSTRUCTION LIMITED	8700 Campeau DR Stittsville ON K2S 1B9	W	125.59	<u>3</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
TIMMINS SQUARE LIMITED PARTNERSHIP	8555 CAMPEAU DR KANATA ON K2T 0K5	E	249.92	<u>9</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Jun 30, 2021 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
UBCJA Local 93 & UBCJA Local 2041 Building Corporation	8560 Campeau Dr Ottawa ON K1P 1J1	NNE	221.28	<u>4</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
-------------------------------	----------------	------------------	---------------------	----------------

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 2 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	3065 Palladium Drive Ottawa ON K2S 1B9	SSE	96.08	<u>2</u>
	425 Huntmar Dr Ottawa ON K2S1B9	W	240.36	<u>6</u>

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 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Cosmetics Company Store 684	8555 Campeau Drive Ottawa ON K2T0K5	E	249.92	<u>9</u>

PINC - Pipeline Incidents

A search of the PINC database, dated May 31, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
JEFFREY DOUGLAS MORRISON	8555 CAMPEAU DR.,OTTAWA,ON, K2T 0K5,CA ON	E	249.92	<u>9</u>

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994- Jul 31, 2021 has found that there are 1 PTTW site(s) within approximately 0.25 kilometers of the project property.

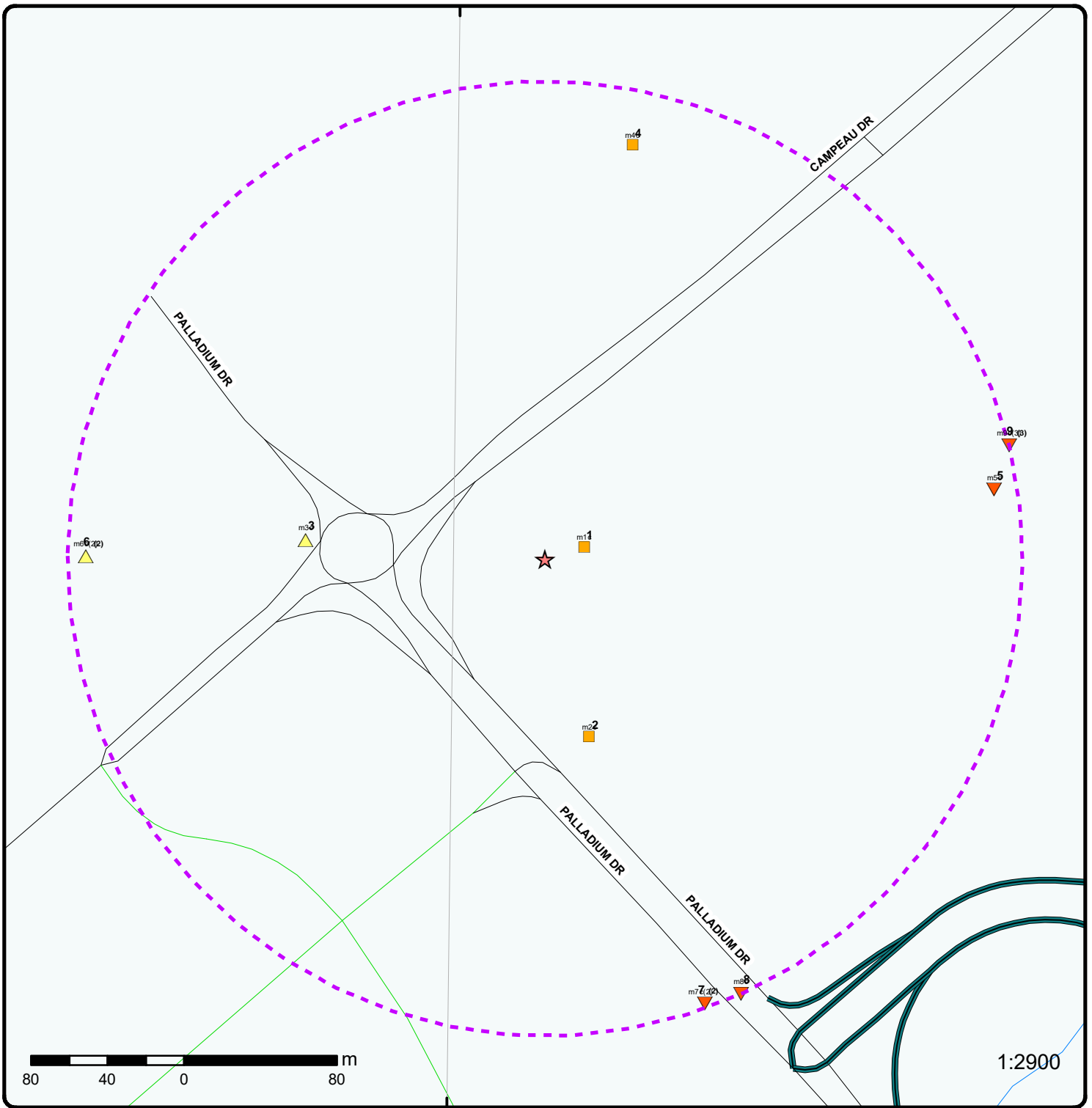
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
West Ottawa Land Holdings Inc.	425 Huntmar Drive, City of Ottawa, Ontario CITY OF OTTAWA ON	W	240.36	<u>6</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
-------------------------------	----------------	------------------	---------------------	----------------

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 3 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 2 con 2 ON <i>Well ID:</i> 1529619	E	237.83	5
	lot 3 con 1 ON <i>Well ID:</i> 1533405	SSE	247.45	7
	lot 3 con 1 ON <i>Well ID:</i> 1533406	SSE	247.45	7



Map: 0.25 Kilometer Radius

Order Number: 21083100322

Address: Palladium Drive and Campeau Drive, Ottawa, ON

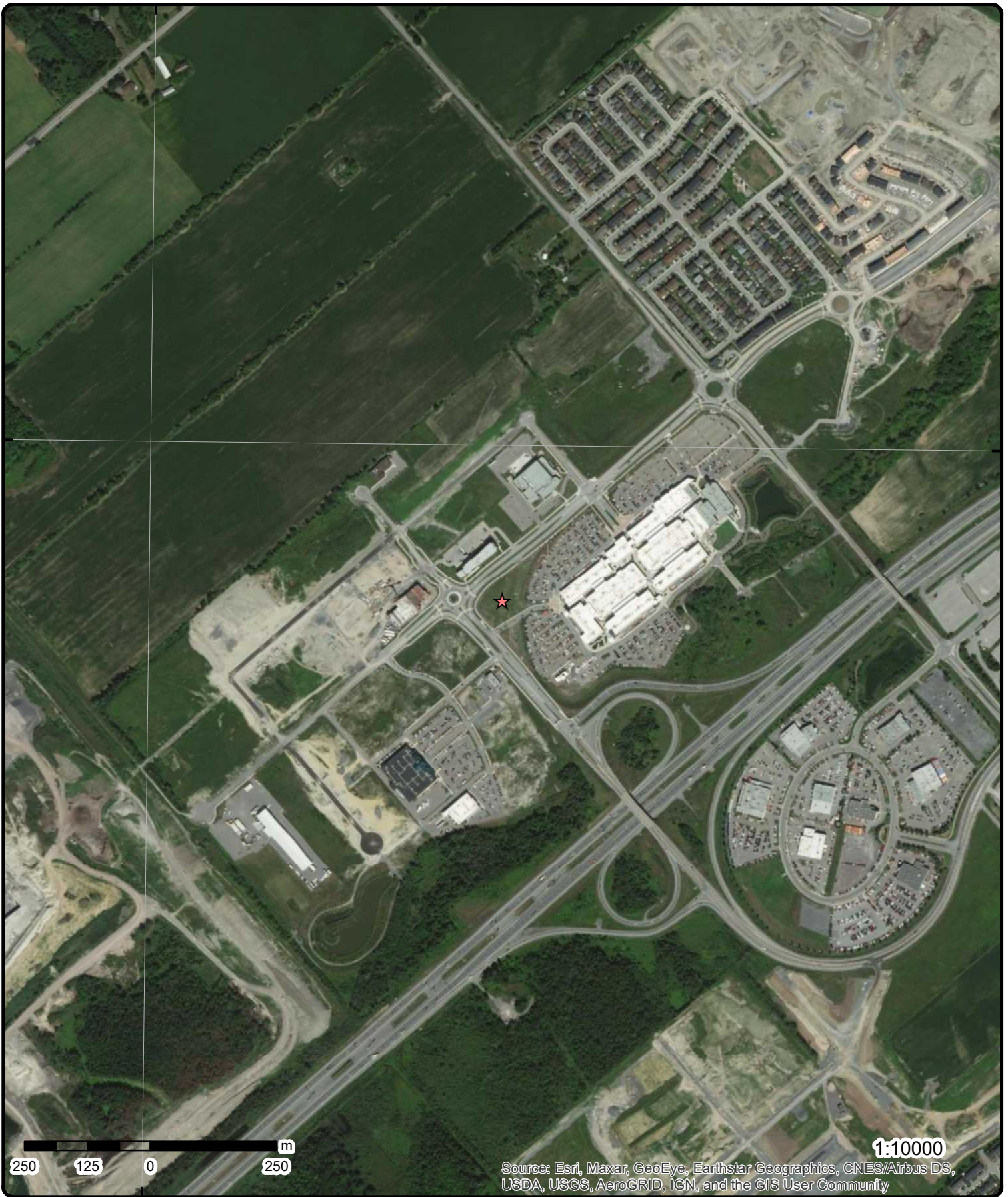


Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range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

75°57'W

45°18'N

45°18'N



250 125 0 250 m

1:10000

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Aerial Year: 2020

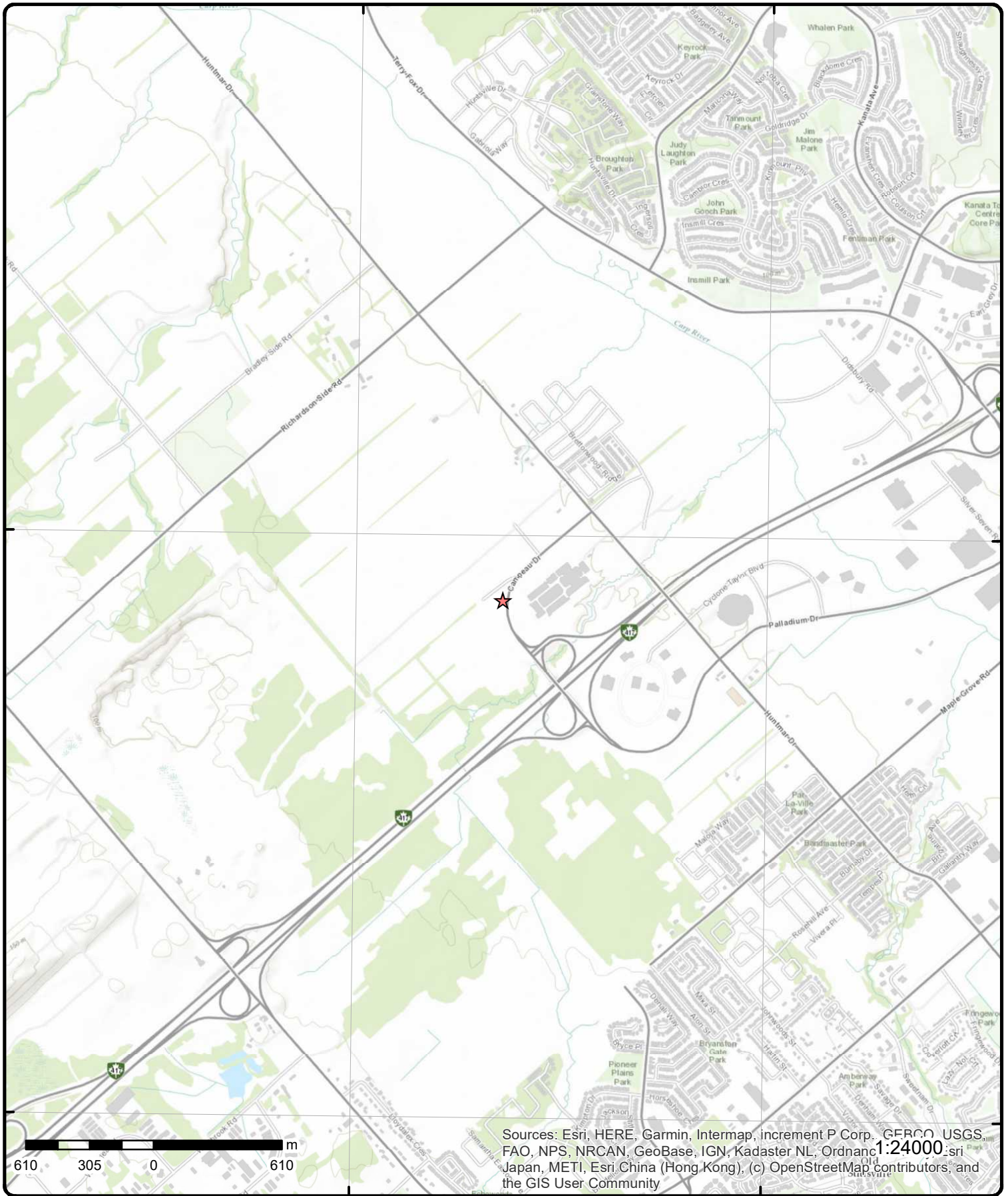
Order Number: 21083100322

Address: Palladium Drive and Campeau Drive, Ottawa, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



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

Topographic Map

Order Number: 21083100322

Address: Palladium Drive and Campeau Drive, ON



Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB		
<u>1</u>	1 of 1	ENE/21.3	101.9 / 0.00	ON	BORE		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Borehole ID: 848690 OGF ID: 215590310 Status: Decommissioned Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: 06-MAY-1992 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 1.6 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: </td> <td style="width: 50%; vertical-align: top;"> Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: LOT 3 Township: HUNTLEY Latitude DD: 45.297282 Longitude DD: -75.940788 UTM Zone: 18 Easting: 426236 Northing: 5016406 Location Accuracy: Accuracy: Within 10 metres </td> </tr> </table>						Borehole ID: 848690 OGF ID: 215590310 Status: Decommissioned Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: 06-MAY-1992 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 1.6 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: LOT 3 Township: HUNTLEY Latitude DD: 45.297282 Longitude DD: -75.940788 UTM Zone: 18 Easting: 426236 Northing: 5016406 Location Accuracy: Accuracy: Within 10 metres
Borehole ID: 848690 OGF ID: 215590310 Status: Decommissioned Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: 06-MAY-1992 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 1.6 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: LOT 3 Township: HUNTLEY Latitude DD: 45.297282 Longitude DD: -75.940788 UTM Zone: 18 Easting: 426236 Northing: 5016406 Location Accuracy: Accuracy: Within 10 metres						
<p><u>Borehole Geology Stratum</u></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Geology Stratum ID: 6561882 Top Depth: .3 Bottom Depth: 1.6 Material Color: Grey Material 1: Clay Material 2: Silt Material 3: Sand Material 4: Gsc Material Description: Stratum Description: </td> <td style="width: 50%; vertical-align: top;"> Mat Consistency: Firm Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: </td> </tr> </table> <p>FIRM TO STIFF GREY SILTY CLAY TRACE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.</p>						Geology Stratum ID: 6561882 Top Depth: .3 Bottom Depth: 1.6 Material Color: Grey Material 1: Clay Material 2: Silt Material 3: Sand Material 4: Gsc Material Description: Stratum Description:	Mat Consistency: Firm Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:
Geology Stratum ID: 6561882 Top Depth: .3 Bottom Depth: 1.6 Material Color: Grey Material 1: Clay Material 2: Silt Material 3: Sand Material 4: Gsc Material Description: Stratum Description:	Mat Consistency: Firm Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:						
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Geology Stratum ID: 6561881 Top Depth: 0 Bottom Depth: .3 Material Color: Brown Material 1: Clay Material 2: Silt Material 3: Sand Material 4: Organic Gsc Material Description: Stratum Description: </td> <td style="width: 50%; vertical-align: top;"> Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: </td> </tr> </table> <p>275mm DARK BROWN ORGANIC SANDY SILTY CLAY ROOTMAT **Note: Many records provided by the department have a truncated [Stratum Description] field.</p>						Geology Stratum ID: 6561881 Top Depth: 0 Bottom Depth: .3 Material Color: Brown Material 1: Clay Material 2: Silt Material 3: Sand Material 4: Organic Gsc Material Description: Stratum Description:	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:
Geology Stratum ID: 6561881 Top Depth: 0 Bottom Depth: .3 Material Color: Brown Material 1: Clay Material 2: Silt Material 3: Sand Material 4: Organic Gsc Material Description: Stratum Description:	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:						

<u>2</u>	1 of 1	SSE/96.1	101.9 / 0.00	3065 Palladium Drive Ottawa ON K2S 1B9	EHS		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Order No: 20160829196 Status: C </td> <td style="width: 50%; vertical-align: top;"> Nearest Intersection: Municipality: </td> </tr> </table>						Order No: 20160829196 Status: C	Nearest Intersection: Municipality:
Order No: 20160829196 Status: C	Nearest Intersection: Municipality:						

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Type: Standard Report Report Date: 30-AUG-16 Date Received: 29-AUG-16 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos					
Client Prov/State: CA Search Radius (km): .25 X: -75.940739 Y: 45.296388					
3	1 of 1	W/125.6	102.9 / 1.00	TAGGART CONSTRUCTION LIMITED 8700 Campeau DR Stittsville ON K2S 1B9	EASR
Approval No: R-009-6112066242 Status: REGISTERED Date: 2020-02-25 Record Type: EASR Link Source: MOFA Project Type: Water Taking - Construction Dewatering Full Address: Approval Type: EASR-Water Taking - Construction Dewatering Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2221321					
SWP Area Name: Mississippi Valley MOE District: Ottawa Municipality: Stittsville Latitude: 45.29388889 Longitude: -75.94777778 Geometry X: Geometry Y:					
4	1 of 1	NNE/221.3	101.9 / 0.00	UBCJA Local 93 & UBCJA Local 2041 Building Corporation 8560 Campeau Dr Ottawa ON K1P 1J1	ECA
Approval No: 2457-A6TMAW Approval Date: 2016-02-16 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: UBCJA Local 93 & UBCJA Local 2041 Building Corporation Address: 8560 Campeau Dr Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7834-9ZXLF14-14.pdf					
MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:					
5	1 of 1	E/237.8	100.6 / -1.31	lot 2 con 2 ON	WWIS
Well ID: 1529619 Construction Date: Primary Water Use: Not Used Sec. Water Use: Final Well Status: Abandoned-Supply Water Type: Casing Material: Audit No: 183345 Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N):					
Data Entry Status: Data Src: 1 Date Received: 10/17/1997 Selected Flag: True Abandonment Rec: Contractor: 1558 Form Version: 1 Owner: Street Name: County: OTTAWA Municipality: HUNTLEY TOWNSHIP Site Info: Lot: 002 Concession: 02 Concession Name: CON Easting NAD83: Northing NAD83: Zone:					

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

Flow Rate:
Clear/Cloudy: UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1529619.pdf

Additional Detail(s) (Map)

Well Completed Date: 1997/09/25
 Year Completed: 1997
 Depth (m): 60.96
 Latitude: 45.2975746762497
 Longitude: -75.9380555316731
 Path: 152\1529619.pdf

Bore Hole Information

Bore Hole ID:	10051154	Elevation:	102.628059
DP2BR:	41.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	426450.60
Code OB Desc:	Bedrock	North83:	5016436.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	25-Sep-1997 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 931073325
 Layer: 1
 Color: 6
 General Color: BROWN
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 79
 Mat2 Desc: PACKED
 Mat3:
 Mat3 Desc:
 Formation Top Depth: 0.0
 Formation End Depth: 10.0
 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931073328
 Layer: 4
 Color: 2
 General Color: GREY
 Mat1: 15
 Most Common Material: LIMESTONE
 Mat2: 78
 Mat2 Desc: MEDIUM-GRAINED
 Mat3: 73
 Mat3 Desc: HARD

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		41.0			
Formation End Depth:		150.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931073326			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		86			
Mat2 Desc:		STICKY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		38.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931073329			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		78			
Mat2 Desc:		MEDIUM-GRAINED			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		150.0			
Formation End Depth:		200.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931073327			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		81			
Mat2 Desc:		SANDY			
Mat3:		68			
Mat3 Desc:		DRY			
Formation Top Depth:		38.0			
Formation End Depth:		41.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933114644			
Layer:		1			
Plug From:		43			
Plug To:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961529619			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10599724			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930089291			
Layer:		1			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		44			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930089292			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		200			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
6	1 of 2	W/240.4	102.9 / 1.00	425 Huntmar Dr Ottawa ON K2S1B9	EHS
Order No:		20140224012		Nearest Intersection:	
Status:		C		Municipality: Geographic Township of Huntley	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		04-MAR-14		Search Radius (km): .25	
Date Received:		24-FEB-14		X: -75.940538	
Previous Site Name:				Y: 45.299292	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
6	2 of 2	W/240.4	102.9 / 1.00	West Ottawa Land Holdings Inc. 425 Huntmar Drive, City of Ottawa, Ontario CITY OF OTTAWA ON	PTTW
EBR Registry No:		012-3736		Decision Posted:	
Ministry Ref No:		1437-9UFSWW		Exception Posted:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Notice Type:		Instrument Decision		Section:	
Notice Stage:				Act 1:	
Notice Date:		May 27, 2015		Act 2:	
Proposal Date:		March 12, 2015		Site Location Map:	
Year:		2015			
Instrument Type:		(OWRA s. 34) - Permit to Take Water			
Off Instrument Name:					
Posted By:					
Company Name:		West Ottawa Land Holdings Inc.			
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:		225 Metcalfe Street , Suite 708, Ottawa Ontario, Canada K2P 1P9			
Comment Period:					
URL:					
Site Location Details:					
425 Huntmar Drive, City of Ottawa, Ontario CITY OF OTTAWA					

<u>7</u>	1 of 2	SSE/247.5	100.0 / -1.86	lot 3 con 1 ON	WWIS
Well ID:		1533405		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Not Used		Date Received: 12/17/2002	
Sec. Water Use:				Selected Flag: True	
Final Well Status:		Abandoned-Other		Abandonment Rec:	
Water Type:				Contractor: 1558	
Casing Material:				Form Version: 1	
Audit No:		250501		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/153\1533405.pdf

Additional Detail(s) (Map)

Well Completed Date: 2002/11/05
Year Completed: 2002
Depth (m):
Latitude: 45.2951377358955
Longitude: -75.9399462378063
Path: 153\1533405.pdf

Bore Hole Information

Bore Hole ID: 10530152 **Elevation:** 103.761970
DP2BR: **Elevrc:**
Spatial Status: **Zone:** 18
Code OB: — **East83:** 426299.20

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:	No formation data			North83:	5016167.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	05-Nov-2002 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:					

Method of Construction & Well Use

Method Construction ID: 961533405
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11078722
Casing No: 1
Comment:
Alt Name:

<u>7</u>	2 of 2	SSE/247.5	100.0 / -1.86	lot 3 con 1 ON	WWIS
Well ID:	1533406			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/17/2002
Sec. Water Use:				Selected Flag:	True
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:	250488			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/153\1533406.pdf

Additional Detail(s) (Map)

Well Completed Date: 2002/11/01
Year Completed: 2002
Depth (m): 44.196
Latitude: 45.2951377358955
Longitude: -75.9399462378063
Path: 153\1533406.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10530153			Elevation:	103.761970
DP2BR:	3.00			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	426299.20
Code OB Desc:	Bedrock			North83:	5016167.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	01-Nov-2002 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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932881038				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	18				
Most Common Material:	SANDSTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	60.0				
Formation End Depth:	145.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932881037				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:	73				
Mat2 Desc:	HARD				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	3.0				
Formation End Depth:	60.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932881036				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Mat2 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933230467			
Layer:		1			
Plug From:		0			
Plug To:		21			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961533406			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11078723			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930096891			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930096890			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991533406			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		60.0			
Recommended Pump Depth:		75.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934120164			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934395018			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		75.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934664298			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		100.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934912423			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		140.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		934022869			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		137.0			
Water Found Depth UOM:		ft			

8 1 of 1 **SSE/249.8** **99.9 / -2.00** **ON** **BORE**

Borehole ID:	848684	Inclin FLG:	No
OGF ID:	215590304	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Completion Date:	06-MAY-1992			Municipality:	
Static Water Level:				Lot:	LOT 3
Primary Water Use:				Township:	HUNTLEY
Sec. Water Use:				Latitude DD:	45.295185
Total Depth m:	1.5			Longitude DD:	-75.939707
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	426318
Drill Method:	Power auger			Northing:	5016172
Orig Ground Elev m:	103			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:	6561865			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Organic			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	150mm DARK BROWN ORGANIC SANDY SILTY CLAY ROOTMAT **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6561866			Mat Consistency:	Stiff
Top Depth:	.1			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:	Brown			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:	STIFF BROWNISH GREY SILTY CLAY TRACE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.				

<u>9</u>	1 of 3	E/249.9	100.9 / -1.00	JEFFREY DOUGLAS MORRISON 8555 CAMPEAU DR., OTTAWA, ON, K2T 0K5, CA ON	PINC
Incident ID:				Pipe Material:	
Incident No:	1918874			Fuel Category:	Natural Gas
Incident Reported Dt:	8/8/2016			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:				Property Damage:	Yes
Tank Status:	Pipeline Damage Reason Est			Service Interrupt:	
Task No:	6279768			Enforce Policy:	Yes
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2016/08/09			Regulator Location:	
Depth:				Method Details:	E-mail
Customer Acct Name:	JEFFREY DOUGLAS MORRISON				
Incident Address:	8555 CAMPEAU DR., OTTAWA, ON, K2T 0K5, CA				
Operation Type:					
Pipeline Type:					
Regulator Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Summary:		8555 CAMPEAU DRIVE, OTTAWA - PIPELINE HIT - 4"			
Reported By:		Ryan Noble - ENBRIDGE			
Affiliation:					
Occurrence Desc:					
Damage Reason:		Excavation practices not sufficient			
Notes:					

9	2 of 3	E/249.9	100.9 / -1.00	TIMMINS SQUARE LIMITED PARTNERSHIP 8555 CAMPEAU DR KANATA ON K2T 0K5	EASR
Approval No:		R-009-2596290189	SWP Area Name: Mississippi Valley		
Status:		REGISTERED	MOE District: Ottawa		
Date:		2016-05-20	Municipality: KANATA		
Record Type:		EASR	Latitude: 45.29888889		
Link Source:		MOFA	Longitude: -75.93527778		
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=2021887			

9	3 of 3	E/249.9	100.9 / -1.00	Cosmetics Company Store 684 8555 Campeau Drive Ottawa ON K2T0K5	GEN
Generator No:		ON4399638	PO Box No:		
Status:		Registered	Country: Canada		
Approval Years:		As of Apr 2021	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:					
SIC Description:					

Detail(s)

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

Unplottable Summary

Total: 7 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Taggart Construction Limited	Mobile Facility	Ottawa ON	
CA	OTTAWA CITY	CAMPEAU INDUSTRIAL SUBD. ST.	OTTAWA CITY ON	
CONV	Taggart Construction Limited		Ottawa ON	
EBR	Taggart Construction Limited	Mobile Facility Ottawa Ontario Ottawa	ON	
ECA	City of Ottawa	Campeau Dr	Ottawa ON	K2G 6J8
ECA	Taggart Construction Limited	Mobile Facility	Ottawa ON	K1V 8Y3
SPL	Taggart Construction Limited		Ottawa ON	

Unplottable Report

Site: *Taggart Construction Limited*
Mobile Facility Ottawa ON

Database:
CA

Certificate #: 0636-7KEL2F
Application Year: 2008
Issue Date: 11/19/2008
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *OTTAWA CITY*
CAMPEAU INDUSTRIAL SUBD. ST. OTTAWA CITY ON

Database:
CA

Certificate #: 3-0719-86-
Application Year: 86
Issue Date: 6/6/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Taggart Construction Limited*
Ottawa ON

Database:
CONV

File No: 012802
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description:

Location:
Region:
Ministry District:

Taggart Construction Limited, Paterson Group Inc. and Robert Passmore have been fined \$5,000 each, totalling \$15,000 plus a victim fine surcharge, after pleading guilty on January 15, 2009 to violations under the Ontario Water Resources Act. Taggart Construction Limited and Paterson Group Inc. were convicted of failing to comply with a Provincial Officer Order by taking more than 50,000 litres of water per day, and Mr. Passmore was convicted of giving false or misleading information to the ministry. The parties were given six months to pay the fine. The Court heard that Taggart Construction Limited was contracted by a developer to install municipal services at a subdivision in Ottawa which required dewatering activities. After being issued a Provincial Officer Order to restrict water taking activities to below 50,000 litres per day until a permit had been obtained, Taggart hired Paterson

Group Inc. to submit an application for the permit. Taggart then pumped over 50,000 litres of water based on information provided by Paterson Group employee, Mr. Passmore, that the go ahead to pump had been given when a permit had yet to be issued. In an interview with ministry investigators, Mr. Passmore denied giving Taggart verbal approval to pump in excess of 50,000 litres per day. Taggart Construction Limited, Paterson Group Inc. and Mr. Passmore were charged following an investigation by the Ministry of the Environment's Investigations and Enforcement Branch.

Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section:
Act/Regulation/Section: OWRA
Date of Offence:
Date of Conviction:
Date Charged: January 15, 2009
Charge Disposition: fine, victim fine surcharge
Fine: \$5,000
Synopsis:

Site: **Taggart Construction Limited**
Mobile Facility Ottawa Ontario Ottawa ON

Database:
EBR

EBR Registry No: IA07E0165
Ministry Ref No: 8556-6XWUA3
Notice Type: Instrument Decision
Notice Stage:
Notice Date: December 09, 2008
Proposal Date: January 30, 2007
Year: 2007
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: Taggart Construction Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 3187 Albion Rd S, Ottawa Ontario, K1V 8Y3
Comment Period:
URL:

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

Site Location Details:

Mobile Facility Ottawa Ontario Ottawa

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:
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>

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

Site: Taggart Construction Limited
Mobile Facility Ottawa ON K1V 8Y3

Database:
ECA

Approval No: 0636-7KEL2F
Approval Date: 2008-11-19
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Taggart Construction Limited
Address: Mobile Facility
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8556-6XWUA3-14.pdf>

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

Site: Taggart Construction Limited
Ottawa ON

Database:
SPL

Ref No: 7584-BB3KRQ
Site No: NA
Incident Dt: 4/4/2019
Year:
Incident Cause:
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/9/2019
Dt Document Closed:
Incident Reason:
Site Name: 1896 John Quinn rd, Metcalfe<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Mobile Crusher Relocation - 2019
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type: Corporation
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

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-Nov 2020

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 / 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-Apr 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 is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: 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-Mar 31, 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-Jun 2020

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 30th, 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.

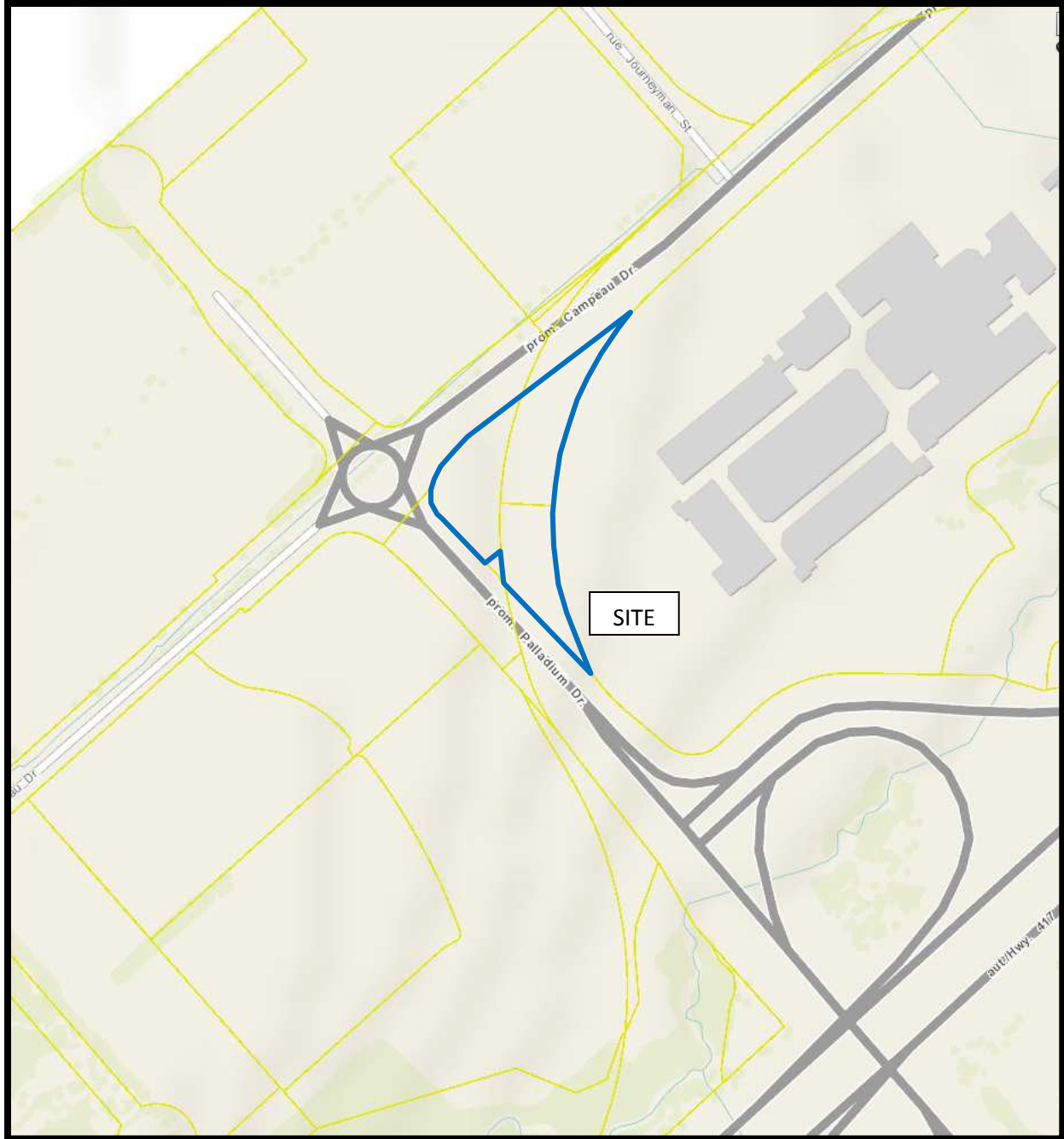
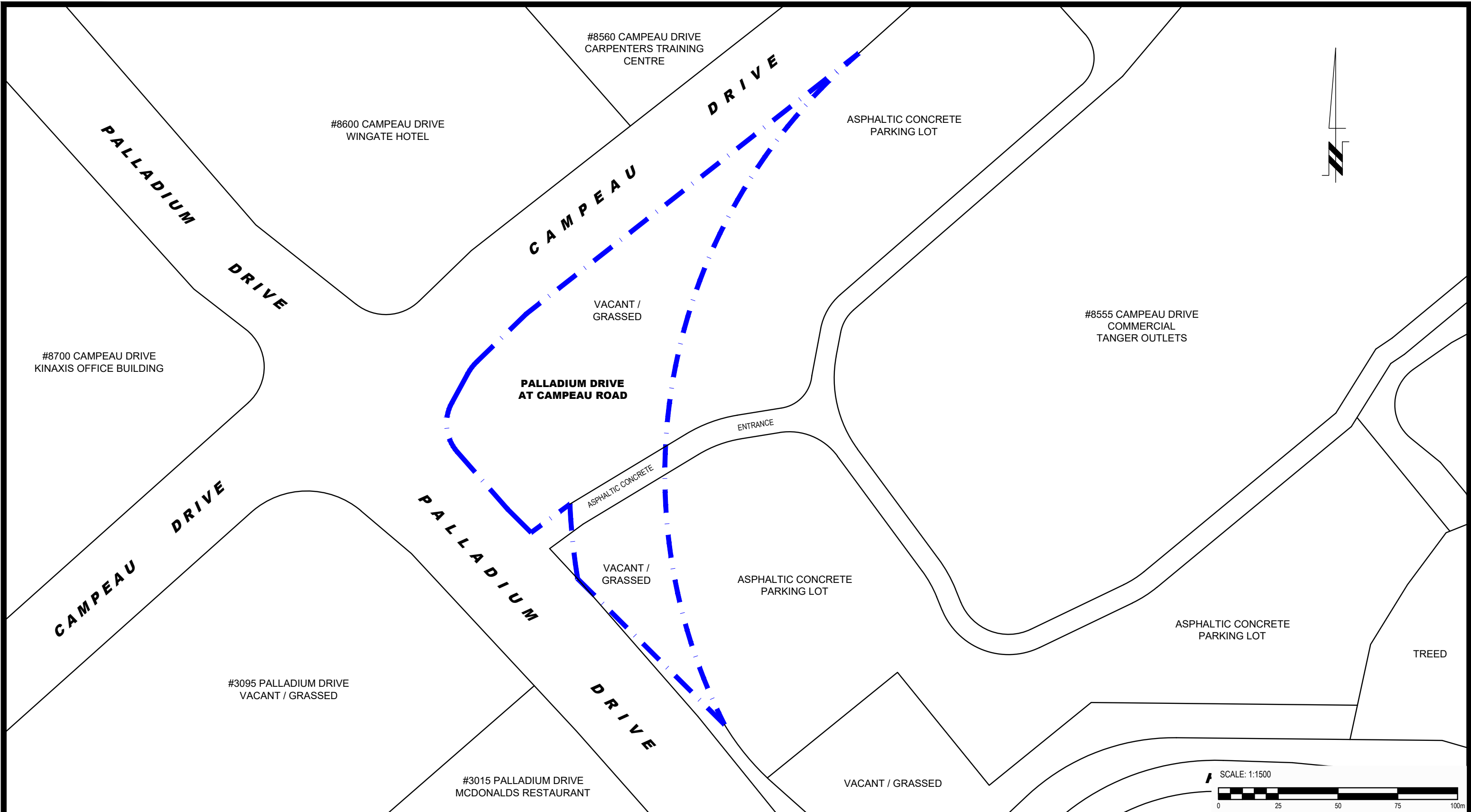


FIGURE 1
KEY PLAN



patersongroup
 consulting engineers

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

NO.	REVISIONS	DATE	INITIAL
0			

SUNCOR ENERGY PRODUCTS INC.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT UPDATE

PALLADIUM DRIVE AT CAMPEAU DRIVE

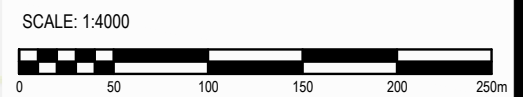
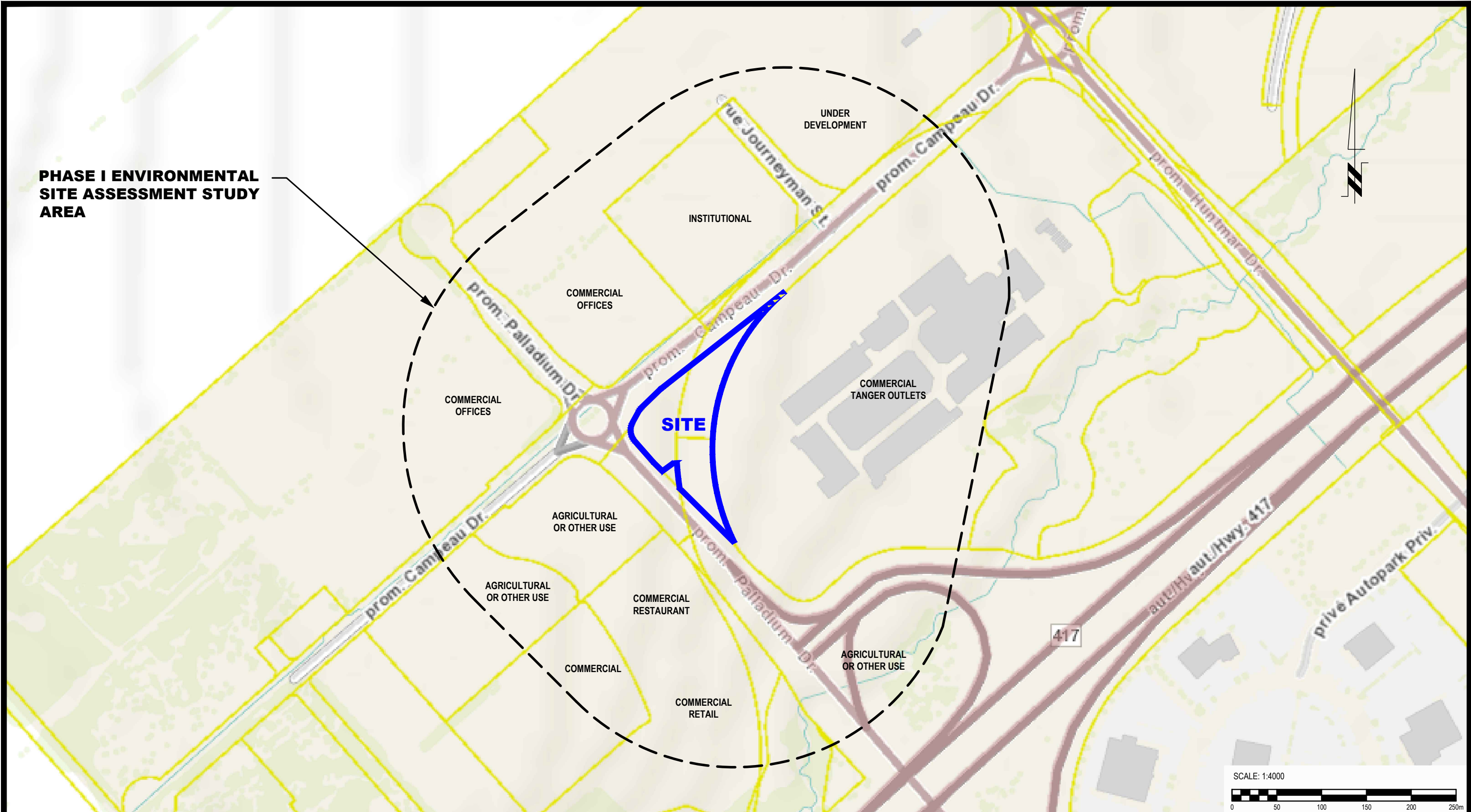
OTTAWA, ONTARIO

SITE PLAN

Scale:	1:1500	Date:	09/2021
Drawn by:	MPG	Report No.:	PE5438-1
Checked by:	JA	Dwg. No.:	PE5438-1
Approved by:	MSD	Revision No.:	

p:\autocad drawings\environmental\pe5438\pe5438-1 site plan.dwg

**PHASE I ENVIRONMENTAL
SITE ASSESSMENT STUDY
AREA**



patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL
0			

SUNCOR ENERGY PRODUCTS
PHASE I - ENVIRONMENTAL SITE ASSESSMENT UPDATE
PALLADIUM DRIVE AT CAMPEAU DRIVE

OTTAWA, ONTARIO

Title: **SURROUNDING LAND USE PLAN**

Scale:	1:4000	Date:	09/2021
Drawn by:	MPG	Report No.:	PE5438-1
Checked by:	JA	Dwg. No.:	PE5438-2
Approved by:	MSD	Revision No.:	