



**PATERSON
GROUP**

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

patersongroup.ca

January 16, 2023
File: PE4245-LET.02

Manor Park Management
150 De Montréal Road
Vanier, Ontario
K1L 6E8

Attention: **Mr. David Renfroe**

Subject: **Phase I - Environmental Site Assessment Update**
3317 Navan Road
Ottawa, Ontario

Dear Sir,

Further to your request, Paterson Group (Paterson) conducted a Phase I - Environmental Site Assessment (Phase I ESA) Update for the aforementioned property. This report updates a previous Phase I ESA report completed by Paterson, dated March 15, 2018, and is intended to meet the requirements of a Phase I ESA, as per the MECP Standard O.Reg. 153/04, as amended, under the Environmental Protection Act. This report is to be read in conjunction with the previous report.

Site Information

The Phase I Property is located on the north side of Navan Road, approximately 35 m south of Birkhill Place, in the City of Ottawa, Ontario. The Phase I Property is currently vacant and forested land.

Site drainage occurs primarily through infiltration or runoff to the ditch located on the site. The Phase I Property is generally flat and at the grade of Navan Road.

The Phase I Property is shown on Drawing PE4245-1R – Site Plan.

Records Review

Phase I ESA Study Area Determination

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





First Developed Use Determination

For the purposes of this report, and based on aerial photographs and the documentation reviewed, the Phase I Property is considered to have been first developed as early as 1945 for residential purposes.

Plan of Survey

A survey plan for the Phase I Property has been prepared by Annis, O'Sullivan, Vollebakk Ltd., dated 2018, and was reviewed as part of this assessment. The plan depicts the Phase I Property in its current configuration.

Previous Engineering Reports

The following report was reviewed prior to conducting this assessment:

- 'Phase I Environmental Site Assessment, Vacant Land, 3317 Navan Road, Ottawa, Ontario', prepared by Paterson Group, dated March 15, 2018.

According to historical research conducted as part of the 2018 Phase I ESA, the Phase I Property was developed for residential purposes as early as 1945. The residential dwelling on the Phase I Property was demolished sometime between 1965 and 1976 and the Phase I Property has remained vacant since that time. The usage of the Phase I Property prior to the construction of the residential building was inferred to consist of vacant/agricultural lands. No environmental concerns were identified with respect to the historical use of the Phase I Property.

One historical PCA was identified within the Phase I Study Area. The property addressed 3354 Navan Road, approximately 30 m south of the Phase I Property (at its nearest point), was identified as the Navan Landfill, however the activities of concern on the 3354 Navan Road property are considered to have occurred a minimum of 320 m southeast of the Phase I Property. Due to the separation distance of the activities of concern and the down-gradient orientation with respect to the Phase I Property, the 3354 Navan Road property is not considered to represent an environmental concern on the Phase I Property.

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





The property addressed 3252 Navan Road, approximately 25 m southwest of the Phase I Property, was identified as André Taillefer Ltd., an excavation contractor facility. Two aboveground storage tanks (ASTs) were identified approximately 75 m southwest of the Phase I Property on the 3252 Navan Road property. Based on the separation distance of the storage tanks and the down-gradient orientation with respect to the Phase I Property, the 3252 Navan Road property was not considered to represent an environmental concern on the Phase I Property.

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on January 5, 2023. The Phase I Property was not listed in the NPRI database. No new records of pollutant release were listed in the database for properties located within the Phase I Study Area.

Areas of Natural Significance

A search of natural significance and features within the Phase I Study Area was conducted on the website of the Ontario Ministry of Natural Resources (MNR) on January 5, 2023. The search did not reveal any areas of natural significance within the Phase I Study Area.

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

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

As part of the initial Phase I ESA conducted for the Phase I Property, an MECP FOI search was conducted. The response from the MECP for the initial FOI search contained one certificate of approval record dated June of 2010, pertaining to municipal and private sewage works to be constructed on Glenlivet avenue, Birkhill Place and Renaud Road. This certificate of approval is not considered to represent an environmental concern to the Phase I Property.

MECP Submissions

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



As part of the initial Phase I ESA conducted for the Phase I Property, an MECP FOI search was conducted. The response from the MECP for the initial FOI search contained no MECP Submissions records.

MECP Incident Reports

A request was submitted to the MECP FOI office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the site or adjacent properties. At the time of issuance of this report, a response from the MECP had not been received. A copy of the response will be forwarded to the client, should it contain any pertinent information.

As part of the initial Phase I ESA conducted for the Phase I Property, an MECP FOI search was conducted. The response from the MECP for the initial FOI search contained no MECP Incident Report records.

MECP Waste Management Records

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

As part of the initial Phase I ESA conducted for the Phase I Property, an MECP FOI search was conducted. The response from the MECP for the initial FOI search contained no MECP Waste Management records.

MECP Coal Gasification Plant Inventory

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

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment for the site, neighbouring properties and the general area of the site. One Record of Site Condition (RSC) was found for the Phase I Property, dated May 7, 2009. A review of the RSC filing did not identify any concerns on the Phase I Property.

A second RSC was identified for a property approximately 100m southwest of the Phase I Property (with no municipal address), dated March 24, 2017. Based on information provided in the RSC report, soil and groundwater met the applicable MECP standards. The second RSC property is not considered to pose a concern to the Phase I Property.



MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. There are no former waste disposal sites located within 250 m of the Phase I Study Area.

As previously mentioned, the Navan Landfill is located south of the Phase I Property. Based on the separation distance and down-gradient orientation with respect to the Phase I Property, the landfill is not considered to represent an environmental concern to the Phase I Property.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto, was contacted electronically on January 5, 2023, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. A response from the TSSA indicated that no records were listed in the TSSA registry for the Phase I Property or neighbouring properties. A copy of the TSSA response has been appended to this report.

City of Ottawa Landfill Document

The document entitled "Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa", was reviewed. No former waste disposal sites were identified in this document within the Phase I study area.

As previously mentioned, the Navan Landfill is located south of the Phase I Property. Based on the separation distance and down-gradient orientation with respect to the Phase I Property, the landfill is not considered to represent an environmental concern to the Phase I Property.

City of Ottawa Historical Land Use Inventory (HLUI)

As part of this assessment, a requisition form was submitted to the City of Ottawa to request information from the City's Historical Land Use Inventory (HLUI 2005) database for any environmental records pertaining to the Phase I Property as well as any properties situated within the Phase I study area.

A response from the City had not been received prior to the issuance of this report. A copy of the response will be forwarded to the client should it contain any pertinent information. A copy of the submission request has been appended to this report.



As part of the initial Phase I ESA for the subject property, a requisition form was sent to the City of Ottawa to request information from the City's Historical Land Use Inventory (HLUI) database for the Phase I Property. The response from the City of Ottawa identified two records for properties within the Phase I Study Area. The 3252 Navan Road property, approximately 25 m southwest of the Phase I Property, was identified as André Taillefer Ltd., a construction contractor facility. The property addressed 3354 Navan Road, approximately 30 m south of the Phase I Property (at its nearest point), was identified as Waste Service (CA) Inc. (the Navan Landfill), however the activities of concern on the 3354 Navan Road property are considered to have occurred a minimum of 320 m southeast of the Phase I Property. Due to the separation distance of the activities of concern and the down-gradient orientation with respect to the Phase I Property, the records identified in the City of Ottawa HLUI response are not considered to represent an environmental concern on the Phase I Property.

Environmental Risk Information Service (ERIS) Report

An ERIS (Environmental Risk Information Service) Report was obtained for the Phase I Property and surrounding lands. It should be noted that the ERIS report includes information that can normally be obtained through the MECP FOI, MECP well records search as well as several other records (i.e., incident reports, waste generators, etc.). The complete ERIS report has been included in Appendix 1.

The ERIS report identified two records for the Phase I Property. The two records identified for the Phase I Property include a historical ERIS search and the RSC filing previously discussed in the MECP Brownfields Environmental Site Registry section of this report.

A total of eight records (4 of which are historical ERIS searches) from various databases were identified for properties within the 250m radius of the Phase I Property.

The ERIS report identified one Environmental Registry record for the property addressed 3323 Navan Road, adjacent to the east of the Phase I Property. The record is dated September of 2017 and lists no pertinent information. This record is not considered to represent an environmental concern to the Phase I Property.

The ERIS report identified two Water Well Information System records. One record was a well abandonment record dated December of 2015 and one record, dated May of 2021, had no pertinent information listed. These records are not considered to be representative of a potential environmental concern to the Phase I Property.

The ERIS report identified one Environmental Compliance Approval record for the property addressed 3253 Navan Road, adjacent to the west of the Phase I Property. The record is dated June of 2010, pertaining to sewer works and is not considered to pose an environmental risk to the Phase I Property.



Aerial Photographs

The latest aerial photograph reviewed for the 2018 Phase I ESA was from 2017. A review of the 2021 aerial photograph shows no significant changes to the Phase I Property or the surrounding lands. A copy of the 2021 aerial photograph has been appended to this report.

Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. Regionally, the topographic maps indicate the Phase I Property is approximately 80 m above sea level and regional topography in the general area of the Phase I Property slopes gently downward to the southwest. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

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

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area of the site is reported to consist of shale of the Billings Formation. Overburden soils consist of nearshore marine sediments with a drift thickness on the order of 25 to 50 m.

Water Well Records

A search of the MECP 's website for all drilled well records within 250 m of the subject site was conducted on January 5, 2023. No well records were identified for the Phase I Property.



Seven well records were identified for properties within the Phase I Study Area. Five of the records pertain to domestic water supply wells. One record was a well abandonment record dated December of 2015 and one record had no pertinent information listed. The potable wells were drilled to depths ranging from 36 to 45 m below grade and installed within a limestone, shale or slate bedrock layer. The water supply wells were installed from 1962 to 1979 and are not expected to be in current use. Surrounding properties that have been recently developed are currently serviced by the City of Ottawa water system, however, private water wells may still be used by residential dwellings or farmstead located along Navan Road that have not been identified on the MECP website. A copy of the well records has been appended to this report.

Interviews

Mr. Anand Aggarwal, the current property, was interviewed as part of this Phase I ESA Update. Mr. Aggarwal stated that the property was purchased as vacant land by the previous owners in 1987 and has remained as such since that time. Mr. Aggarwal was not aware of any potential environmental concerns regarding the Phase I Property.

Site Reconnaissance

A site reconnaissance visit was conducted on January 5, 2023. Mr. Jeremy Camposarcone from the Environmental Department of Paterson Group conducted the site inspection. In addition to the site, the uses of neighbouring properties within the Phase I Study Area were also assessed at the time of the site visit.

Buildings and Structures

There are no buildings or structures located on the Phase I Property.

Site Features

The Phase I Property was snow covered at the time of the site inspection. The Phase I Property is primarily tree and brush covered and has a relatively flat topography. Site drainage typically occurs through infiltration and runoff to a ditch located through the central portion of the Phase I Property (from east to west).

One pole-mounted transformer was identified adjacent to the south of the Phase I Property, along Navan Road. The transformer was noted to be in good condition with no signs of leaks or staining observed at the time of the site inspection. No concerns were identified with respect to the pole-mounted transformer.

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



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

The above-noted site features are shown on Drawing PE4245-1R - Site Plan.

Neighbouring Properties

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

- North – Residential dwellings, followed by Birkhill Place and Glenlivet Avenue;
- South – Navan Road, followed by a residential dwelling, a residential community under development and an undeveloped parcel of the Navan Landfill;
- East – Residential community under development;
- West – Residential dwellings.

The Navan Landfill is located approximately 30 m south of the Phase I Property (at its nearest point), however the activities of concern are considered to have occurred a minimum of 320 m southeast of the Phase I Property. As previously mentioned, based on the separation distance and down-gradient orientation with respect to the Phase I Property, the landfill is not considered to represent an environmental concern to the Phase I Property. Aboveground storage tanks previously identified on the property addressed 3252 Navan Road, approximately 25 m southwest of the Phase I Property, were unable to be identified at the time of the site inspection. They were removed as the 3252 Navan Road property is currently under development. Surrounding land use is depicted on Drawing PE4245-2R – Surrounding Land Use Plan, appended to this report.

Assessment of Uncertainty and/or Absence of Information

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



Conclusions

The results of the records review, research, and site inspection indicated that there are no new potential environmental concerns regarding the subject site since the 2018 Phase I ESA. Based on the results of this Phase I ESA Update, **in our opinion, a Phase II Environmental Site Assessment is not required for the property.**

Statement of Limitations

This Phase I - Environmental Site Assessment Update report has been prepared in general accordance with O.Reg. 153/04, as amended. The conclusions presented herein are based on information gathered from a historical review and field inspection program. The findings of the Phase I ESA Update are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as local, provincial, and federal agencies and was limited within the scope-of-work, time, and budget of the project herein.

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

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

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

Paterson Group Inc.

Jeremy Camposarcone, B. Eng.

Mark S. D'Arcy, P.Eng., Q.P.E.S.A





Report Distribution:

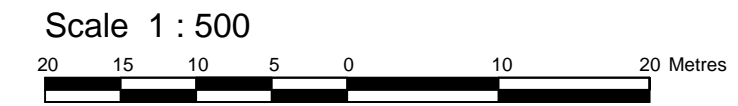
- Mr. David Renfroe
- Paterson Group

Attachments:

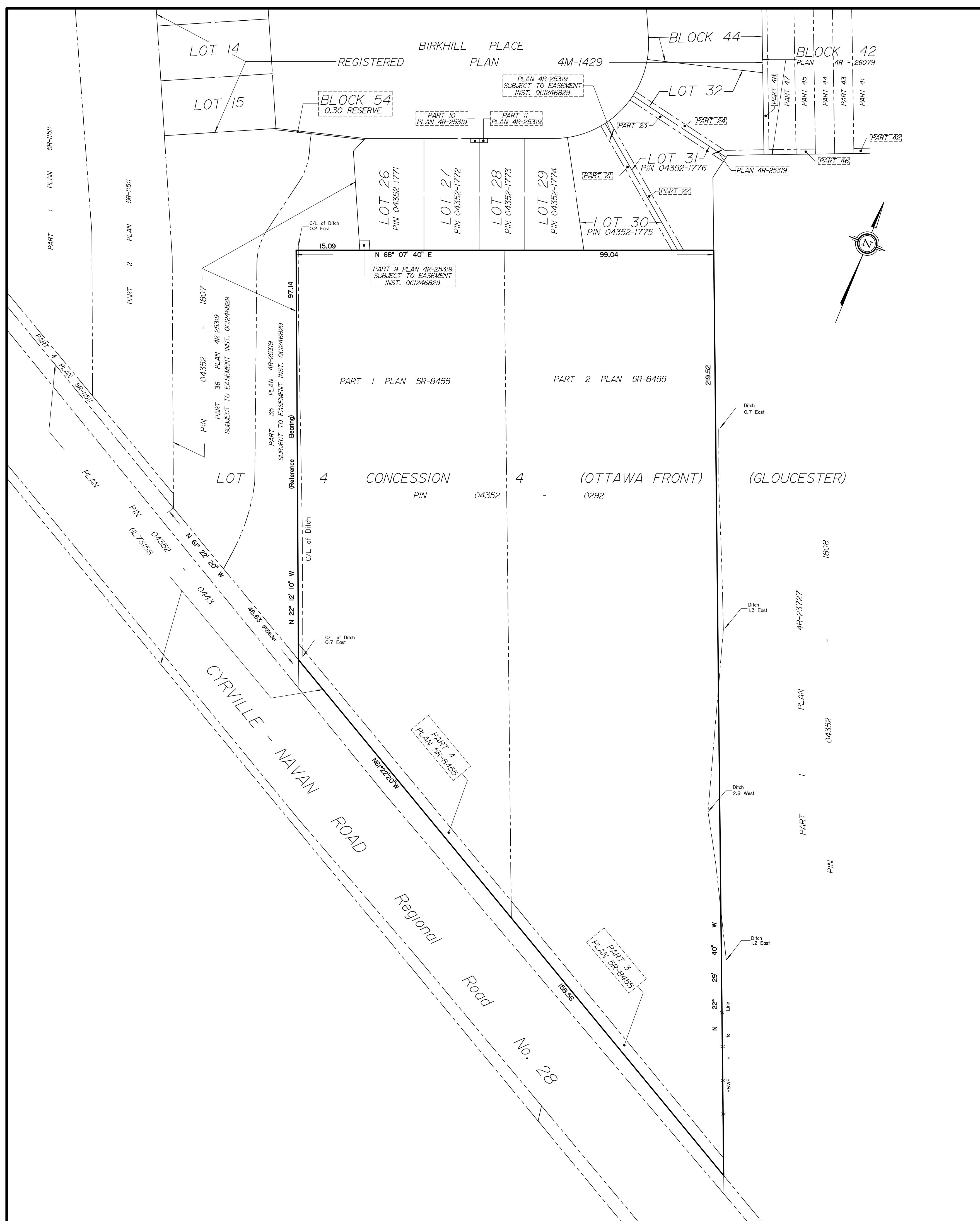
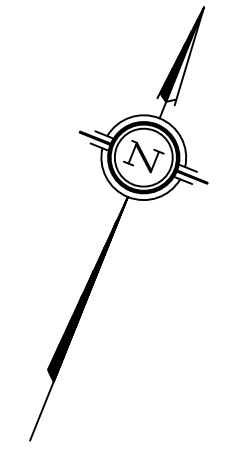
- Plan of Survey
 - Figure 1 - Key Plan
 - Figure 2 - Topographic Map
 - Aerial Photograph (2021)
 - Drawing PE4245-1R - Site Plan
 - Drawing PE4245-2R - Surrounding Land Use Plan
 - FOI Request
 - TSSA Correspondence
 - HLUI Request
 - MECP Well Records
 - ERIS Report
-

Sketch of
3317 Navan Road
City of Ottawa

Prepared by Annis, O'Sullivan, Vollebek Ltd.



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



Notes & Legend

Denotes

P&WF * Post and Wire Fence

C/L * Centerline

SITE AREA = 15735 m²

BOUNDARY INFORMATION COMPILED FROM PLANS
4R-23727, 4R-25319 AND 5R-8455.

Bearings are grid, derived from the Central Meridian of
ITM Zone 9 (76°30' West Longitude) NAD-83 (original).

ANNIS, O'SULLIVAN, VOLLEBEK LTD.
14 Concourse Gate, Suite 500
Nepean, Ont. K2E 7S6
Phone: (613) 727-0850 / Fax: (613) 727-1079
Email: info@annisvollebek.com

Ontario
Land Surveyors Reg. No. 17903-18 Manor Park P.L.L.C. C4 OF G.L. POS D2 AE

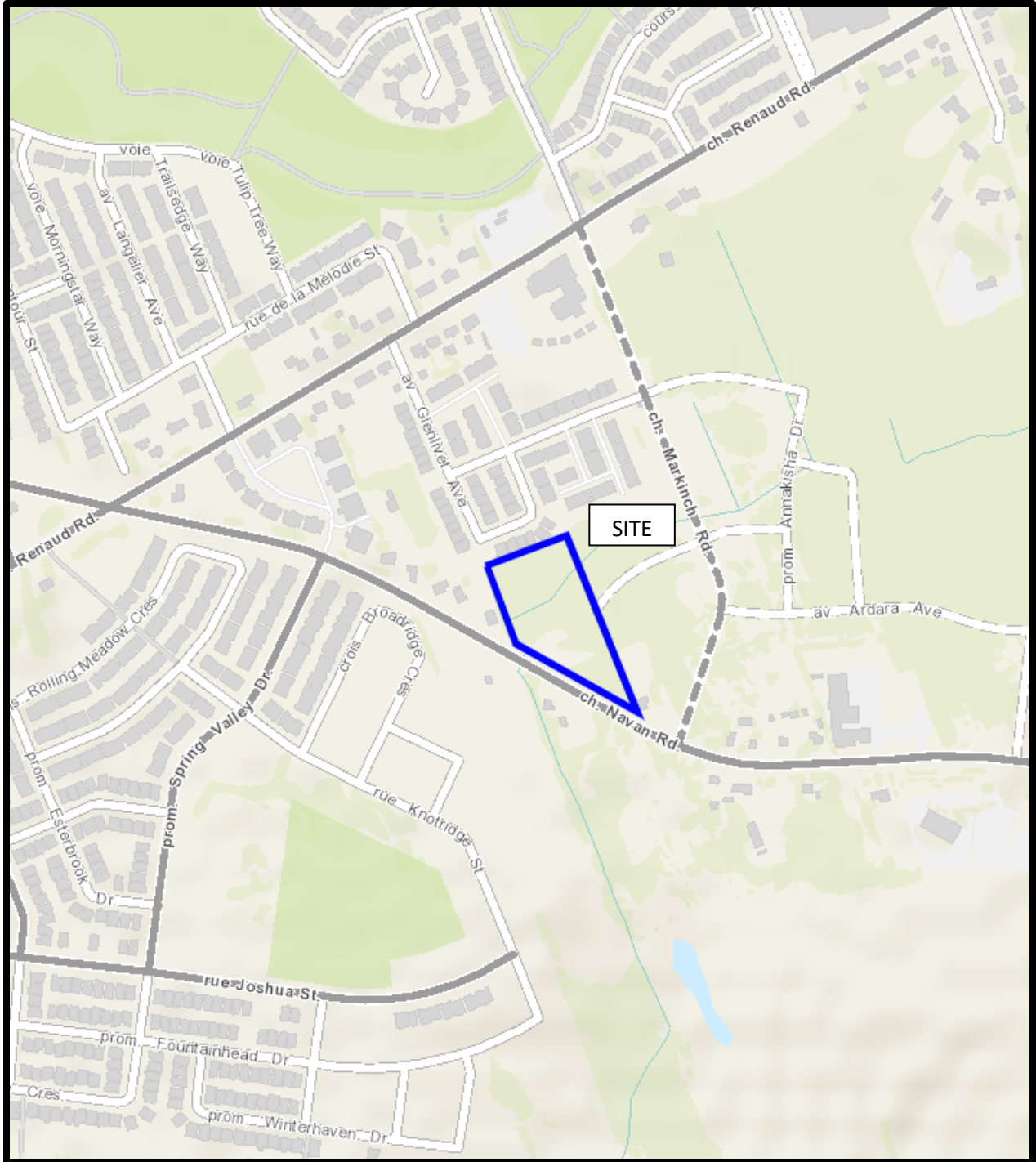
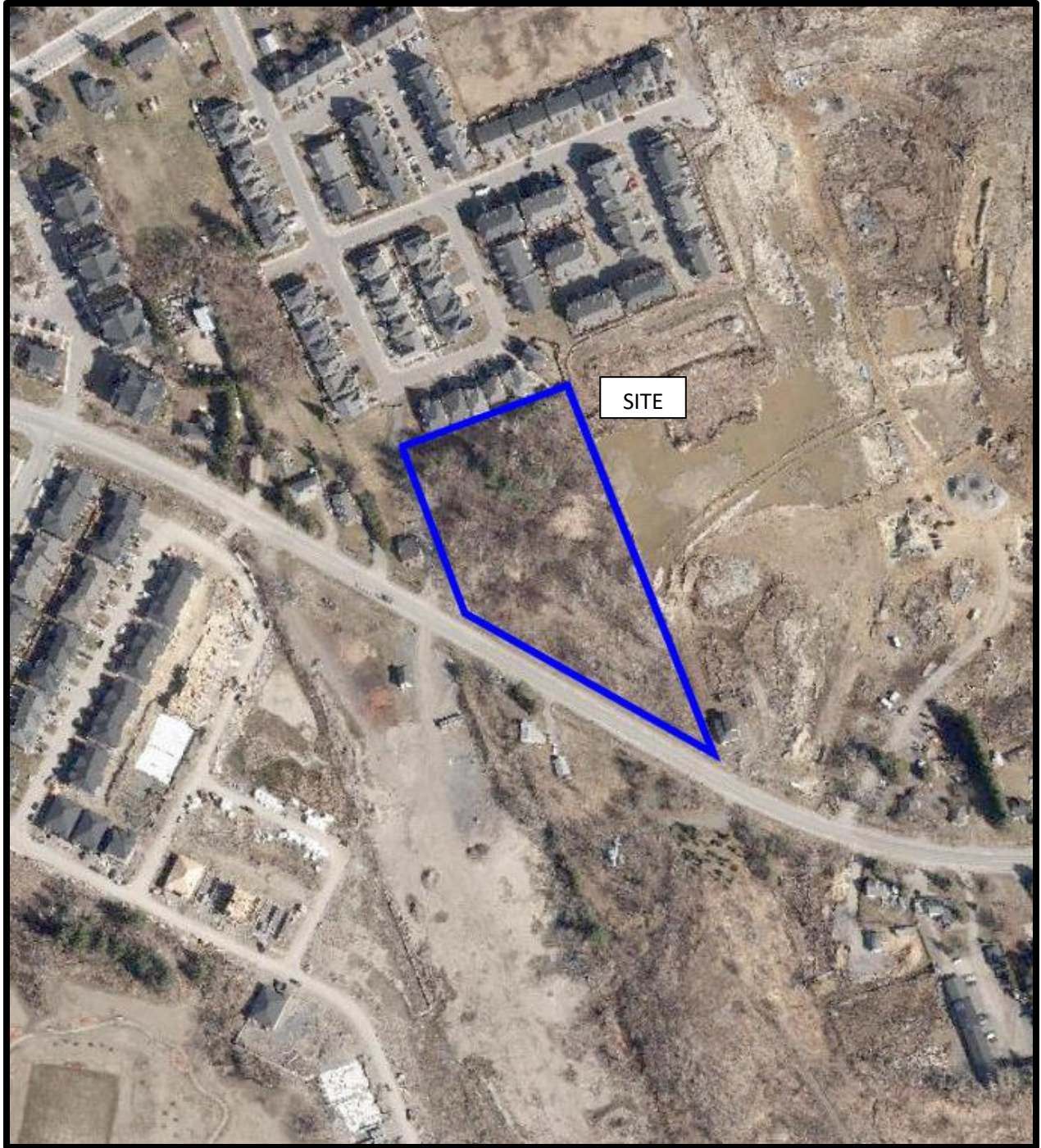


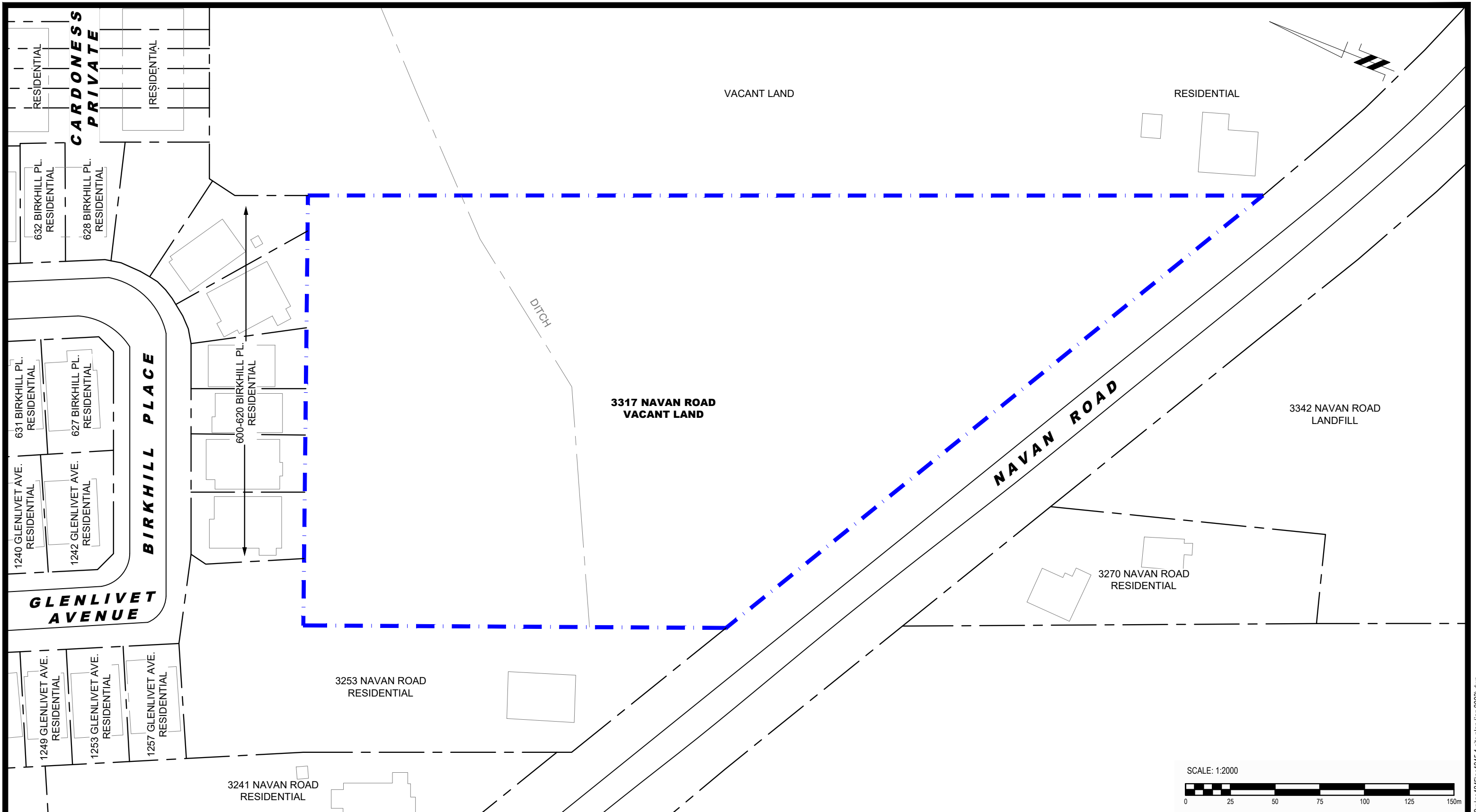
FIGURE 1
KEY PLAN



FIGURE 2
TOPOGRAPHIC MAP



AERIAL PHOTOGRAPH
2021



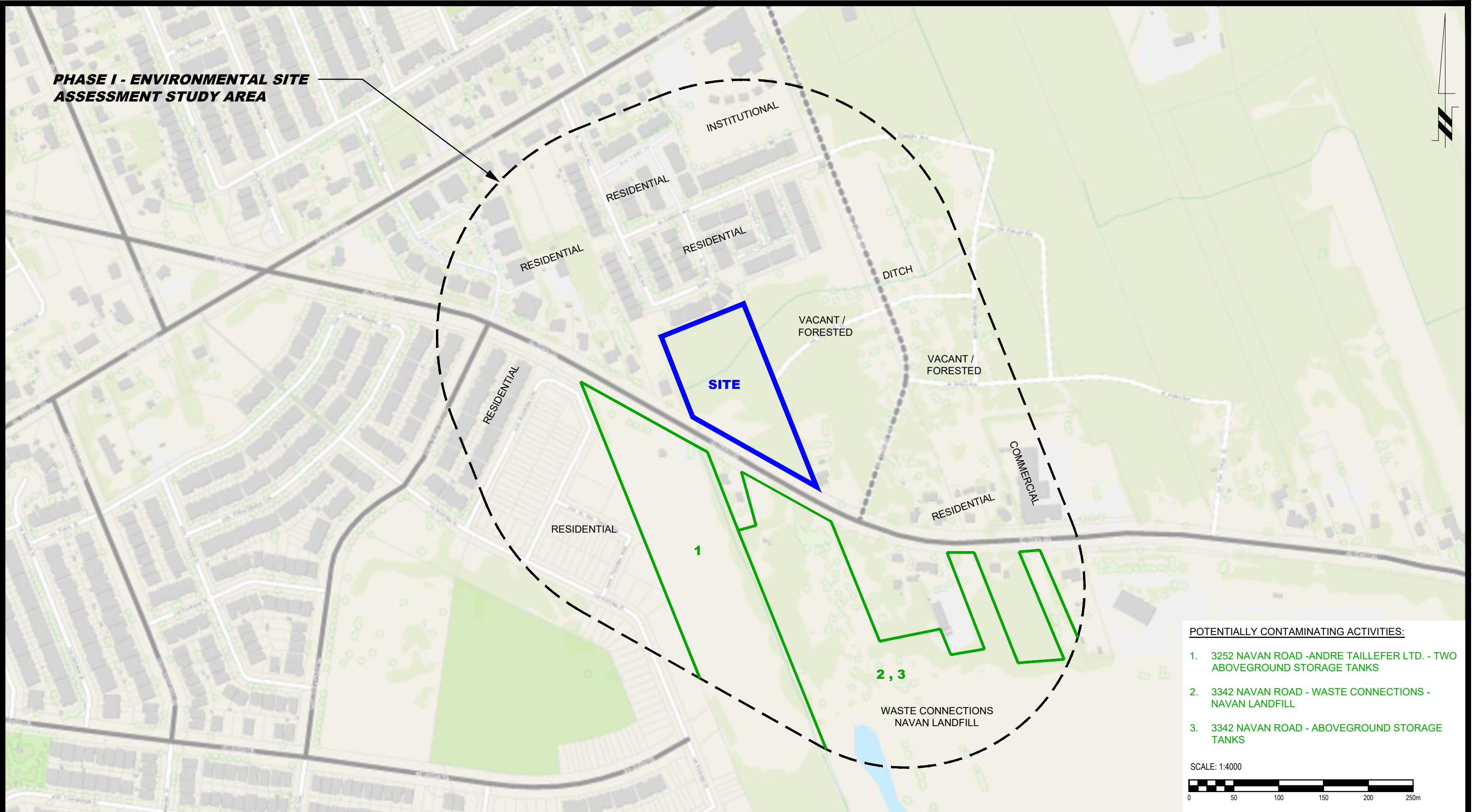
NO.	REVISIONS	DATE	INITIAL

MANOR PARK MANAGEMENT
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
3317 NAVAN ROAD
ONTARIO

OTTAWA,
 Title: **SITE PLAN**

Scale:	1:2000	Date:	01/2023
Drawn by:	NK	Report No.:	PE4245-1
Checked by:	JC	Dwg. No.:	PE4245-1R
Approved by:	MSD	Revision No.:	

PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA



POTENTIALLY CONTAMINATING ACTIVITIES:

1. 3252 NAVAN ROAD - ANDRE TAILLEFER LTD. - TWO ABOVEGROUND STORAGE TANKS
2. 3342 NAVAN ROAD - WASTE CONNECTIONS - NAVAN LANDFILL
3. 3342 NAVAN ROAD - ABOVEGROUND STORAGE TANKS

SCALE: 1:4000



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

NO.	REVISIONS	DATE	INITIAL

MANOR PARK MANAGEMENT
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
3317 NAVAN ROAD
ONTARIO

OTTAWA,
 Title: **SURROUNDING LAND USE PLAN**

Scale:	1:4000	Date:	01/2023
Drawn by:	YA	Report No.:	PE4245-1
Checked by:	JC	Dwg. No.:	PE4245-2R
Approved by:	MSD	Revision No.:	

Ministry of the Environment, Conservation and Parks

Freedom of Information Request for Property Information

Instructions

Use this form to:

- submit and pay for a new FOI request for access to records/information about a property
- pay for a deposit or a final fee on an existing FOI request

Fields marked with an asterisk (*) are mandatory.

Are you: *

- Submitting a new FOI Request for Property Information
- Paying a deposit or final fee for an existing FOI Request for Property Information

Section 1 – Description of Records Requested

Time Period for Records Requested

From (yyyy/mm/dd) *

1986/01/01

To (yyyy/mm/dd) *

2023/01/11

Type of Record(s) *

- All environmental records relating to the identified property/site exclusive of Environmental Approvals and Registrations
- Environmental Approvals and Registrations (e.g. Environmental Compliance Approvals; Certificate of Approval; Renewable Energy Approvals; Environmental Activity and Sector Registry Registrations)

Select only if you are seeking access to an Approval or Registration that is not publicly available or if you are also seeking supporting documents relating to the Approval or Registration.

Operator and vendor Pesticide Licenses from September 4, 2018, final Approvals and Registrations are publicly available on the Access Environment website at:

<https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en>.

Records of Site Condition (RSC) records are publicly available on the Brownfields Environmental Site Registry (BSER).

- RSC records between 2004 to June 30, 2011 are available at:
<https://www.lrcsde.lrc.gov.on.ca/besrWebPublic/generalSearch>
- RSC records filed after July 2011 are available at:
https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/earchFiledRsc_search?request_locale=en

Other Specific Document(s)

List any record(s) that should be excluded from the scope of your request (e.g. email correspondences; records originating from your organization/business; records already in your possession, prior year(s) annual reports for approvals)

Please provide any additional relevant information relating to your request. For example, does your request relate to any other ministry business? Please note that this information is being requested only in order to provide contextual information to the Access and Privacy Office and will not in any way affect or expedite the status of any related ministry business identified.

Section 2 – Requester Information

Last Name * First Name * Middle Initial

Business/Organization Name (if applicable or indicate "N/A") *

Project/Reference Number (if applicable)

Are you submitting this request on behalf of a client? *
 Yes No

Please upload an authorization/consent form from your client in Section 5 (Supporting Documentation)

Name of Client

Last Name * First Name *

Business/Organization Name (if applicable or indicate "N/A") *

Mailing Address

Unit Number Street Number * Street Name *

PO Box City/Town * Province * Postal Code *

Telephone Number * ext. Email Address *

Is there an alternate contact (e.g. office admin)? *
 Yes No

Section 3 – Current Property Address Information

Is the property a:

Park Lake First Nation Band Wind Farm Federal Land Island Unsurveyed Land

Are you requesting information about multiple addresses? *
 Yes No

Property Address

Unit Number

Street Number

Street Name

3317

Navan Road

Full Lot Number

Concession

Geographic Township

City/Town/Village *

Ottawa

Closest Intersection

Section 4 – Previous Property Address Information

Do you want the ministry to search all prior historical addresses for this property/site for the time period of the records requested? *

Yes No

Section 5 – Supporting Documents

Please attach an authorization/consent form.

Please upload any documents (e.g. Maps) that are relevant to your FOI request.

The total size of all attachments must not be more than 8 MB.

1. File Name

Total File Size

Payment confirmation number: 25101334

Jeremy Camposarcone

From: Public Information Services <publicinformationservices@tssa.org>
Sent: January 5, 2023 1:00 PM
To: Jeremy Camposarcone
Subject: RE: Records Search Request - PE4245

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,

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 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 publicinformationsservices@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,
Kim



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



From: Jeremy Camposarcone <JCamposarcone@patersongroup.ca>
Sent: January 5, 2023 12:32 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: Records Search Request - PE4245

[CAUTION]: This email originated outside the organisation.
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hello,

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

Navan Road: 3317, 3252, 3323, 3253, 3342, 3270, 3241;
Birkhill Place: 600, 604, 608.

Best Regards,



Jeremy Camposarcone, B.Eng.
Junior Environmental Engineer
TEL: (613)-226-7381
CELL: (343)-999-7255
9 AURIGA DRIVE
OTTAWA ON K2E 7T9
patersongroup.ca

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

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Office Use Only

Application Number: _____	Ward Number: _____	Application Received: (dd/mm/yyyy): _____
Client Service Centre Staff: _____	Fee Received: \$	<input type="text"/>



Historic Land Use Inventory

Application Form

Notice of Public Record

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

Municipal Freedom of Information and Protection Act

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

Background Information

***Site Address or Location:**

** Mandatory Field*

Applicant/Agent Information:

Name:

Mailing Address:

Telephone: Email Address:

Registered Property Owner Information:

Same as above

Name:

Mailing Address:

Telephone: Email Address:

Site Details

Legal Description
and PIN:

What is the land
currently used for?

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

Submittal Requirements

The following are required to be submitted with this application:

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

Disclaimer
For use with HLUI Database

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

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

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

Signed: Jeremy Camposarcone

Dated (dd/mm/yyyy): _____

Per: _____
(Please print name)

Title: _____

Company: _____



3165h

GROUND WATER BRANCH
15 No 1526
JUN 1 1962
ONTARIO WATER RESOURCES COMMISSION

UTM 18 z 4591870 E

5 R 5030760 N

Elev. 4 R 0280

Basin 25 County or District CARLETON

Con. 4 OF Lot 4

The Ontario Water Resources Commission Act

WATER WELL RECORD

Township, Village, Town or City Gloucester

Date completed Feb. 27, 1962
(day month year)

Address R. R. # 1, Navan, Ont.

Casing and Screen Record

Inside diameter of casing 2"
Total length of casing 90'
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole 2"

Pumping Test

Static level 4'
Test-pumping rate 8 G.P.M.
Pumping level 20'
Duration of test pumping 2 hrs.
Water clear or cloudy at end of test clear
Recommended pumping rate 8 G.P.M.
with pump setting of 20 feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
clay	0	80	145	fresh
boulders & sand	80	89		
grey limestone	89	145		

For what purpose(s) is the water to be used? James farm

Is well on upland, in valley, or on hillside? upland

Drilling or Boring Firm G. Charbonneau, Diaphragm Drilling

Address R.R. #1, Box 194, Orleans, Ont.

Licence Number 600

Name of Driller or Borer G. Charbonneau

Address R. R. #1, Box 194, Orleans, Ont.

Date Feb. 27, 1962

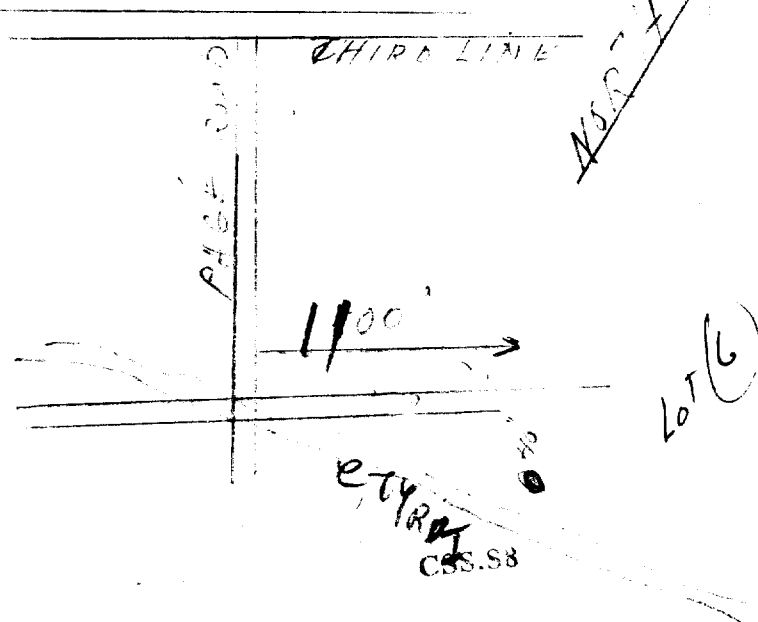
Gerald Charbonneau
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M Sets 60-5930

OWRC COPY

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



STM 1/18Z 4601150E
 5R 5030925N
 Elev. 4R 0285



3165h

GROUND WATER BRANCH
 15 No. 1524
 MAR 17 1964
 ONTARIO WATER RESOURCES COMMISSION

1524

WATER WELL RECORD

Basin 25 | County or District | Township, Village, Town or City GLOUCESTER
 Con. 40F Lot 4 Date completed 7 MAR 64
 Address Box 414 EYRILLE

Casing and Screen Record

Inside diameter of casing 2
 Total length of casing 114
 Type of screen -
 Length of screen -
 Depth to top of screen -
 Diameter of finished hole 2

Pumping Test

Static level 38
 Test-pumping rate 4 G.P.M.
 Pumping level 75
 Duration of test pumping 1 HR
 Water clear or cloudy at end of test CLEAR
 Recommended pumping rate 4 G.P.M.
 with pump setting of 125 feet below ground surface

Well Log

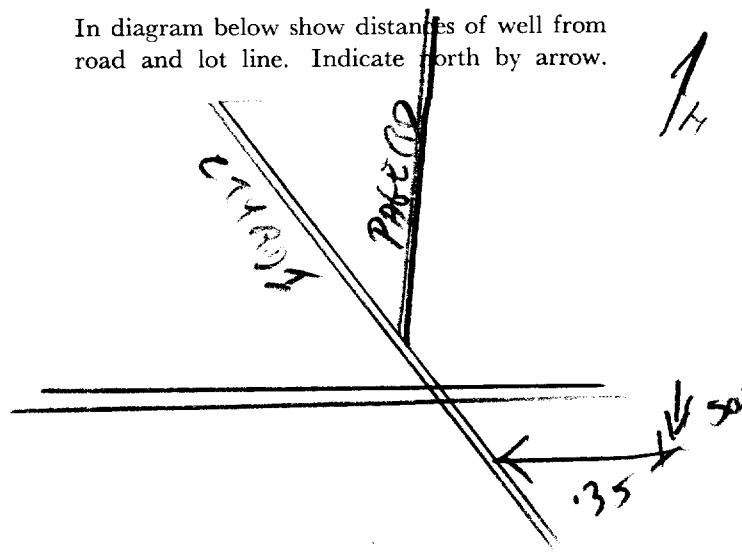
Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
SAND	0	15		
CLAY	15	108		
BLACK SHALE	108	127	125	FRESH

For what purpose(s) is the water to be used? NEW HOUSE
 Is well on upland, in valley, or on hillside?
 Drilling or Boring Firm VIATEUR CASSETTE
 Address OTTAWA
 Licence Number -
 Name of Driller or Borer SAME
 Address
 Date MAR 8/64
 (Signature of Licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



UTM 18 46101125 ⁹⁵⁷ ^E
5 R 5030920 ^N



15 No 1525
 16 August 1965
 Navan, Ont. R.R. #1

The Ontario Water Resources Commission Act
 Basin 25 County or District Carleton Township, Village, Town or City Gloucester
 Elev. 4 R 0280 Date completed 16 August 1965
 (day month year)
 Con. 1 OP Lot 4
 Address Navan, Ont. R.R. #1

WATER WELL RECORD

Casing and Screen Record

Inside diameter of casing 2"
 Total length of casing 104'
 Type of screen
 Length of screen
 Depth to top of screen
 Diameter of finished hole 2"

Pumping Test

Static level 39'
 Test-pumping rate 8 G.P.M.
 Pumping level 55'
 Duration of test pumping 2 hrs.
 Water clear or cloudy at end of test clear
 Recommended pumping rate 6 G.P.M.
 with pump setting of 60 feet below ground surface

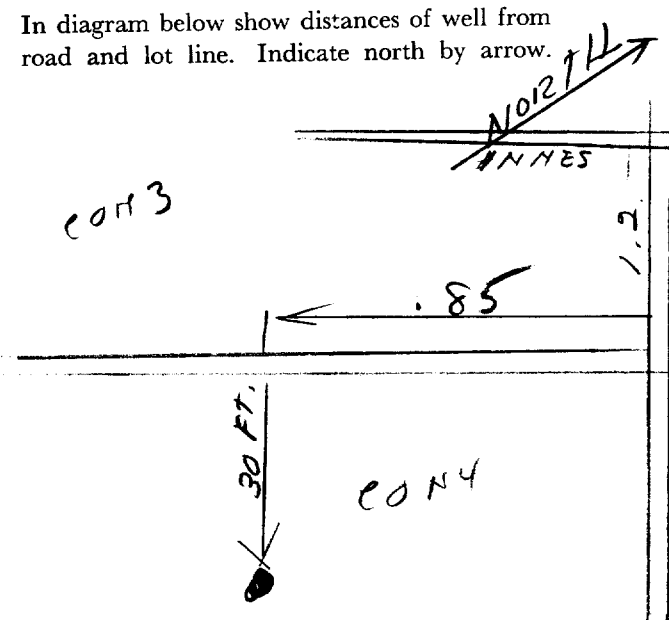
Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
blue clay	0	95		
gravel	95	102		
brown shale	102	117	117	shade of sulphur

For what purpose(s) is the water to be used? domestic
 Is well on upland, in valley, or on hillside? upland
 Drilling or Boring Firm G. Charbonneau, Diamond & Cable Drilling
 Address R.R. # 1, Box 194, Orleans, Ont.
 Licence Number 1631
 Name of Driller or Borer Roland Wolfe
 Address Clarence Creek, Ont.
 Date 16 August, 1965.
 (Signature of Licensed Drilling or Boring Contractor)

Location of Well





3165h

15 No 1526

UTM 18z 4591905E

5R 510307810N The Ontario Water Resources Commission Act

Elev. 4R 0280

WATER WELL RECORD

Basin 25 County or District Carleton Township, Village, Town or City Gloucester

Con. 4 O.F. Lot 4 Date completed 16 August 1966. (day month year)

Address Orleans, Ont.

Casing and Screen Record

Inside diameter of casing 2"

Total length of casing 100'

Type of screen

Length of screen

Depth to top of screen

Diameter of finished hole 2"

Pumping Test

Static level 30'

Test-pumping rate 8 G.P.M.

Pumping level 60'

Duration of test pumping 2 hrs.

Water clear or cloudy at end of test clear

Recommended pumping rate 6 G.P.M.

with pump setting of 60 feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
blue clay	0	75		
grey limestone	75	117	117	shade of sulphur

For what purpose(s) is the water to be used? domestic

Is well on upland, in valley, or on hillside? upland

Drilling or Boring Firm

G. Charbonneau, Diamond & Cable Drilling,

Address R.R. 1, Box 194, Orleans, Ont.

Licence Number 2156

Name of Driller or Borer Roland Wolfe

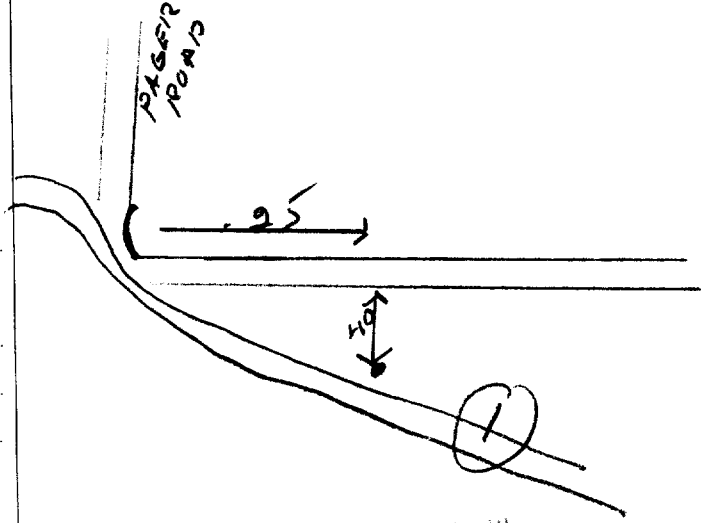
Address Clarence Creek, Ont.

Date 16 August 1966.

Gerald Charbonneau
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



CSS.53



Ontario

WATER WELL RECORD

319/5h

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11 1516095

MUNICIPALITY 15002 CON 05 04

COUNTY OR DISTRICT CASSELMAN TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE GLOSTER CON. BLOCK, TRACT, SURVEY, ETC. CON 4 OF IV LOT 004

DATE COMPLETED DAY 02 NO 05 YR 77

WELL NO. 30299 RC 4 ELEVATION 0275 RC 4 BASIN CODE 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
BROWN	TOP SOIL			0	2
YELLOW	FINE SAND			2	15
BLUE	CLAY			15	112
GREY	GRAVEL			112	120
BLACK	MEDIUM SAND			120	142
BLACK	SLATE	Rock		142	150

31 0002602 00/5308 01/1305 0120211 0142809 015081912

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0142	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
	15-18 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
	20-23 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
	25-28 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
	30-33 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

DEPTH - FEET	MATERIAL	WALL THICKNESS INCHES
0-13	1 <input checked="" type="checkbox"/> STEEL	1.88
13-16	2 <input type="checkbox"/> GALVANIZED	
16-17	3 <input type="checkbox"/> CONCRETE	
17-18	4 <input type="checkbox"/> OPEN HOLE	
18-19	1 <input type="checkbox"/> STEEL	
19-20	2 <input type="checkbox"/> GALVANIZED	
20-23	3 <input type="checkbox"/> CONCRETE	
23-24	4 <input type="checkbox"/> OPEN HOLE	
24-25	1 <input type="checkbox"/> STEEL	
25-26	2 <input type="checkbox"/> GALVANIZED	
26-27	3 <input type="checkbox"/> CONCRETE	
27-30	4 <input type="checkbox"/> OPEN HOLE	

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE	(CEMENT GROUT LEAD PACKER, ETC.)
10-13	14-17	
18-21	22-25	
26-29	30-33	

71 PUMPING TEST

PUMPING TEST METHOD: 1 PUMP 2 BAILER

PUMPING RATE: 00/0 GPM

DURATION OF PUMPING: 01 HOURS 20 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING
035	070	15 MINUTES: 045 30 MINUTES: 055 45 MINUTES: 063 60 MINUTES: 070

IF FLOWING, GIVE RATE: 125 GPM

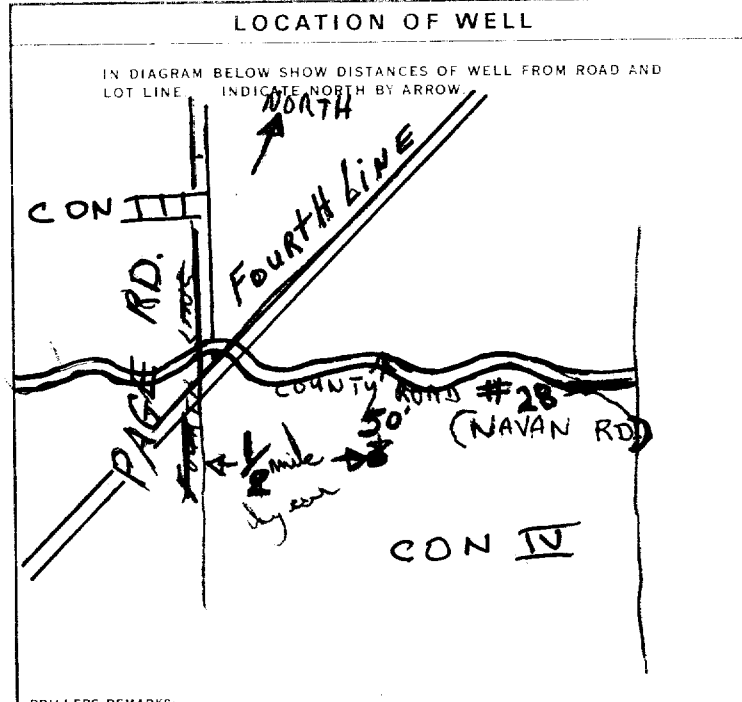
PUMP INTAKE SET AT: 125 FEET

WATER AT END OF TEST: 1 CLEAR 2 CLOUDY

RECOMMENDED PUMP TYPE: SHALLOW DEEP

RECOMMENDED PUMP SETTING: 125 FEET

RECOMMENDED PUMPING RATE: 0000 GPM



FINAL STATUS OF WELL

1 WATER SUPPLY 5 ABANDONED, INSUFFICIENT SUPPLY
2 OBSERVATION WELL 6 ABANDONED, POOR QUALITY
3 TEST HOLE 7 UNFINISHED
4 RECHARGE WELL

WATER USE

1 DOMESTIC 5 COMMERCIAL
2 STOCK 6 MUNICIPAL
3 IRRIGATION 7 PUBLIC SUPPLY
4 INDUSTRIAL 8 COOLING OR AIR CONDITIONING
9 NOT USED

METHOD OF DRILLING

1 CABLE TOOL 6 BORING
2 ROTARY (CONVENTIONAL) 7 DIAMOND
3 ROTARY (REVERSE) 8 JETTING
4 ROTARY (AIR) 9 DRIVING
5 AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR: CAYER WELL DRILLER LICENCE NUMBER: 1517

ADDRESS: CASSELMAN ONT.

NAME OF DRILLER OR BORER: M. Cayer

SIGNATURE OF CONTRACTOR: M. Cayer

SUBMISSION DATE: DAY NO. YR.

OFFICE USE ONLY

DATA SOURCE: 1 1517 CONTRACTOR: 58 DATE RECEIVED: 160877 63-68 80

DATE OF INSPECTION: 17/5/79 INSPECTOR: J.P.P.

REMARKS: P WI

Measurements recorded in: Metric Imperial

Well Owner's Information

First Name: [Blank] Last Name / Organization: **90 THE GART CONSTRUCTION** E-mail Address: [Blank] Well Constructed by Well Owner

Mailing Address (Street Number/Name): **3187 ANBION RD SOUTH** Municipality: **OTTAWA** Province: **ON** Postal Code: **K1V 6S6** Telephone No. (inc. area code): **(613) 521-3000**

Well Location

Address of Well Location (Street Number/Name): **3225 NAVAN ROAD** Township: **GLoucester (ON)** Lot: **5** Concession: **4**

County/District/Municipality: **OTTAWA/CARLETON** City/Town/Village: **OTTAWA** Province: **Ontario** Postal Code: [Blank]

UTM Coordinates: Zone: **18N** Easting: **460025** Northing: **5030784** Municipal Plan and Sublot Number: [Blank] Other: [Blank]

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
	<p>WELL RECORD ISSUED FOR ABANDONMENT OF EXISTING 4" WELL @ 3225 NAVAN ROAD.</p>			0.00	32.7m

Annular Space

Depth Set at (m/ft) From	Depth Set at (m/ft) To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0.00	32.7	Waterplug grout	0.33

Results of Well Yield Testing

After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:	Static Level	11.3		
	1			
	2			
	3			
	4			
	5			
Pump intake set at (m/ft)				
Pumping rate (l/min / GPM)				
Duration of pumping hrs + min				
Final water level end of pumping (m/ft)				
If flowing give rate (l/min / GPM)				
Recommended pump depth (m/ft)				
Recommended pump rate (l/min / GPM)				
Well production (l/min / GPM)				
Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

Method of Construction

<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Not used
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input checked="" type="checkbox"/> Dewatering
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole	<input type="checkbox"/> Monitoring
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning	
<input type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial		
<input type="checkbox"/> Other, specify		<input type="checkbox"/> Other, specify		

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
					<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input checked="" type="checkbox"/> Abandoned, other, specify <input type="checkbox"/> Other, specify

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)		Status of Well
			From	To	
					<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input checked="" type="checkbox"/> Abandoned, other, specify <input type="checkbox"/> Other, specify

Water Details

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	Hole Diameter Depth (m/ft) From	Hole Diameter Diameter (cm/in) To
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	0.00	12.20
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	32.7	32.7

Well Contractor and Well Technician Information

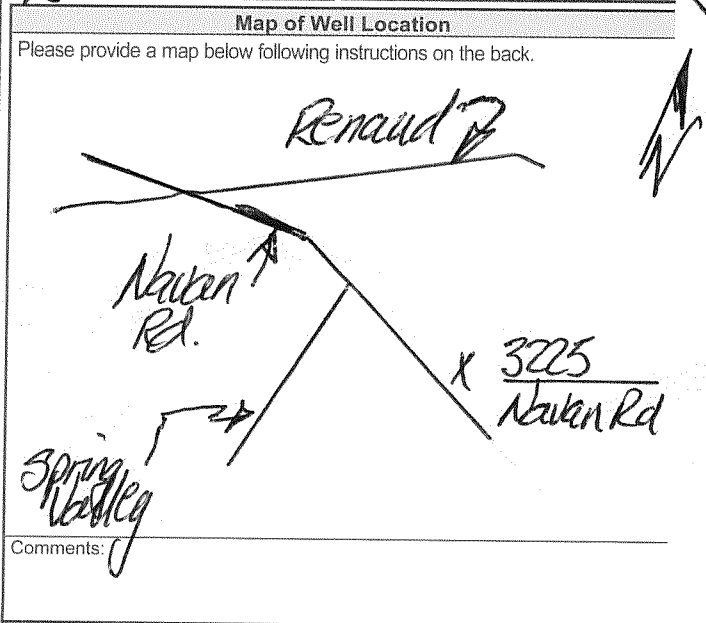
Business Name of Well Contractor: **STANTON DRILLING INC** Well Contractor's Licence No.: **4875**

Business Address (Street Number/Name): **BOX 219, 157 FLEAROCK RD** Municipality: **PAKENHAM**

Province: **ON** Postal Code: **K0A 2X0** Business E-mail Address: **stantondrilling@bell.net**

Telephone No. (inc. area code): **(613) 624-5622** Name of Well Technician (Last Name, First Name): **STANTON, PETER**

Well Technician's Licence No.: **0086** Signature of Technician and/or Contractor: [Signature] Date Submitted: **20151220**



Well owner's information package delivered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered: [Blank]	Ministry Use Only Audit No: Z220167 Received: DEC 29 2015
Date Work Completed: 20151209	[Blank]	

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: 7387188

Well Audit Number: C35574

Well Tag Number: A204051

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

Well Location

Address of Well Location	
Township	GLOUCESTER TOWNSHIP
Lot	004
Concession	OF 04
County/District/Municipality	OTTAWA-CARLETON

City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 460128.00 Northing: 5030673.00
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

Well Contractor's Licence Number: 7328

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: C35574

Date Well Completed: September 05, 2019

Date Well Record Received by MOE: May 13, 2021

Related

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



DATABASE REPORT

Project Property: *Phase I ESA Update
3317 Navan Road
Navan ON K4B 1H9
P.O.56554/PE4245*

Project No: *23010500210*

Report Type: *Standard Report*

Order No: *23010500210*

Requested by: *Paterson Group Inc.*

Date Completed: *January 10, 2023*

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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Executive Summary

Property Information:

Project Property: *Phase I ESA Update
3317 Navan Road Navan ON K4B 1H9*

Project No: *P.O.56554/PE4245*

Coordinates:

Latitude: *45.4292886*
Longitude: *-75.5090562*
UTM Northing: *5,030,766.74*
UTM Easting: *460,179.32*
UTM Zone: *18T*

Elevation: *265 FT
80.88 M*

Order Information:

Order No: *23010500210*
Date Requested: *January 5, 2023*
Requested by: *Paterson Group Inc.*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	1	1
ECA	<i>Environmental Compliance Approval</i>	Y	0	1	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	4	5
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	0	0
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	1	0	1
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	0	0
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	2	2
Total:			2	8	10

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
1	RSC	1561976 Ontario Inc.	3317 NAVAN RD, GLOUCESTER, ON, K4B 1H9 GLOUCESTER ON K4B 1H9	-/0.0	0.00	13
1	EHS		3317 Navan Rd Ottawa ON	-/0.0	0.00	13

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
2	WWIS		lot 4 con 4 ON Well ID: 7387188	SW/106.9	0.00	13
3	ECA	Ashcroft Homes - Eastboro Inc.	3253 Navan Rd part 4 , 4 Ottawa front Ottawa ON K2E 1A9	WNW/108.9	0.00	14
4	EHS		Block 76, part of 3323 Navan Road Navan ON K4B 1H9	NE/111.6	1.03	14
4	EHS		Block 76, part of 3323 Navan Road Navan ON K4B 1H9	NE/111.6	1.03	15
5	EBR	Ashcroft Homes Inc.	3323 Navan Road, Ottawa, Ontario. CITY OF OTTAWA ON	E/124.0	1.00	15
6	WWIS		3225 NAVAN ROAD lot 5 con 4 OTTAWA ON Well ID: 7254951	W/155.3	0.00	15
7	EHS		3252 Navan Road Navan ON K4B 1H9	SSW/167.4	0.00	18
7	EHS		3252 Navan Road Navan ON K4B 1H9	SSW/167.4	0.00	18

Executive Summary: Summary By Data Source

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Nov 30, 2022 has found that there are 1 EBR 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>
Ashcroft Homes Inc.	3323 Navan Road, Ottawa, Ontario. CITY OF OTTAWA ON	E	123.98	<u>5</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Nov 30, 2022 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ashcroft Homes - Eastboro Inc.	3253 Navan Rd part 4 , 4 Ottawa front Ottawa ON K2E 1A9	WNW	108.94	<u>3</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2022 has found that there are 5 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>
	3317 Navan Rd Ottawa ON	-	0.00	<u>1</u>
	Block 76, part of 3323 Navan Road Navan ON K4B 1H9	NE	111.61	<u>4</u>
	Block 76, part of 3323 Navan Road Navan ON K4B 1H9	NE	111.61	<u>4</u>
	3252 Navan Road Navan ON K4B 1H9	SSW	167.41	<u>7</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	3252 Navan Road Navan ON K4B 1H9	SSW	167.41	7

RSC - Record of Site Condition

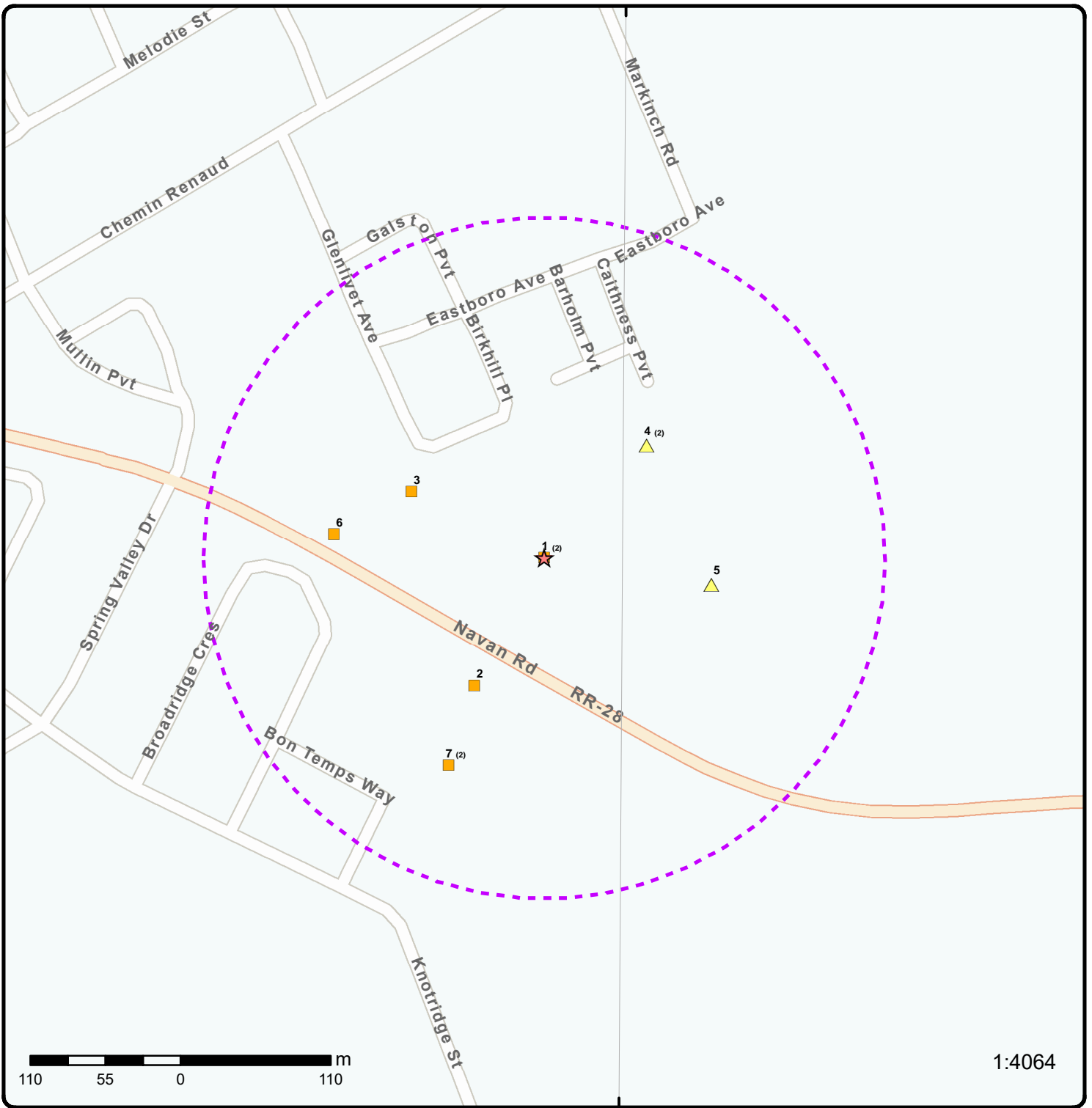
A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Nov 2022 has found that there are 1 RSC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
1561976 Ontario Inc.	3317 NAVAN RD, GLOUCESTER, ON, K4B 1H9 GLOUCESTER ON K4B 1H9	-	0.00	1

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30 2022 has found that there are 2 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>
	lot 4 con 4 ON <i>Well ID: 7387188</i>	SW	106.87	2
	3225 NAVAN ROAD lot 5 con 4 OTTAWA ON <i>Well ID: 7254951</i>	W	155.28	6

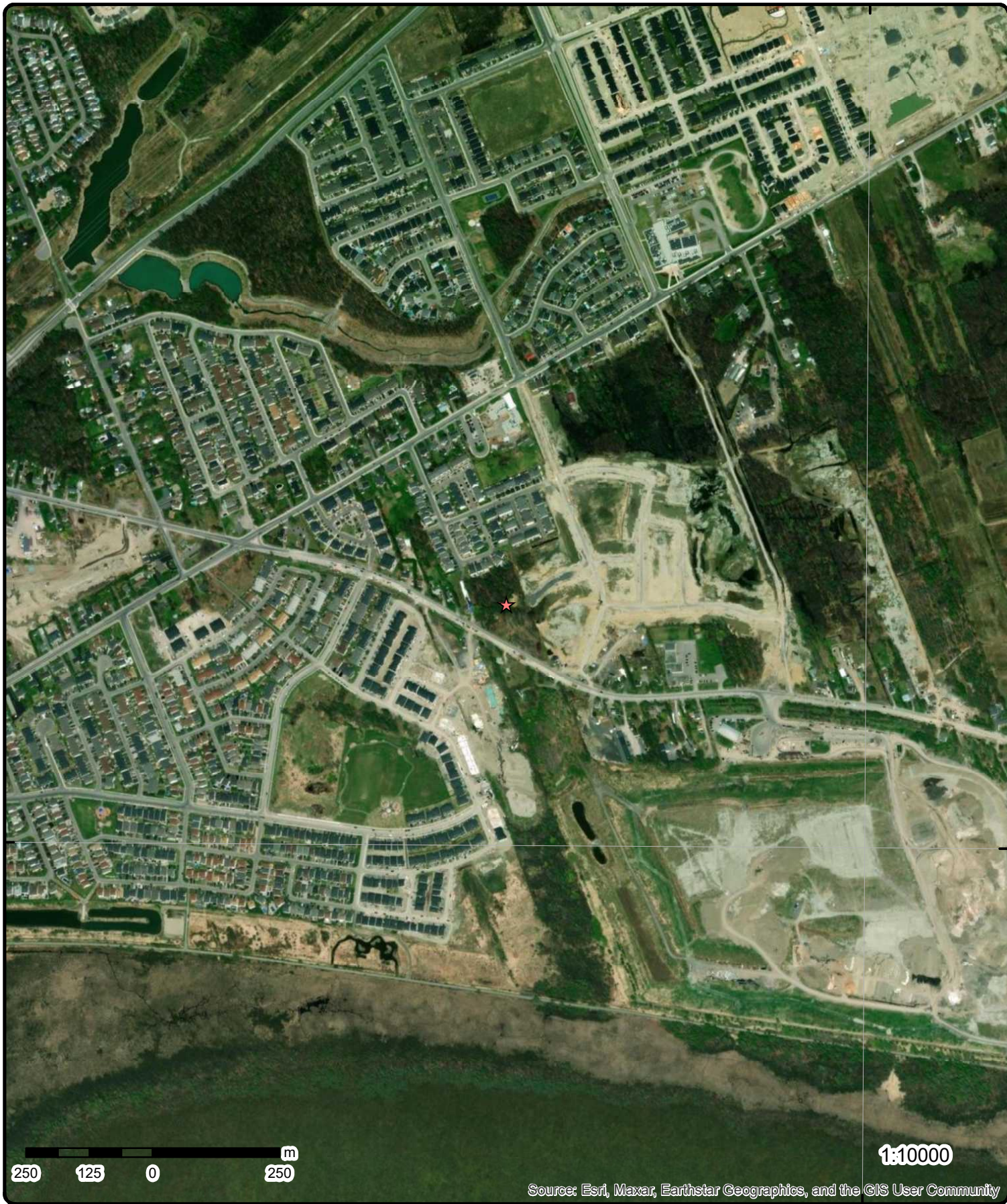


Map: 0.25 Kilometer Radius

Order Number: 23010500210
 Address: 3317 Navan Road, Navan, ON



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



Aerial Year: 2022

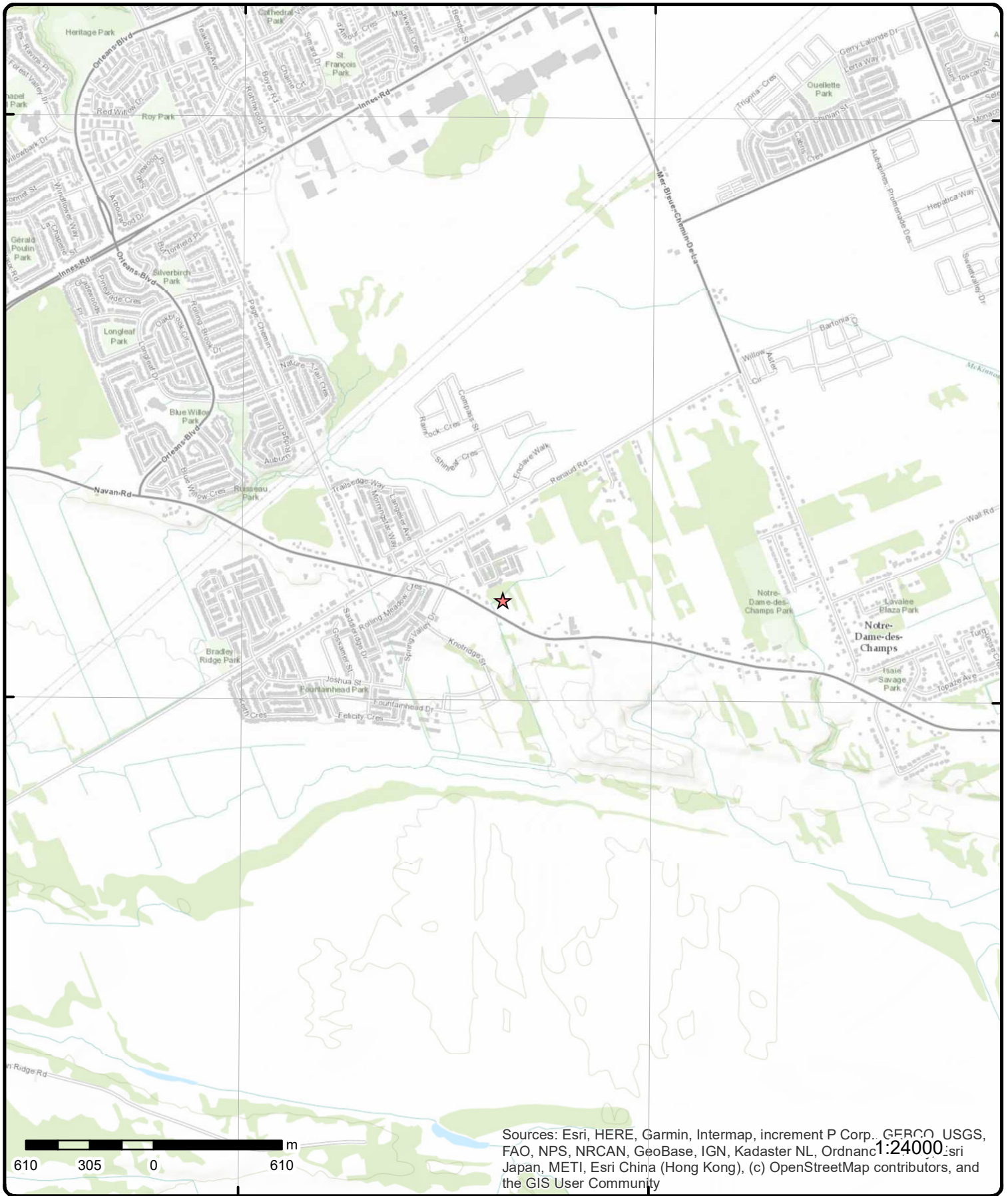
Order Number: 23010500210

Address: 3317 Navan Road, Navan, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



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

Topographic Map

Order Number: 23010500210

Address: 3317 Navan Road, ON



Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB																																																																																												
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Construction Date:		Flow Rate:																																																																																															
Use 1st:		Data Entry Status:	Yes																																																																																														
Use 2nd:		Data Src:																																																																																															
Final Well Status:		Date Received:	13-May-2021 00:00:00																																																																																														
Water Type:		Selected Flag:	TRUE																																																																																														
Casing Material:		Abandonment Rec:																																																																																															
Audit No:	C35574	Contractor:	7328																																																																																														
Tag:	A204051	Form Version:	8																																																																																														

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Owner:
County: OTTAWA-CARLETON
Lot: 004
Concession: 04
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1008665125
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05-Sep-2019 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:

Elevation:
Elevrc:
Zone: 18
East83: 460128.00
North83: 5030673.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Links

Bore Hole ID: 1008665125
Depth M:
Year Completed: 2019
Well Completed Dt: 2019/09/05
Audit No: C35574

Tag No: A204051
Contractor: 7328
Path:
Latitude: 45.4284419026041
Longitude: -75.5097046751394

<u>3</u>	1 of 1	WNW/108.9	80.9 / 0.00	Ashcroft Homes - Eastboro Inc. 3253 Navan Rd part 4 , 4 Ottawa front Ottawa ON K2E 1A9	ECA
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Approval No: 7692-85VRBV
Approval Date: 2010-06-01
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: Ashcroft Homes - Eastboro Inc.
Address: 3253 Navan Rd part 4 , 4 Ottawa front
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3864-85NRTL-14.pdf>
PDF Site Location:

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

<u>4</u>	1 of 2	NE/111.6	81.9 / 1.03	Block 76, part of 3323 Navan Road Navan ON K4B 1H9	EHS
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Order No: 20200312026
Status: C
Nearest Intersection:
Municipality: City of Ottawa

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Type: Standard Report Report Date: 17-MAR-20 Date Received: 12-MAR-20 Previous Site Name: Lot/Building Size: approximately 77m x 105m Additional Info Ordered:					
Client Prov/State: ON Search Radius (km): .25 X: -75.5081037 Y: 45.4300365					
4	2 of 2	NE/111.6	81.9 / 1.03	Block 76, part of 3323 Navan Road Navan ON K4B 1H9	EHS
Order No: 20200312026 Status: C Report Type: Standard Report Report Date: 17-MAR-20 Date Received: 12-MAR-20 Previous Site Name: Lot/Building Size: approximately 77m x 105m Additional Info Ordered:					
Nearest Intersection: Municipality: City of Ottawa Client Prov/State: ON Search Radius (km): .25 X: -75.5081037 Y: 45.4300365					
5	1 of 1	E/124.0	81.9 / 1.00	Ashcroft Homes Inc. 3323 Navan Road, Ottawa, Ontario. CITY OF OTTAWA ON	EBR
EBR Registry No: 013-0286 Ministry Ref No: MNRF INST 29/17 Notice Type: Instrument Decision Notice Stage: Notice Date: September 01, 2017 Proposal Date: April 06, 2017 Year: 2017 Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species Off Instrument Name: Posted By: Company Name: Ashcroft Homes Inc. Site Address: Location Other: Proponent Name: Proponent Address: 18 Antares Drive, Ottawa Ontario, Canada K2E1A9 Comment Period: URL:					
Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:					
Site Location Details: 3323 Navan Road, Ottawa, Ontario. CITY OF OTTAWA					
6	1 of 1	W/155.3	80.9 / 0.00	3225 NAVAN ROAD lot 5 con 4 OTTAWA ON	WWIS
Well ID: 7254951 Construction Date: Use 1st: Not Used Use 2nd: Final Well Status: Abandoned-Other Water Type: Casing Material: Audit No: Z220167 Tag: Constructn Method:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 29-Dec-2015 00:00:00 Selected Flag: TRUE Abandonment Rec: Yes Contractor: 4875 Form Version: 7 Owner:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m): Elevatn Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:		GLOUCESTER TOWNSHIP		County: OTTAWA-CARLETON Lot: 005 Concession: 04 Concession Name: OF Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/725\7254951.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2015/12/09			
Year Completed:		2015			
Depth (m):					
Latitude:		45.4294351183395			
Longitude:		-75.5110303412974			
Path:		725\7254951.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1005846525		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 18	
Code OB:				East83: 460025.00	
Code OB Desc:				North83: 5030784.00	
Open Hole:				Org CS: UTM83	
Cluster Kind:				UTMRC: 4	
Date Completed:		09-Dec-2015 00:00:00		UTMRC Desc: margin of error : 30 m - 100 m	
Remarks:				Location Method: wwr	
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005954067			
Layer:		1			
Plug From:		0.0			
Plug To:					
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005954066			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005954058			
Casing No:		0			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1005954063			
<i>Layer:</i>					
<i>Material:</i>					
<i>Open Hole or Material:</i>					
<i>Depth From:</i>					
<i>Depth To:</i>					
<i>Casing Diameter:</i>					
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1005954064			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>					
<u>Results of Well Yield Testing</u>					
<i>Pumping Test Method Desc:</i>					
<i>Pump Test ID:</i>		1005954059			
<i>Pump Set At:</i>					
<i>Static Level:</i>		11.300000190734863			
<i>Final Level After Pumping:</i>					
<i>Recommended Pump Depth:</i>					
<i>Pumping Rate:</i>					
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>					
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		0			
<i>Water State After Test:</i>					
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>					
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		No			
<u>Water Details</u>					
<i>Water ID:</i>		1005954062			
<i>Layer:</i>					
<i>Kind Code:</i>					
<i>Kind:</i>					
<i>Water Found Depth:</i>					
<i>Water Found Depth UOM:</i>		m			
<u>Hole Diameter</u>					
<i>Hole ID:</i>		1005954061			
<i>Diameter:</i>		12.19999809265137			
<i>Depth From:</i>		0.0			
<i>Depth To:</i>		32.70000076293945			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
Links					
Bore Hole ID:	1005846525			Tag No:	
Depth M:				Contractor:	4875
Year Completed:	2015			Path:	725\7254951.pdf
Well Completed Dt:	2015/12/09			Latitude:	45.4294351183395
Audit No:	Z220167			Longitude:	-75.5110303412974

7	1 of 2	SSW/167.4	80.9 / 0.00	3252 Navan Road Navan ON K4B 1H9	EHS
Order No:	20200501079			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	06-MAY-20			Search Radius (km):	.25
Date Received:	01-MAY-20			X:	-75.5099434
Previous Site Name:				Y:	45.4279173
Lot/Building Size:					
Additional Info Ordered:					

7	2 of 2	SSW/167.4	80.9 / 0.00	3252 Navan Road Navan ON K4B 1H9	EHS
Order No:	20200501079			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	06-MAY-20			Search Radius (km):	.25
Date Received:	01-MAY-20			X:	-75.5099434
Previous Site Name:				Y:	45.4279173
Lot/Building Size:					
Additional Info Ordered:					

Unplottable Summary

Total: **10** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	GLOUCESTER CITY	NAVAN RD.	GLOUCESTER CITY ON	
CA	HUNEALT WASTE MANAGEMENT LTD.	NAVAN RD., LEACHATE EFF. P.S.	GLOUCESTER ON	
CA	HUNEALT WASTE MANAGEMENT LTD.	NAVAN RD.,LEACHATE EFF. P.S.	GLOUCESTER ON	
CA	APEX CONST. (VAULTEX CONST.)	NAVAN RD.	GLOUCESTER CITY ON	
ECA	City of Ottawa	Navan Rd	Ottawa ON	K2G 6J8
ECA	City of Ottawa	Navan Road	Ottawa ON	K1S 5K2
GEN	OTTAWA-CARLTON, REGIONAL MUN OF	REGIONAL ROAD #28 (NAVAN ROAD) C/O 175 LORETTA AVENUE NORTH	OTTAWA ON	K1Y 2Z7
GEN	OTTAWA-CARLTON, REGIONAL MUN OF 29-004	REGIONAL ROAD #28 (NAVAN ROAD) C/O 175 LORETTA AVENUE NORTH	OTTAWA ON	K1Y 2Z7
SPL	NAVRO INC	ON MR. CALLAHAN PROPERTY NAVAN ROAD GLOUCESTER PLANT NAVAN ROAD	GLOUCESTER CITY ON	
SPL	PERMANENT CONCRETE	REGIONAL RD. 28, 1 MI. E. OF NAVAN NAVAN PLANT LOT 9, CONCESSION 6	OTTAWA CITY ON	

Unplottable Report

Site: GLOUCESTER CITY
NAVAN RD. GLOUCESTER CITY ON

Database:
CA

Certificate #: 3-2067-87-
Application Year: 87
Issue Date: 11/17/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: HUNEAULT WASTE MANAGEMENT LTD.
NAVAN RD., LEACHATE EFF. P.S. GLOUCESTER ON

Database:
CA

Certificate #: 3-0111-98-
Application Year: 98
Issue Date: 3/3/1998
Approval Type: Municipal sewage
Status: PEO
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: HUNEAULT WASTE MANAGEMENT LTD.
NAVAN RD., LEACHATE EFF. P.S. GLOUCESTER ON

Database:
CA

Certificate #: 3-0111-98-
Application Year: 98
Issue Date: 7/23/1998
Approval Type: Municipal sewage
Status: PEO
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: APEX CONST. (VAULTX CONST.)
NAVAN RD. GLOUCESTER CITY ON

Database:
CA

Certificate #: 3-1234-86-
Application Year: 86

Issue Date: 9/11/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database:
ECA

Approval No: 7659-ALUK3A
Approval Date: 2017-05-11
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Navan Rd
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/2093-ALCKN7-14.pdf>
PDF Site Location:

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

Site: City of Ottawa
Navan Road Ottawa ON K1S 5K2

Database:
ECA

Approval No: 2148-5PNPTW
Approval Date: 2003-07-25
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: City of Ottawa
Address: Navan Road
Full Address:
Full PDF Link:
PDF Site Location:

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

Site: OTTAWA-CARLTON, REGIONAL MUN OF
REGIONAL ROAD #28 (NAVAN ROAD) C/O 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 2Z7

Database:
GEN

Generator No: ON0303100
SIC Code: 8351
SIC Description: EXEC./LEGIS. ADMIN.
Approval Years: 88,89,90
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Site: OTTAWA-CARLTON, REGIONAL MUN OF 29-004
REGIONAL ROAD #28 (NAVAN ROAD) C/O 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 2Z7

Database:
GEN

Generator No: ON0303100
SIC Code: 8351
SIC Description: EXEC./LEGIS. ADMIN.
Approval Years: 94,95,96
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Site: NAVRO INC
ON MR. CALLAHAN PROPERTY NAVAN ROAD GLOUCESTER PLANT NAVAN ROAD GLOUCESTER CITY ON

Database:
SPL

Ref No:	2118	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	4/5/1988	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:		Site Municipality:	20105
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scrn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/5/1988	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	NAVRO INC - UNKNOWN AMOUNTH OF LATEX PAINT LEAK TO NEXT DOOR LAND		
Contaminant Qty:			

Site: PERMANENT CONCRETE
REGIONAL RD. 28, 1 MI. E. OF NAVAN NAVAN PLANT LOT 9, CONCESSION 6 OTTAWA CITY ON

Database:
SPL

Ref No:	619	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	2/24/1988	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CAUSE (N.O.S.)	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	

Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: SOIL CONTAMINATION
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/24/1988
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: PERMANENT CONCRETE - 2,000 L GASOLINE TO GROUND FROM TANK.
Contaminant Qty:

Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

The Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of 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 Oct 2022

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-Nov 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 - Nov 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 - Oct 2022

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- Nov 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 - Nov 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- Nov 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 ERIS 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 / 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-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal **GHG**

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

Government Publication Date: 2013-Dec 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-Nov 30, 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 - Nov 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- Nov 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 in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 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 - Nov 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-Nov 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 - Apr 2020

Variations 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- Nov 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 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: 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.