



PATERSON GROUP

November 22, 2022
File: PE5915-LET.01

Consulting Engineers

9 Auriga Drive
Ottawa, Ontario
K2E 7T9

Tel: (613) 226-7381

Metric Homes

4829 Abbott Street East
Ottawa, Ontario
K2V 0L4

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

Attention: **Mr. Pierre Bernier**

patersongroup.ca

Subject: **Phase I Environmental Site Assessment Update
4829 Abbott Street East
Ottawa, Ontario**

Dear Sir,

Further to your request, Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (ESA) Update for the aforementioned property. This report updates a Phase I ESA entitled "Phase I Environmental Site Assessment, 950 Terry Fox Drive, Ottawa, Ontario" prepared by Houle Chevrier Engineering, dated September 11, 2014," specifically in relation to 4829 Abbott Street East.

This update report is intended to meet the requirements for an updated Phase I ESA, as per the MECP O.Reg. 153/04, as amended. This update report is to be read in conjunction with the 2014 report.

Background

The Phase I Property is located on the northeast corner of the intersection of Abbott Street East and Cranesbill Road in the City of Ottawa, Ontario. Refer to Figure 1 - Key Plan following the text of this letter.

The Phase I Property is an irregular shaped lot with a footprint of 9325 m² that was part of a larger tract of land formerly addressed 950 Terry Fox Drive. The Phase I Property is situated in an area undergoing significant residential development.



Previous Engineering Reports

The Phase I ESA report, entitled “*Phase One Environmental Site Assessment, 950 Terry Fox Drive, Ottawa, Ontario,*” prepared by Houle Chevrier Engineering Ltd., dated September 11, 2014, was reviewed as part of this assessment.

The Phase I ESA indicated that Phase I Property was vacant agricultural land and had never been developed. No potentially contaminating activities (PCAs) were identified to have resulted in areas of potential environmental concern (APECs) on the Phase I Property. No further investigation was recommended.

This Phase I ESA Update is required to satisfy the requirements prescribed in Section 28 of the O.Reg 153/04.

Records Update

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on November 9, 2022. The Phase I Property was not listed in the NPRI database. No records of pollutant release were listed in the database for properties located within the Phase I Study Area.

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

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to MECP issued instruments for the site, as well as reports related to environmental conditions or records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the Phase I Property, in addition to any waste management records. According to the MECP, there were no records found related to the Phase I Property. A copy of the MECP FOI response is appended to this letter.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment for the site, neighbouring properties and the general area of the site. No Records of Site Condition (RSCs) were filed for the Phase I Property. No RSC properties were identified in the Phase I Study Area.



Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto, was contacted November 8, 2022, to inquire about current and former underground/aboveground storage tanks, spills, and incidents for the Phase I Property and neighbouring properties. No records were found for the Phase I Property or neighbouring properties. A copy of the TSSA correspondence is provided in the Appendix.

City of Ottawa Historical Land Use Inventory (HLUI)

A search request for the City of Ottawa's Historical Land Use Inventory database was requested as part of this assessment. A response had not been received from the City by the time this report was issued. A copy of the HLUI response will be forwarded upon receipt should it contain any pertinent information. A copy of the application has been appended to this report.

Environmental Risk Information Services (ERIS) Report

An ERIS (Environmental Risk Information Service) Report was obtained for the Phase I Property and properties within the Phase I Study Area. According to the ERIS report, there are no records associated with the Phase I Property. There were several environmental compliance approvals related to municipal and private sewage works in the study area, as well as pesticide register records for an operator in the study area. One drilled well record from 2015 was identified in the study area, but no other details were provided. The ERIS report also indicated 2 natural gas line incidents in the study area. None of these activities are considered to have resulted in an area of potential environmental concern on the Phase I Property. A copy of the report is appended to this letter.

Aerial Photographs

The latest aerial photograph reviewed as part of the original Phase I ESA was from 2011. The 2014 and 2021 aerial photographs were reviewed for this update, which show a period of residential development in the study area. In the 2014 aerial photo, the stormwater management area east of the Phase I Property is under development and a construction access road is visible south of the Phase I Property. The current Metric Homes sales and administrative office building is visible on the Phase I Property in the 2021 aerial photo and significant residential development has taken place west and south of the site. The stormwater management area has been completed in the 2021 aerial photo. The stormwater management area is considered to be an industrial land use and is, therefore, considered a potentially contaminating activity (PCA). However, due to the off-site, downgradient location of the stormwater management area, it is not considered to have resulted in an area of potential environmental concern on the Phase I Property.



Well Records

A search of the MECP's website for all drilled well records within 250m of the Phase I Property was conducted. Based on the online mapping search results, one well record was identified on the Phase I Property. This well was drilled in 2015, but no other details are available. Given the lack of available information, the location of the well, date of installation, surrounding land use, and availability of municipal services, this well is not considered to be a concern with respect to the Phase I Property. A copy of the well record is appended to this report.

Property Owner Representative Interview

Mr. Stephan Keedwell, Executive Vice President of Metric Homes, was interviewed during the site visit, as discussed below. Mr. Keedwell indicated that the on-site building was constructed in 2016. The attached garage bays are used for storage and parking. He indicated that the fill surrounding the developed portion of the Phase I Property is imported fill which was placed there for surcharge purposes and would be removed prior to or as part of future planned development of the site. He was not aware of any environmental concerns with respect to the Phase I Property or the surrounding properties.

Further discussion with Christopher Bernier (owner, VP – Construction, Metric Homes), Pierre Bernier, and Owen Canton, EIT (Paterson Group), confirmed that the bulk of this fill originated in the area of the stormwater management area and is reworked native material. Some clean fill was imported as well as part of the surcharge program. As such, the presence of this fill material on-site is not considered a PCA.

Any other pertinent information obtained during the interview has been included in the relevant sections of this report.

Site Reconnaissance

A site visit was conducted on November 18, 2022, by Paterson personnel. The weather conditions were overcast with a temperature of approximately -5° C. In addition to the site, the uses of neighbouring properties within the Phase I Study Area were also assessed at the time of the site visit.

The Phase I Property is currently occupied by a sales and administrative office building, which has 2 attached garage bays. No concerns were identified with respect to the on-site building. The Phase I Property is also occupied by an asphalt parking area, along with some landscaped areas associated with the on-site building. The majority of the site is undeveloped.



Site drainage consists primarily of infiltration with some sheetflow to catchbasins located on Abbott Street East. The site topography is generally flat, though the ground surface in the undeveloped area is generally 1.5-2 m higher than the developed portion. The local topography generally slopes to the north toward the stormwater management area. No signs of staining or discolouration were observed on the ground, which was snow-covered at the time of the site visit. No PCAs were identified during the site visit.

No evidence of any aboveground or underground storage tanks was noted at the time of the site visit. No areas of ponded water exist. No evidence of current or former railway or spur lines was observed on the Phase I Property at the time of the site visit. No areas of unidentified substances were observed on-site at this time.

Neighbouring Properties

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

- ☐ North: Vacant land/stormwater management area.
- ☐ East: Vacant land/stormwater management area.
- ☐ West: Residential land use.
- ☐ South: Abbott Street East followed by residential land use.

The stormwater management area, as seen in the 2021 aerial photo, was observed. No other PCAs were identified on properties within the Phase I Study Area. The neighbouring land use within the Phase I Study Area is illustrated on Drawing PE5915-2 – Surrounding Land Use Plan.

Conceptual Site Model Update

Based on the review of current information for the Phase I Property as well as the recent site visit, the following constitute the changes to the Phase I Conceptual Site Model:

Fill Placement

Based on observations made during the site visit, large amounts of fill material have been placed on the Phase I Property. Further investigation revealed that this material was placed on-site as part of a surcharge program and consists of clean imported fill as well as reworked native material from the adjacent property (removed during excavation of the



stormwater management pond). This fill is not a concern with respect to the Phase I Property.

Existing Buildings and Structures

The Phase I Property is occupied by a one-storey building, which currently houses the Metric Homes sales and administrative offices. It has two attached garage bays used for storage and parking. No other structures were observed on-site.

Subsurface Structures and Utilities

The Phase I Property has underground municipal utilities as well as buried electrical, communications, and natural gas lines.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area consists primarily of residential land use, with vacant and/or undeveloped lands and a stormwater management area to the northeast.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

No PCAs were identified on the Phase I Property. One PCA was identified within the study area; however, this is not considered to result in an APEC on the Phase I Property.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of the Phase I ESA Update is considered to be sufficient to conclude that there are no PCAs that have resulted in an APEC on the Phase I Property.

A variety of independent sources were consulted as part of this assessment, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

Conclusion

As a result of the records update and follow-up site visit undertaken as part of this assessment in order to meet the requirements of O.Reg. 153/04, as amended, **it is our opinion that a Phase II ESA is not required for the Phase I Property.**



Statement of Limitations

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

Kelly Martinell, P.Eng.

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





Report Distribution:

- ☐ Metric Homes
- ☐ Paterson Group

Appendix:

- ☐ Survey Plan
- ☐ MECP FOI Response
- ☐ MECP Well Record
- ☐ TSSA Response
- ☐ HLUI Application
- ☐ ERIS Report
- ☐ Figure 1 – Key Plan
- ☐ Drawing PE5915-1 – Site Plan
- ☐ Drawing PE5915-2 – Surrounding Land Use Plan



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

COORDINATES WERE DERIVED FROM PLAN 4R-30388
AND ARE MTM ZONE 9, NAD83 ORIGINAL.

COORDINATES HAVE BEEN DETERMINED TO AN URBAN ACCURACY
IN ACCORDANCE WITH SECTION 14(2) OF OREG 216/10.

POINT ID	NORTHING	EASTING
6	5015812.38	352992.97
14	5016497.33	352397.81
171	5015998.55	353231.44
172	5016231.69	353021.57

COORDINATES CANNOT IN THEMSELVES BE USED TO RE-ESTABLISH
CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.

LEGEND

- SURVEY MONUMENT SET
- SURVEY MONUMENT FOUND
- SSB STANDARD IRON BAR
- SSB SHORT STANDARD IRON BAR
- IRON BAR
- OUT CROSS
- CONCRETE PIN
- PLASTIC BAR
- MAGNETIC NAIL
- PLAN 4R-30388
- (P) PLAN 4R-30388
- (S) SET
- (M) MEASURED
- EXP EXPROPRIATION
- P1 PLAN 4R-29613
- P2 REGISTERED PLAN 4M-1587
- P3 PLAN 4R-30911

(857) — FAIRHALL, MOFFATT & WOODLAND LIMITED, O.L.S.
(AOC) — ANNIS, O'SULLIVAN, VOLLEBEK LTD., O.L.S.
(CITY) — CITY OF OTTAWA
(DB) — J.D. BARNES, O.L.S.
(PIN) — PROPERTY IDENTIFIER NUMBER
▲ — PROJECT CONTROL MONUMENT

NOTES

- BEARINGS ARE GRID, DERIVED FROM PLAN 4R-30388, POINTS (172) AND (171) AND ARE REFERRED TO THE CENTRAL MERIDIAN, 76°30' LONGITUDE MTM ZONE 9, NAD83 ORIGINAL.
- DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR 0.999919.

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:
1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT, THE LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.
2. THE SURVEY WAS COMPLETED APRIL 17TH, 2018.

DATE: 2018/09/13
JOHN H. GUTHRIE
ONARIO LAND SURVEYOR

PLAN OF SUBDIVISION OF
PART OF LOT 30
CONCESSION 11
GEOGRAPHIC TOWNSHIP OF GOULBOURN
Now CITY OF OTTAWA
SCALE 1 : 750

FAIRHALL, MOFFATT & WOODLAND LIMITED
ONARIO LAND SURVEYORS

OWNER'S CERTIFICATE

THIS IS TO CERTIFY THAT:
1. LOTS 1 TO 114, BOTH INCLUSIVE, BLOCKS 115 TO 126, BOTH INCLUSIVE, BLOCKS 128 TO 135, BOTH INCLUSIVE, THE STREET MOWING, NAMELY BLOCK 127, THE RESERVES NAMELY BLOCKS 136, 137, 138, 139 AND 140 AND THE STREETS, NAMELY CERLE METRIC CIRCLE, TERRASSE BOLT TERRACE, CROISSANT AXEL CRESCENT, PLATEAU ADSTOCK HEIGHTS AND RUE ENTERA STREET HAVE BEEN Laid OUT IN ACCORDANCE WITH OUR INSTRUCTIONS.
2. THE STREETS AND STREET MOWING ARE DEDICATED TO CITY OF OTTAWA AS PUBLIC HIGHWAYS.

DATED THIS 26 DAY OF SEPTEMBER 2018.

STEPHEN WILLIS, MOP, RPP, GENERAL MANAGER
PLANNING, INFRASTRUCTURE AND ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED UNDER SECTION 51 OF THE PLANNING ACT
BY THE CITY OF OTTAWA
THIS 20 DAY OF DECEMBER 2018

STEPHEN WILLIS, MOP, RPP, GENERAL MANAGER
PLANNING, INFRASTRUCTURE AND ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

SCHEDULE OF EASEMENTS

Croissant AXEL CRESCENT, cerle METRIC CIRCLE, terrace BOLT TERRACE, rue ENTERA STREET, All of Lots 1 TO 114, (Inclusive), Blocks 115 TO 121 (Inclusive), Blocks 128, 129, 127 & 128, Block 132 TO 135, (Inclusive) and Reserve Blocks 136 TO 140, (Inclusive). Subject to easement inst. OC1676328.

Plateau ADSTOCK HEIGHTS, all of Blocks 122 TO 125, (Inclusive) and Blocks 128, 130 & 131 subject to easement inst. OC1842653.

All of Block 132 subject to easement inst. GB10267.

All of Blocks 115, 116 & 128, Part of cerle METRIC CIRCLE, Lots 1 to 10 (Inclusive) and Block 117 subject to easement inst. OC1634311.

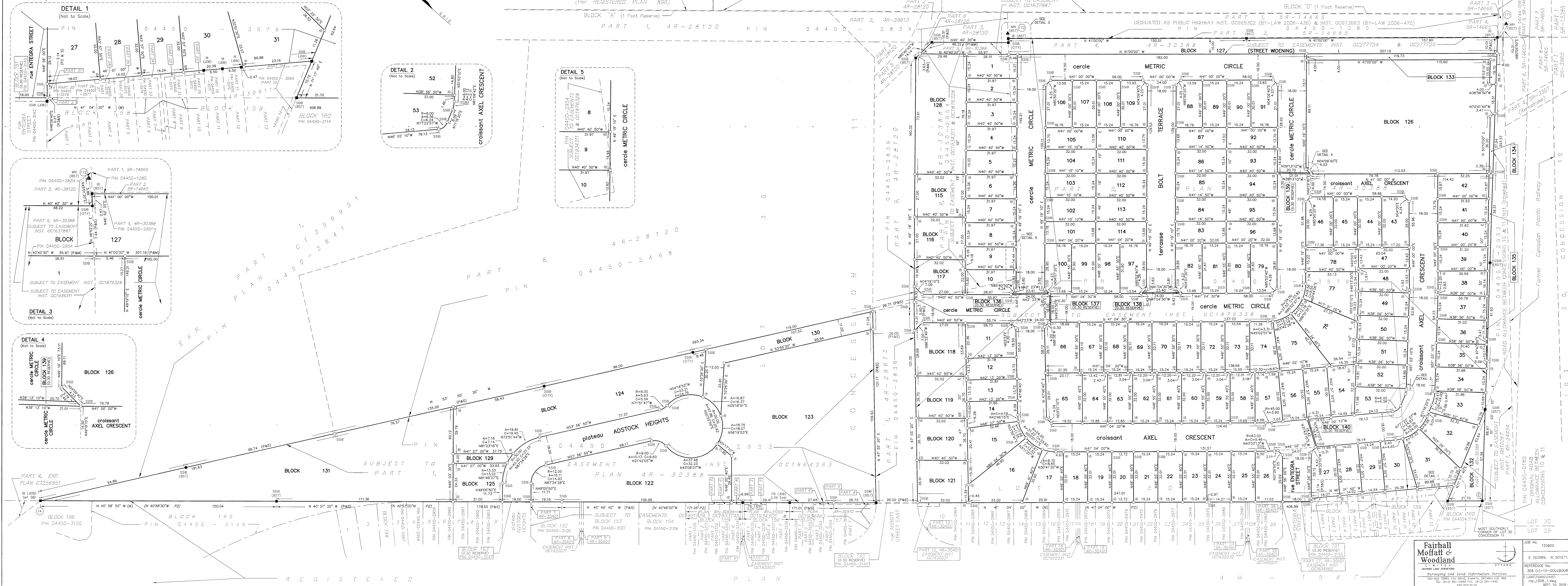
Part of Block 127 subject to easement inst. OC167887, OC277274, OC277725 & OC1934311.

PLAN 4M-1616

I certify that this Plan is registered in the Land Registry Office for the Land Titles Division of Ottawa - Carleton N° 4 at 11:04 a.m. on the 24th day of OCTOBER 2019 and entered in the parcel register for Property Identifier No's 04450-2953, 04450-2954 & 04450-3579 and required consents are registered as Plan Document No. OC2073223.

Representative for Land Registrar

THIS PLAN COMPRISES ALL OF PINS 04450-2953, 04450-2954 AND 04450-3579.



**Ministry of the Environment,
Conservation and Parks**

Access and Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075

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

Bureau de l'accès à l'information et
de la protection de la vie privée

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075



November 17, 2022

Kelly Martinelli
Patterson Group INC
9 Auriga Drive
Ottawa, Alberta K2E 7T9
KMartinell@patersongroup.ca

Dear Kelly Martinelli:

RE: MECP FOI A-2022-07972, Your Reference PE5915 – Decision Letter

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 4829 Abbott Street East and 950 Terry Fox Drive, Ottawa.

After a thorough search through the files of the ministry's Ottawa District Office, Environmental Investigations and Enforcement Branch (EIEB), and Safe Drinking Water Branch (SDW) no records were located responsive to your request. **This file is now closed.**

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at <http://www.ipc.on.ca>. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Tolani Abraham at Tolani.Abraham2@ontario.ca.

Yours truly,

ORIGINAL SIGNED BY

Ryan Gunn
Manager (A), Access and Privacy Office

Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue (<https://data.ontario.ca/dataset/well-records>) .



[Go Back to Map](#)

Well ID

Well ID Number: 7242461

Well Audit Number: C26410

Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location		
Township	GOULBOURN TOWNSHIP	
Lot		
Concession		

County/District/Municipality	OTTAWA-CARLETON	
City/Town/Village		
Province	ON	
Postal Code	n/a	
UTM Coordinates	NAD83 — Zone 18 Easting: 430468.00 Northing: 5014910.00	
Municipal Plan and Sublot Number		
Other		

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed	

Method of Construction & Well Use

Method of Construction	Well Use	

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To	

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To	

Well Contractor and Well Technician Information

Results of Well Yield Testing

After test of well yield, water was		
If pumping discontinued, give reason		
Pump intake set at		
Pumping Rate		
Duration of Pumping		
Final water level		
If flowing give rate		
Recommended pump depth		
Recommended pump rate		
Well Production		
Disinfected?		

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level

SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind	

Hole Diameter

Depth From	Depth To	Diameter	

Audit Number: C26410

Date Well Completed: May 12, 2015

Date Well Record Received by MOE: June 05, 2015

Related

How to use a Ministry of the Environment map (<https://www.ontario.ca/page/how-use-ministry-environment-map#wells>)

Kelly Martinell

From: Public Information Services <publicinformationservices@tssa.org>
Sent: November 9, 2022 3:24 PM
To: Kelly Martinell
Subject: RE: PE5915 Search Request

Please refrain from sending documents to head office. The Public Information (PI) team works remotely, mailing in applications will lengthen the overall processing time.

NO RECORD FOUND IN CURRENT DATABASE

Hello Kelly,

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

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

This is not a confirmation that there are no records in the archives. For a further search in our archives, please submit an application for release of public information (PI Form) through TSSA's new Service Prepayment Portal. The associated fee must be paid via credit card (Visa or MasterCard) through a secure site.

Please follow the steps below to access the new application(s) and Service Prepayment Portal:

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

Accessing the Service Prepayment Portal:

1. Select new or existing customer (*if you are an existing customer, you will need your account # & postal code to access your account);
2. Select the program area: AD (Amusement Devices), BPV (Boilers and Pressure Vessels), ED (Elevating Devices), FS (Fuels Services), OE (Operating Engineers) or SKI (Ski Lifts) and click continue;
3. Enter the application form number (obtained from bottom left corner of application form) and click continue;
 - a. When selecting the application form number from the drop-down menu, please make sure you select the application that begins with "PI" (i.e. PI-FS, PI-BPV etc.);
4. Complete the primary contact information section;
5. Complete the fees section;
6. Upload your completed application; and
7. Upload supporting documents (if required) and click continue.

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

Questions? Please contact TSSA's Public Information Release team at publicinformationservices@tssa.org.

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,



Nicola Carty | Public Information Agent

Public Information

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1 416-734-3221 | E-Mail: ncarty@tssa.org

www.tssa.org



Winner of 2022 5-Star Safety Cultures Award

From: Kelly Martinell <KMartinell@patersongroup.ca>

Sent: November 8, 2022 3:05 PM

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

Subject: PE5915 Search Request

[CAUTION]: This email originated outside the organisation.

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

Hello,

Would you please conduct a search of your records pertaining to underground/aboveground storage tanks, historical spills, or other incidents/infractions for the following addresses in Ottawa, Ontario:

4829, 4834, 4836, 4838, and 4840 Abbott Street East

820 Terry Fox Drive

101 and 103 Cranesbill Road

16 and 39 Adstock Heights

Thanks in advance,

Kelly



KELLY MARTINELL, P.ENG.

ENVIRONMENTAL ENGINEER

TEL: (613) 226-7381 ext. 215

DIRECT: (613) 702-8696

9 AURIGA DRIVE

OTTAWA ON K2E 7T9

patersongroup.ca

EXPLORE THE POSSIBILITIES WITH US AND VISIT OUR REFRESHED WEBSITE TODAY.

OUR DIRECT LINE FOR MATERIALS TESTING INSPECTION BOOKING HAS BEEN UPDATED,
PLEASE CALL **613-696-9677** TO BOOK AN INSPECTION.

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

Office Use Only

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



Historic Land Use Inventory

Application Form

Notice of Public Record

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

Municipal Freedom of Information and Protection Act

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

Background Information

***Site Address or Location:**

4829 Abbott Street East, Ottawa, ON

** Mandatory Field*

Applicant/Agent Information:

Name:	Kelly Martinell c/o Paterson Group Inc.		
Mailing Address:	9 Auriga Drive, Ottawa, ON K2E 7T9		
Telephone:	(613) 226-7381	Email Address:	KMartinell@patersongroup.ca

Registered Property Owner Information:

☐ Same as above

Name:	SPB Developments Inc.		
Mailing Address:	4829 Abbott Street East, Kanata, ON K2V 0L4		
Telephone:	613-809-6114	Email Address:	pierre@metrichomes.com

Site Details

Legal Description
and PIN:

Block 123, Registered Plan 4M-1616, City of Ottawa
04450-2953

What is the land
currently used for?

Residential/undeveloped

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

OR Lot area: (irregular lot) m²

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

Required Fees

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

Planning Fee

\$132.00

Submittal Requirements

The following are required to be submitted with this application:

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

Disclaimer
For use with HLUI Database

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

The City, in providing information from the HLUI, to Paterson Group Inc. _____ ("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: K Martinell

Dated (dd/mm/yyyy): 08/11/2022

Per: Kelly Martinell

(Please print name)

Title: Environmental Engineer

Company: Paterson Group Inc. _____



**PATERSON
GROUP**

November 7, 2022
File: PE5915-HLUI

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

Consulting Engineers

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

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

**Subject: Authorization Letter, HLUI Search
Phase I Environmental Site Assessment
4829 Abbott Street East
Ottawa, Ontario**

patersongroup.ca

To Whom it May Concern,

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:

SPB Developments Inc.

Name of Representative:

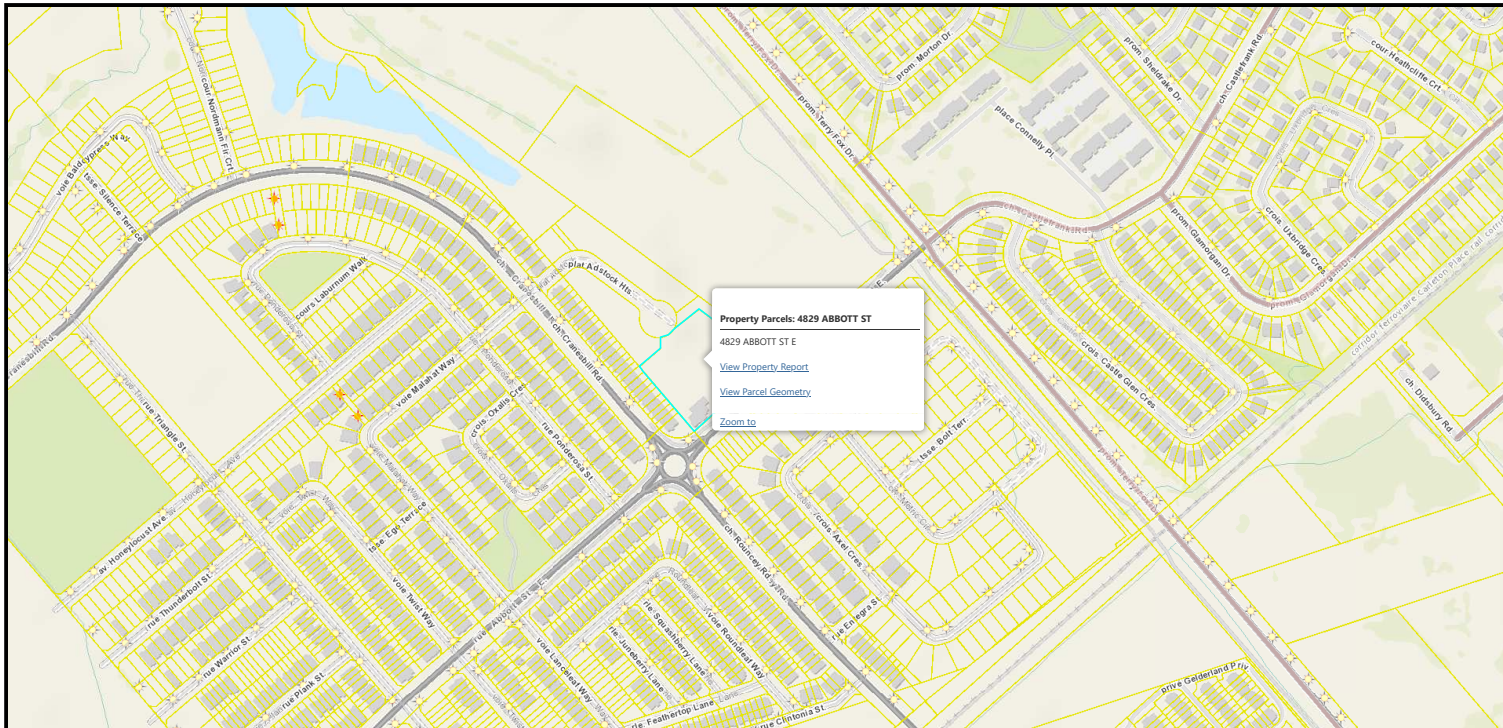
Pierre Bernier, President

Authorization of Representative:

Date:

November 8, 2022







DATABASE REPORT

Project Property:	<i>Phase I ESA - 4829 Abbott Street East 4829 Abbott Street East Kanata ON K2V 0L4</i>
Project No:	<i>P.O. # 56172/Project No. PE5915</i>
Report Type:	<i>Standard Report</i>
Order No:	<i>22110700231</i>
Requested by:	<i>Paterson Group Inc.</i>
Date Completed:	<i>November 10, 2022</i>

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property: *Phase I ESA - 4829 Abbott Street East
4829 Abbott Street East Kanata ON K2V 0L4*

Project No: *P.O. # 56172/Project No. PE5915*

Coordinates:

Latitude: *45.2834166*
Longitude: *-75.8888336*
UTM Northing: *5,014,819.40*
UTM Easting: *430,292.56*
UTM Zone: *18T*

Elevation: *324 FT
98.88 M*

Order Information:

Order No: *22110700231*
Date Requested: *November 7, 2022*
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	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	4	4
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	1	1
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	3	3
PINC	Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	1	1
Total:			0	11	11

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
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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
<u>1</u>	SPL	Enbridge Gas Distribution Inc.	Ottawa ON	ESE/140.0	0.00	<u>13</u>
<u>2</u>	PINC	ENBRIDGE GAS INC	66 & 68 AXEL CRES,,OTTAWA,ON,K2V 0L3,CA ON	ESE/178.0	0.00	<u>13</u>
<u>3</u>	EHS		950 Terry Fox Dr Ottawa On Ottawa ON	E/189.8	0.00	<u>14</u>
<u>4</u>	WWIS		ON Well ID: 7242461	ENE/197.5	0.00	<u>14</u>
<u>5</u>	ECA	Mattamy (Fernbank) Limited	570 Hazeldean Rd Lot 29, Concession 11 (JD Barnes M-Plan) Ottawa ON K2K 2M5	W/206.3	0.00	<u>15</u>
<u>5</u>	ECA	Mattamy (Fernbank) Limited	570 Hazeldean Rd Lot 29, Concession 11 (JD Barnes M-Plan) Ottawa ON K2K 2M5	W/206.3	0.00	<u>15</u>
<u>5</u>	ECA	Mattamy (Fernbank) Limited	570 Hazeldean Rd Lot 29, Concession 11 (JD Barnes M-Plan) Ottawa ON K2K 2M5	W/206.3	0.00	<u>15</u>
<u>5</u>	ECA	Mattamy (Fernbank) Limited	570 Hazeldean Rd Lot 29, Concession 11, Goulbourn Ottawa ON K2K 2M5	W/206.3	0.00	<u>16</u>
<u>6</u>	PES	Essen Services	75 Axel CRES Ottawa ON K2V 0K4	SE/215.0	0.00	<u>16</u>
<u>6</u>	PES	Essen Services	75 Axel CRES Ottawa ON K2V 0K4	SE/215.0	0.00	<u>17</u>
<u>6</u>	PES	Essen Services	75 Axel CRES Ottawa ON K2V 0K4	SE/215.0	0.00	<u>17</u>

Executive Summary: Summary By Data Source

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Sep 30, 2022 has found that there are 4 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>
Mattamy (Fernbank) Limited	570 Hazeldean Rd Lot 29, Concession 11, Goulbourn Ottawa ON K2K 2M5	W	206.34	<u>5</u>
Mattamy (Fernbank) Limited	570 Hazeldean Rd Lot 29, Concession 11 (JD Barnes M-Plan) Ottawa ON K2K 2M5	W	206.34	<u>5</u>
Mattamy (Fernbank) Limited	570 Hazeldean Rd Lot 29, Concession 11 (JD Barnes M-Plan) Ottawa ON K2K 2M5	W	206.34	<u>5</u>
Mattamy (Fernbank) Limited	570 Hazeldean Rd Lot 29, Concession 11 (JD Barnes M-Plan) Ottawa ON K2K 2M5	W	206.34	<u>5</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2022 has found that there are 1 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>
	950 Terry Fox Dr Ottawa On Ottawa ON	E	189.80	<u>3</u>

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Sep 30, 2022 has found that there are 3 PES 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>
Essen Services	75 Axel CRES Ottawa ON K2V 0K4	SE	215.02	<u>6</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Essen Services	75 Axel CRES Ottawa ON K2V 0K4	SE	215.02	<u>6</u>
Essen Services	75 Axel CRES Ottawa ON K2V 0K4	SE	215.02	<u>6</u>

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 1 PINC 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>
ENBRIDGE GAS INC	66 & 68 AXEL CRES,,OTTAWA,ON, K2V 0L3,CA ON	ESE	177.96	<u>2</u>

SPL - Ontario Spills

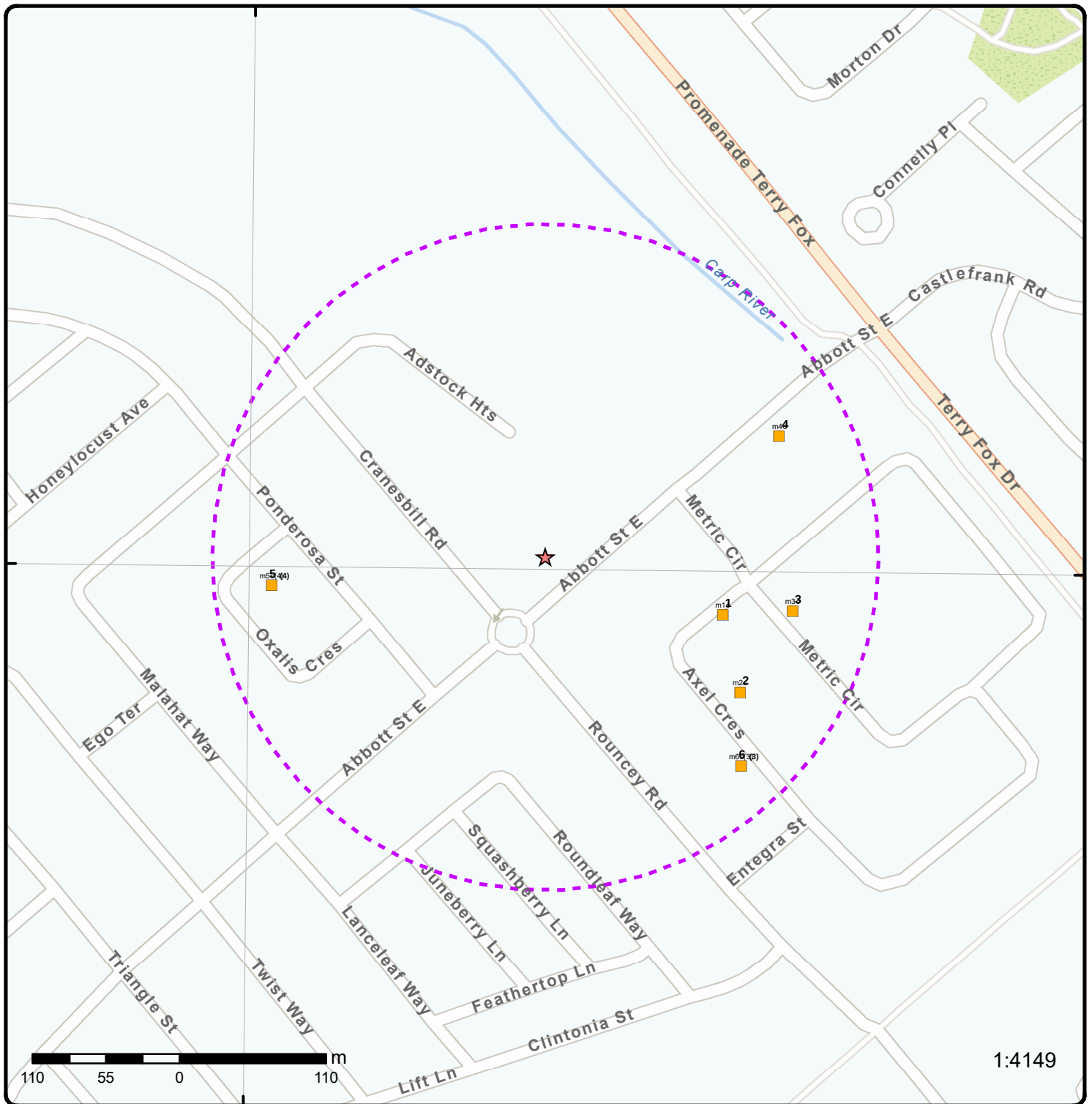
A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas Distribution Inc.	Ottawa ON	ESE	140.02	<u>1</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30 2022 has found that there are 1 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON <i>Well ID: 7242461</i>	ENE	197.45	<u>4</u>



Map: 0.25 Kilometer Radius

Order Number: 22110700231

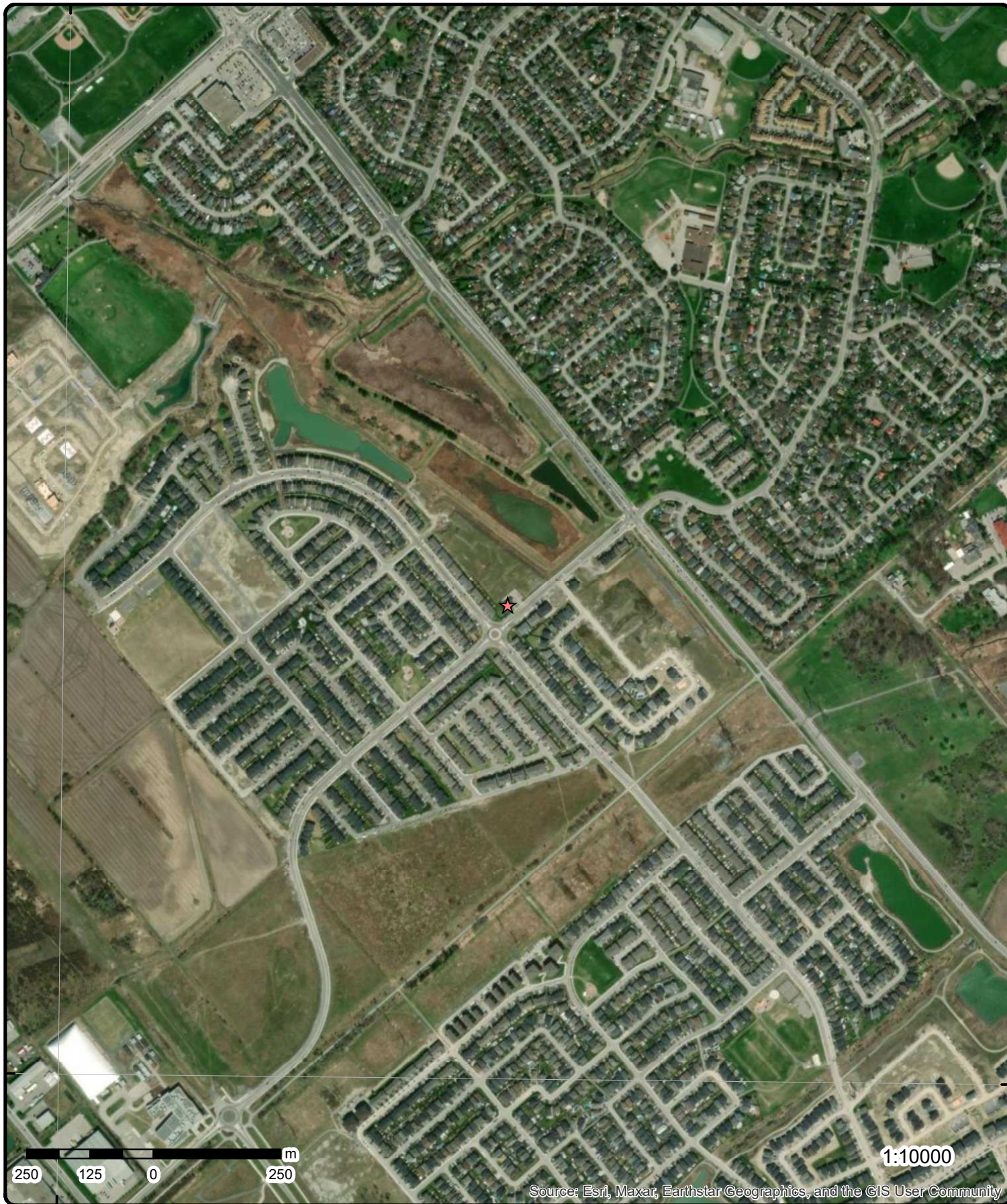
Address: 4829 Abbott Street East, Kanata, ON



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

75°54'W

45°16'30"N



45°16'30"N

1:10000

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

Aerial

Year: 2022

Order Number: 22110700231

Address: 4829 Abbott Street East, Kanata, ON



Source: ESRI World Imagery

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75°54'W

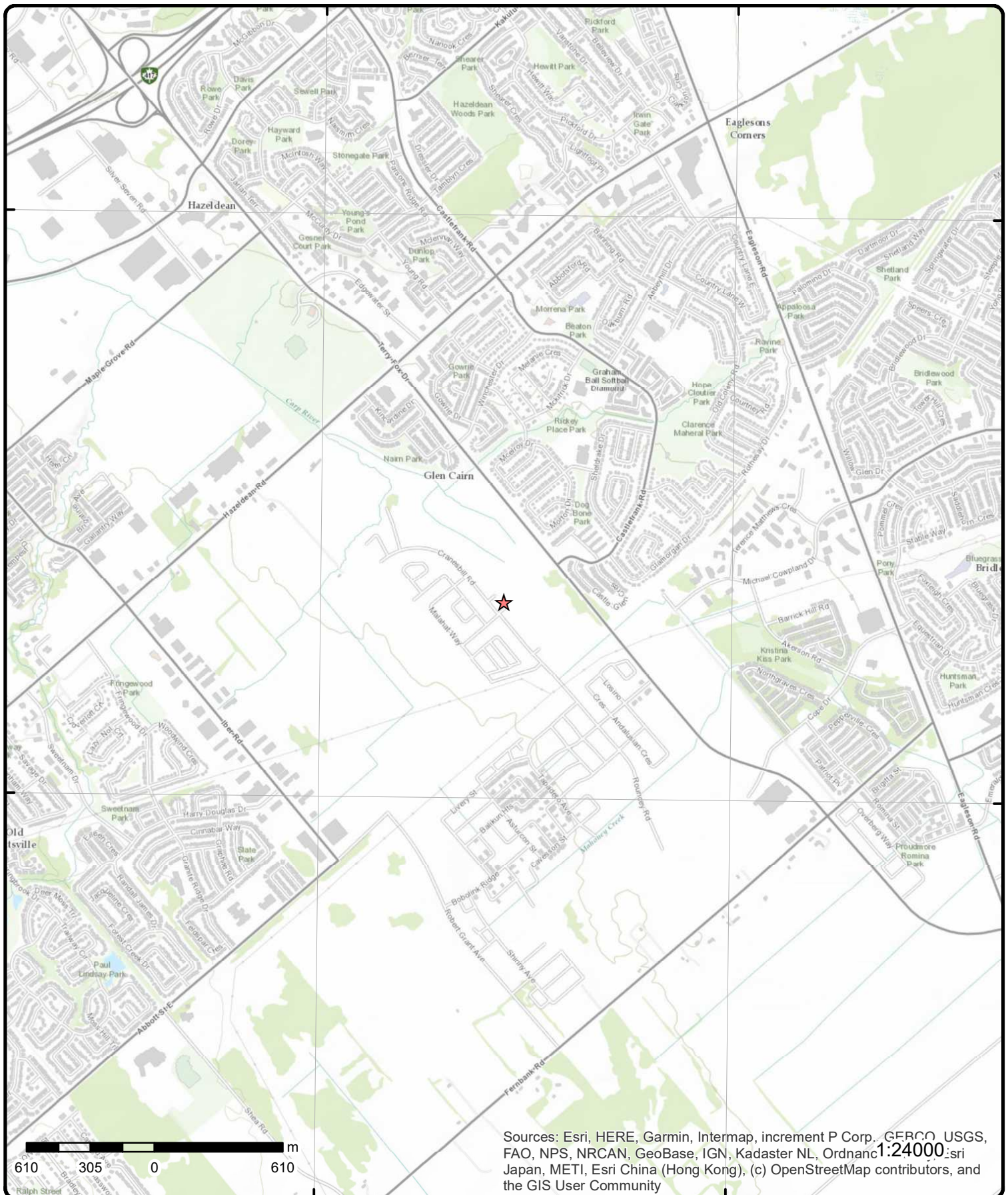
75°52'30"W

45°18'N

45°18'N

45°16'30"N

45°16'30"N



Topographic Map

Address: 4829 Abbott Street East, ON

Source: ESRI World Topographic Map

Order Number: 22110700231



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	ESE/140.0	98.9 / 0.00	Enbridge Gas Distribution Inc. Ottawa ON	SPL
Ref No: 3201-BEBV4Q Site No: NA Incident Dt: 7/22/2019 Year: Incident Cause: Incident Event: Operator/Human error Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: 1075 Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 7/22/2019 Dt Document Closed: 9/28/2019 Incident Reason: Operator/Human Error Site Name: 66/68 Axel Crescent<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: TSSA FSB: 0.5 Plastic IP Line dmgd; made safe Contaminant Qty: 1 other - see incident description		Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Corporation Client Type: Miscellaneous Communal 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: 5014775.98 Easting: 430425.68 Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Source Type: Pipeline/Components			
2	1 of 1	ESE/178.0	98.9 / 0.00	ENBRIDGE GAS INC 66 & 68 AXEL CRES,,OTTAWA,ON,K2V 0L3,CA ON	PINC
Incident Id: Incident No: 2644396 Incident Reported Dt: 7/23/2019 Type: FS-Pipeline Incident Status Code: Tank Status: Pipeline Damage Reason Est Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: ENBRIDGE GAS INC Incident Address: 66 & 68 AXEL CRES,,OTTAWA,ON,K2V 0L3,CA Operation Type: Pipeline Type: Regulator Type: Summary:		Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:					
3	1 of 1	E/189.8	98.9 / 0.00	950 Terry Fox Dr Ottawa On Ottawa ON	EHS
Order No:20140819048 Status:C Report Type:Custom Report Report Date:26-AUG-14 Date Received:19-AUG-14 Previous Site Name: Lot/Building Size: Additional Info Ordered:City Directory		Nearest Intersection: Municipality: Client Prov/State:ON Search Radius (km):.25 X:-75.886464 Y:45.28307			
4	1 of 1	ENE/197.5	98.9 / 0.00	ON	WWIS
Well ID:7242461 Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No:C26410 Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality:GOULBOURN TOWNSHIP Site Info:		Flowing (Y/N): Flow Rate: Data Entry Status:Yes Data Src: Date Received:05-Jun-2015 00:00:00 Selected Flag:TRUE Abandonment Rec:Yes Contractor:7543 Form Version:8 Owner: County:OTTAWA-CARLETON Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
PDF URL (Map):					
Additional Detail(s) (Map)					
Well Completed Date:2015/05/12 Year Completed:2015 Depth (m): Latitude:45.28424939555 Longitude:-75.886609568904 Path:					
Bore Hole Information					
Bore Hole ID:1005397192 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:		Elevation: Elevrc: Zone:18 East83:430468.00 North83:5014910.00 Org CS:UTM83			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind: Date Completed: 12-May-2015 00:00:00 Remarks: Loc Method Desc: on Water Well Record Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
				UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	
Links					
Bore Hole ID: 1005397192 Depth M: Year Completed: 2015 Well Completed Dt: 2015/05/12 Audit No: C26410					
				Tag No: Contractor: 7543 Path: Latitude: 45.28424939555 Longitude: -75.886609568904	
<u>5</u>	1 of 4	W/206.3	98.9 / 0.00	Mattamy (Fernbank) Limited 570 Hazeldean Rd Lot 29, Concession 11 (JD Barnes M-Plan) Ottawa ON K2K 2M5	ECA
Approval No: 1350-A6QM2B Approval Date: 2016-02-04 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Mattamy (Fernbank) Limited Address: 570 Hazeldean Rd Lot 29, Concession 11 (JD Barnes M-Plan) Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8227-A5UKLL-14.pdf PDF Site Location:					
<u>5</u>	2 of 4	W/206.3	98.9 / 0.00	Mattamy (Fernbank) Limited 570 Hazeldean Rd Lot 29, Concession 11 (JD Barnes M-Plan) Ottawa ON K2K 2M5	ECA
Approval No: 2971-AEDNDE Approval Date: 2016-10-12 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Mississippi Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Mattamy (Fernbank) Limited Address: 570 Hazeldean Rd Lot 29, Concession 11 (JD Barnes M-Plan) Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2232-AEAGSR-14.pdf PDF Site Location:					
<u>5</u>	3 of 4	W/206.3	98.9 / 0.00	Mattamy (Fernbank) Limited 570 Hazeldean Rd Lot 29, Concession 11 (JD Barnes M-Plan)	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ottawa ON K2K 2M5					
Approval No:	1983-AG5PQD			MOE District:	Ottawa
Approval Date:	2016-12-13			City:	
Status:	Approved			Longitude:	-75.89206
Record Type:	ECA			Latitude:	45.283698
Link Source:	IDS			Geometry X:	
SWP Area Name:	Mississippi Valley			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	Mattamy (Fernbank) Limited				
Address:	570 Hazeldean Rd Lot 29, Concession 11 (JD Barnes M-Plan)				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5943-ADZL34-14.pdf				
PDF Site Location:					
5	4 of 4	W/206.3	98.9 / 0.00	Mattamy (Fernbank) Limited 570 Hazeldean Rd Lot 29, Concession 11, Goulbourn Ottawa ON K2K 2M5	ECA
Approval No:	6261-B89JKF			MOE District:	Ottawa
Approval Date:	2019-01-11			City:	
Status:	Approved			Longitude:	-75.89206
Record Type:	ECA			Latitude:	45.283698
Link Source:	IDS			Geometry X:	
SWP Area Name:	Mississippi Valley			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	Mattamy (Fernbank) Limited				
Address:	570 Hazeldean Rd Lot 29, Concession 11, Goulbourn				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6224-B7UTZ3-13.pdf				
PDF Site Location:					
6	1 of 3	SE/215.0	98.9 / 0.00	Essen Services 75 Axel CRES Ottawa ON K2V 0K4	PES
Detail Licence No:				Operator Box:	
Licence No:	L-240-9033794183			Operator Class:	
Status:	Active			Operator No:	
Approval Date:	2019-11-08			Operator Type:	
Report Source:	PEST-Operator			Oper Area Code:	
Licence Type:	Operator			Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:	45.28194444			Operator Region:	
Longitude:	-75.88666667			Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	Ottawa
County:				SWP Area Name:	Rideau Valley
Trade Name:					
PDF URL:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2191672				
PDF Site Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	2 of 3	SE/215.0	98.9 / 0.00	Essen Services 75 Axel CRES Ottawa ON K2V 0K4	PES
Detail Licence No: Licence No: L-240-9033794183 Status: Active Approval Date: 2020-10-03 Report Source: PEST-Operator Licence Type: Operator Licence Type Code: Licence Class: Licence Control: Latitude: 45.28194444 Longitude: -75.88666667 Lot: Concession: Region: District: County: Trade Name: PDF URL: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2289056 PDF Site Location: Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: Ottawa SWP Area Name: Rideau Valley					

6	3 of 3	SE/215.0	98.9 / 0.00	Essen Services 75 Axel CRES Ottawa ON K2V 0K4	PES
Detail Licence No: Licence No: L-240-9033794183 Status: Active Approval Date: 2021-11-20 Report Source: PEST-Operator Licence Type: Operator Licence Type Code: Licence Class: Licence Control: Latitude: 45.28194444 Longitude: -75.88666667 Lot: Concession: Region: District: County: Trade Name: PDF URL: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2524326 PDF Site Location: Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: Ottawa SWP Area Name: Rideau Valley					

Unplottable Summary

Total: 6 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	CLARIDGE HOMES (KANATA) INC.	PT.LOT 30/CONC.XI (SWM)	KANATA CITY ON	
CA	Westcreek Meadows - Phase 2B	Part of West Half of Lot 30, Concession 11	Kanata ON	
CA		Lots 28, 29 and 30, Concessions 10 and 11 Abbott Street and Terry Fox Drive	Ottawa ON	
CA	Westcreek Meadows - Phase 2B	Part of West Half of Lot 30, Concession 11	Kanata ON	
PINC	PIPELINE HIT 2"	ROUNDLEAF WAY & ROUNCEY ROAD,, OTTAWA,ON,K2V 0K1,CA	ON	
SPL	Enbridge Gas Distribution Inc.	Between Roundleaf Way & Rouncey Road, Ottawa	Ottawa ON	

Unplottable Report

Site: CLARIDGE HOMES (KANATA) INC.
PT.LOT 30/CONC.XI (SWM) KANATA CITY ON

Database:
CA

Certificate #: 3-1116-96-
Application Year: 96
Issue Date: 10/22/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Westcreek Meadows - Phase 2B
Part of West Half of Lot 30, Concession 11 Kanata ON

Database:
CA

Certificate #: 1686-4PZLMV
Application Year: 00
Issue Date: 10/12/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Claridge Homes (Kanata) Inc.
Client Address: 210 Gladstone Avenue, Suite #2001
Client City: Ottawa
Client Postal Code: K2P 0Y6
Project Description: This application is for the installation of sanitary and storm sewers on Kincardine Drive to serve the Westcreek Meadows, Phase 2B, subdivision.
Contaminants:
Emission Control:

Site: Lots 28, 29 and 30, Concessions 10 and 11 Abbott Street and Terry Fox Drive Ottawa ON

Database:
CA

Certificate #: 4472-4Y5KHJ
Application Year: 01
Issue Date: 7/6/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: Installation of 406 mm dia. watermain within the existing Abbott Street and Terry Fox Drive right-of-way (approximately 2055 m). Works will include valve chambers, fire hydrants. The link will strengthen the water supply to residents of Stittsville and will provide necessary redundancy.
Contaminants:
Emission Control:

Site: Westcreek Meadows - Phase 2B
Part of West Half of Lot 30, Concession 11 Kanata ON

Database:
CA

Certificate #: 2660-4PZM2T
Application Year: 00
Issue Date: 10/12/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Claridge Homes (Kanata) Inc.
Client Address: 210 Gladstone Avenue, Suite #2001
Client City: Ottawa
Client Postal Code: K2P 0Y6
Project Description: This application is for the installation of watermain on Kincardine Drive to serve the Westcreek Meadows, Phase 2B, subdivision.
Contaminants:
Emission Control:

Site: **PIPELINE HIT 2"**
ROUNDLEAF WAY & ROUNCEY ROAD,,OTTAWA,ON,K2V 0K1,CA ON

Database:
PINC

Incident Id:		Pipe Material:	
Incident No:	2368884	Fuel Category:	
Incident Reported Dt:	8/10/2018	Health Impact:	
Type:	FS-Pipeline Incident	Environment Impact:	
Status Code:		Property Damage:	
Tank Status:	Pipeline Damage Reason Est	Service Interrupt:	
Task No:		Enforce Policy:	
Spills Action Centre:		Public Relation:	
Fuel Type:		Pipeline System:	
Fuel Occurrence Tp:		PSIG:	
Date of Occurrence:		Attribute Category:	
Occurrence Start Dt:		Regulator Location:	
Depth:		Method Details:	
Customer Acct Name:	PIPELINE HIT 2"		
Incident Address:	ROUNDLEAF WAY & ROUNCEY ROAD,,OTTAWA,ON,K2V 0K1,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

Site: **Enbridge Gas Distribution Inc.**
Between Roundleaf Way & Rouncey Road, Ottawa Ottawa ON

Database:
SPL

Ref No:	0677-B3GW5G	Discharger Report:	
Site No:	NA	Material Group:	
Incident Dt:	2018/08/09	Health/Env Conseq:	2 - Minor Environment
Year:		Client Type:	Corporation
Incident Cause:		Sector Type:	Miscellaneous Industrial
Incident Event:	Leak/Break	Agency Involved:	
Contaminant Code:	35	Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)	Site Address:	Between Roundleaf Way & Rouncey Road, Ottawa Ottawa
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:	1075	Site Region:	Eastern
Environment Impact:		Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:	Air	Northing:	
MOE Response:	No	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	2018/08/09	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel

Incident Reason:	Operator/Human Error	Source Type:	Release/Spill
Site Name:	Between Roundleaf Way & Rouncey Road, Ottawa<UNOFFICIAL>		
Site County/District:			Valve/Fitting/Piping
Site Geo Ref Meth:			
Incident Summary:	TSSA FSB: 2" pl IP main damage, made safe		
Contaminant Qty:	0 other - see incident description		

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 Nov 2021

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999-May 31, 2022

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2020

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-May 31, 2022

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 -Sep 2022

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Jun 2022

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - Sep 30, 2022

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: Feb 28, 2022

Environmental Activity and Sector Registry:

Provincial

[EASR](#)

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

Government Publication Date: Oct 2011- Sep 30, 2022

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 - Sep 30, 2022

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- Sep 30, 2022

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-Jul 31, 2022

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 ERIIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial

EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2021

List of Expired Fuels Safety Facilities:

Provincial

EXP

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

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

Government Publication Date: Feb 28, 2022

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-Sep 2022

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal

FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial

FST

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

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

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Apr 30, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Mar 21, 2022

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2022

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, 2020

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

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

Federal

[NPCB](#)

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

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

Federal

[NPRI](#)

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

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

Private

[OGWE](#)

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

Government Publication Date: 1988-Aug 31, 2022**Ontario Oil and Gas Wells:**

Provincial

[OOGW](#)

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

Government Publication Date: 1800-Aug 2021**Inventory of PCB Storage Sites:**

Provincial

[OPCB](#)

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

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

Provincial

[ORD](#)

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

Government Publication Date: 1994 - Sep 30, 2022**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- Sep 30, 2022

Pipeline Incidents:

Provincial PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994 - Sep 30, 2022

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, 1992-2019

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-Sep 2022

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-May 31, 2022

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021

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, 2020

Anderson's Storage Tanks:

Private

TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

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

Government Publication Date: 1970 - 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: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

WDS

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

Government Publication Date: Oct 2011- Sep 30, 2022

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: Jun 30 2022

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.

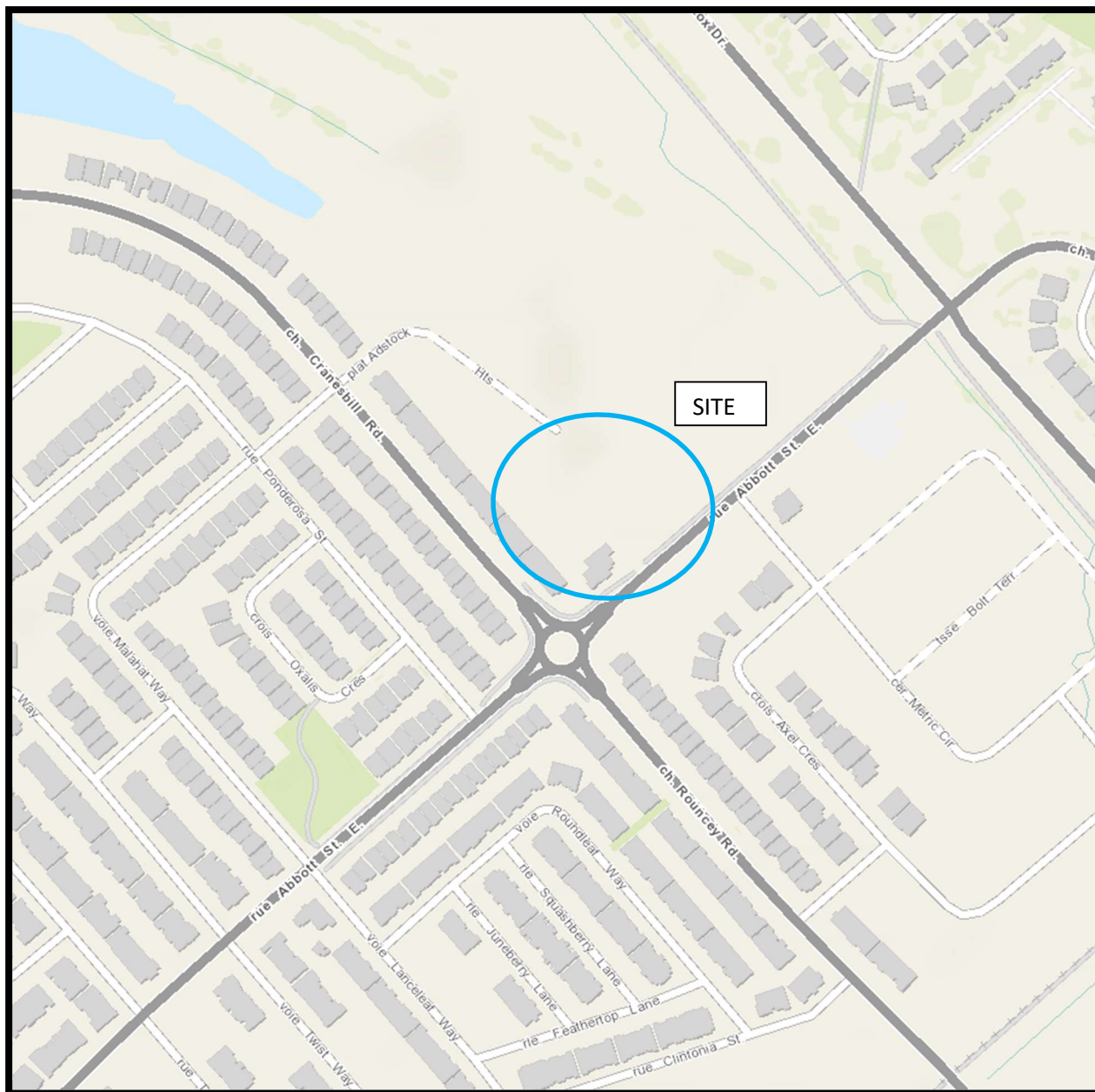
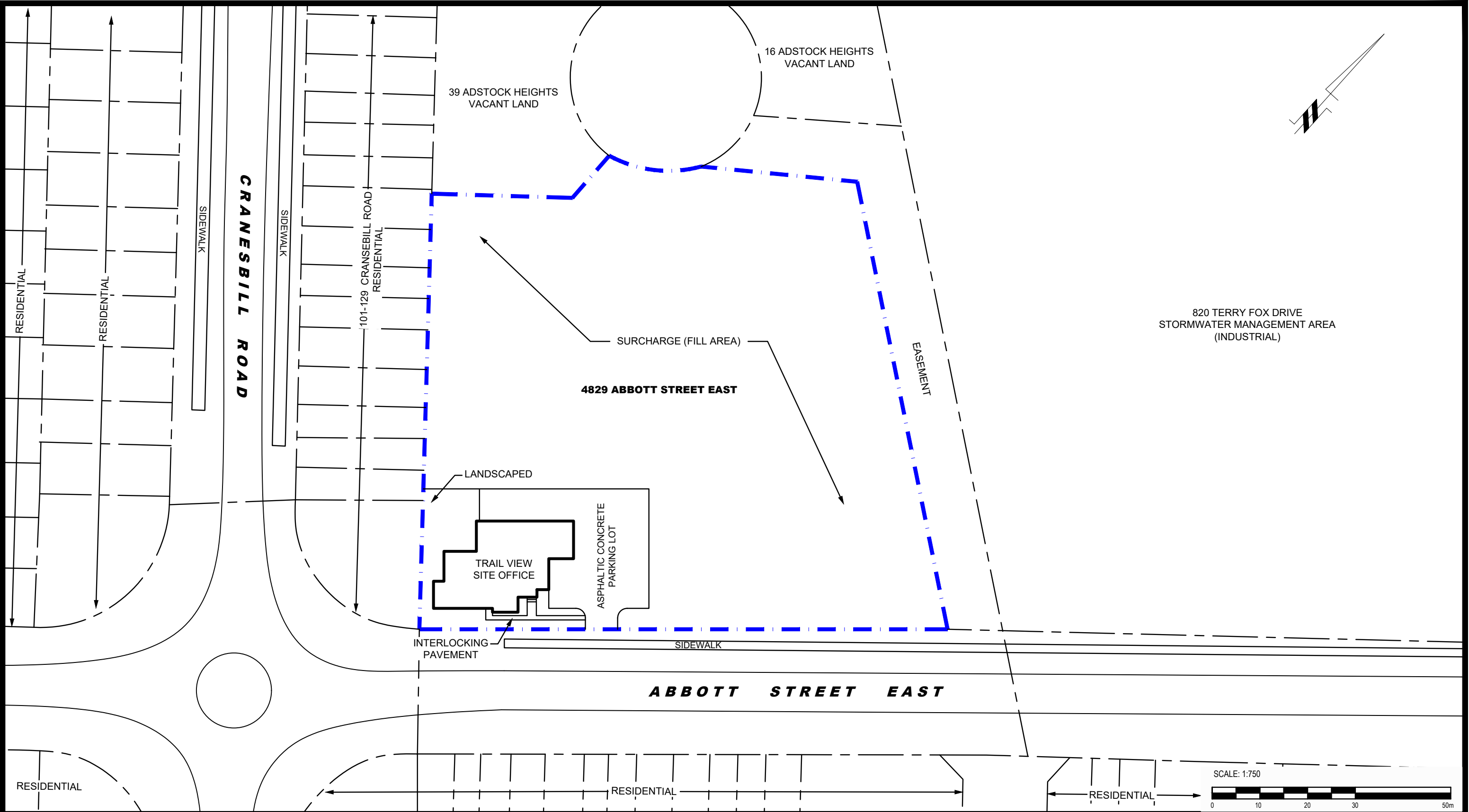
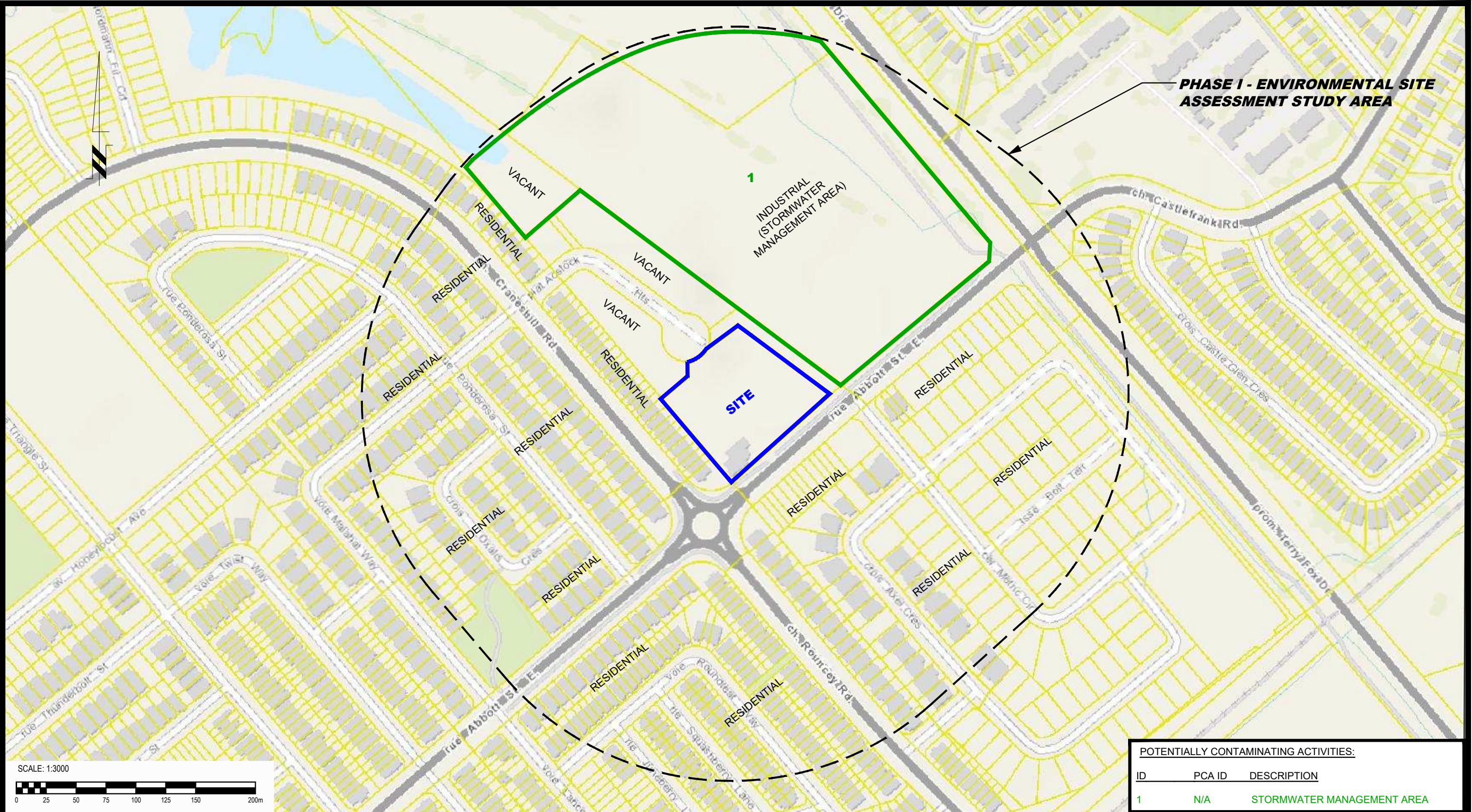


FIGURE 1
KEY PLAN



 9 AURIGA DRIVE OTTAWA, ON K2E 7T9 TEL: (613) 226-7381					METRIC HOMES PHASE I - ENVIRONMENTAL SITE ASSESSMENT 4829 ABBOTT STREET EAST OTTAWA, ONTARIO Title: SITE PLAN	Scale:	1:750	Date:	11/2022
						Drawn by:	JM	Report No.:	PE5915-1
						Checked by:	KAM	Dwg. No.: PE5915-1	
						Approved by:	MSD		Revision No.:
	NO.	REVISIONS	DATE	INITIAL					



POTENTIALLY CONTAMINATING ACTIVITIES:		
ID	PCA ID	DESCRIPTION
1	N/A	STORMWATER MANAGEMENT AREA



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

NO.	REVISIONS	DATE	INITIAL

METRIC HOMES

PHASE I - ENVIRONMENTAL SITE ASSESSMENT

4829 ABBOTT STREET EAST

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale:	1:3000	Date:	11/2022
Drawn by:	JM	Report No.:	PE5915-1
Checked by:	KAM	Dwg. No.:	PE5915-2
Approved by:	MSD	Revision No.:	