



July 17, 2025
File: PE7106-LET.01

M. Sullivan and Son Limited
236 Madawaska Blvd., Unit 100
Arnprior, Ontario
K7S 0A3

Attention: **Mr. Joe Fitzpatrick**

Subject: **Phase I - Environmental Site Assessment Update**
8560 Campeau Drive
Ottawa, Ontario

Consulting Engineers

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

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

patersongroup.ca

Dear Sir,

Further to your request, Paterson Group (Paterson) conducted a Phase I - Environmental Site Assessment (Phase I ESA) Update for the property located at 8560 Campeau Drive, in the City of Ottawa (Phase I ESA Property).

This updates a previous Phase I ESA conducted for the Phase I ESA Property completed by EXP, dated April 14, 2014 and is intended to meet the requirements of a Phase I ESA Update, as per the Ministry of the Environment, Conservation and Parks (MECP) Standard Ontario Regulation (O.Reg.) 153/04: Records of Site Condition, as amended, under the Environmental Protection Act. This report is to be read in conjunction with the previous reports.

Site Information

The Phase I ESA Property is located at the northwest corner of the Journeyman Street and Campeau Drive intersection, in the City of Ottawa, Ontario, which is shown on Figure 1 - Key Plan, following the body of this report.

The Phase I ESA Property is situated in an urban setting consisting of commercial land uses. The Phase I ESA Property is currently occupied by a commercial building. The southern portion of the building is two stories and used for commercial office purposes while the northern portion is single-storey and used as a training area for carpenters. The remainder of the Phase I Property is landscaped or is used as a parking lot.



Previous Engineering Reports

The following report was reviewed prior to conducting this assessment:

- ❑ 'Phase I Environmental Site Assessment, Block 22, Part of Lots 374, Concession 1, Geographic Township of Huntley, Ottawa, Ontario', prepared by EXP, dated April 14, 2014.

According to historical research conducted as part of the 2014 Phase I ESA, the Phase I Property was vacant. Based on the historical review, the Phase I Property has always been used for agricultural purposes since the late 1800s until the time of the Phase I ESA. Surrounding properties consisted of mainly residential to the northeast and east, commercial to the south and agricultural or vacant lands to the west at the time of the 2014 Phase I ESA. Exp did not identify any areas of potential environmental contamination (APEC) associated with the Phase I Property or adjacent properties.

A Phase II ESA was not recommended.

Historical Review and Records Update

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

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the Phase I Property. An ERIS Report was obtained from the 2014 Phase I ESA and was reviewed as part of this Phase I ESA Update. The ERIS Report identified one certificate of approval for the property located at 405 Huntmar Drive. The record pertained to an industrial sewage work. Due to the nature of this record, it is not considered to pose a potential environmental concern to the Phase I Property. An FOI request was filed for the Phase I Property. A copy of the response will be forwarded to the client, should it contain any pertinent information.

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. The previous ERIS Report did not identify any of the abovementioned records within the study area. 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.

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. The previous



ERIS Report did not identify any of the abovementioned records within the study area. 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.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records. The previous ERIS Report identified one waste generator associated with the property located at 405 Huntmar Drive did not identify any of the abovementioned records within the study area. 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.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment for the site, neighbouring properties and the general area of the site. No Record of Site Condition (RSC) was filed for the Phase I Property or within the study area.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto, was contacted electronically on June 20, 2024, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. A response from the TSSA indicated that no records were listed in the TSSA registry for the Phase I Property or within the study area. A copy of the TSSA response has been appended to this report.

City of Ottawa Historical Land Use Inventory (HLUI)

As part of this assessment, a requisition form was submitted to the City of Ottawa to request information from the City's Historical Land Use Inventory (HLUI) database for any environmental records pertaining to the Phase I Property as well as any properties situated within the Phase I Study Area. At the time of issuance of this report, a response from the City of Ottawa had not been received. A copy of the response will be forwarded to the client, should it contain any pertinent information.

Environmental Risk Information Service (ERIS) Report

An ERIS (Environmental Risk Information Service) Report was obtained for Phase I Property and surrounding lands as part of the 2014 Phase I ESA. It should be noted that the ERIS report includes information that can normally be obtained through the MECP FOI, MECP well records search as well as several other records (i.e., incident reports, waste generators, etc.). The complete ERIS report has been appended to this report.



☐ *On-Site Records:*

No records were identified for the Phase I Property.

☐ *Off-Site Records:*

A total of 3 new records were identified for the surrounding properties within the Phase I Study Area.

The ERIS report identified one Ontario Regulation 347 Waste Generators Summary record for the property located at 405 Huntmar Drive. This record is not considered to represent an environmental concern due to its nature.

One industrial sewage works record was identified on the property located at 405 Huntmar Drive. Due to its nature, this record is not considered to represent an environmental concern. One borehole record was also identified within the study area and is not considered to represent an environmental concern.

MECP Water Well Records

A search of the MECPs website for all drilled well records within 250 m of the Phase I Property was conducted in July 2025. No well records were identified for the Phase I Property.

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

Aerial Photographs

The latest aerial photograph reviewed as part of the 2014 Phase I ESA was from 2011. A review of the 2022 aerial photograph shows the present-day commercial building on the eastern portion of the Phase I Property. Surrounding properties have been developed with commercial/light industrial buildings since the 2011 aerial photograph. A copy of the 2022 aerial photograph has been appended to this report.

Property Owner Representative Interview

Mr. Landon James, with M. Sullivan and Son Limited, was interviewed as part of this Phase I ESA Update. Mr. James stated that the Phase I Property is currently occupied by a carpenters union where the northern portion is being used for office purposes and the southern portion of the building is being used as a training centre for carpenters. Mr. James indicated that he is unaware of any environmental concerns regarding the Phase I Property.



Site Reconnaissance

The site visit was conducted on July 7, 2025. Mr. Mohammed Ramadan 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 visits.

Exterior Assessment

The Phase I Property is occupied by a commercial building that is being used for carpenters union. The northern portion of the building is being used for office purposes while the southern portion is being used as a training center for carpenters. Constructed circa 2016, the building is constructed with a slab-on-grade foundation and is finished on the exterior with vinyl siding, in addition to a flat tar and gravel roof. The building is heated and cooled via natural gas-fired roof top units.

The remainder of the Phase I Property consists of paved parking areas surrounding the buildings, with grassed/treed land along the property boundaries.

Site drainage consists of infiltration and sheet flow to catch basins located in the on-site parking lot and adjacent roadways. The site topography is at grade with surrounding properties. The regional topography slopes down in a westerly direction toward the Carp River.

No evidence of underground storage tanks (USTs), aboveground storage tanks (ASTs) or chemical storage was observed on the exterior of the Phase I Property at the time of the site inspection. One pad-mounted transformer was identified on the eastern portion of the Phase I Property at the time of the site visit. The transformer was noted to be in good condition with no signs of leaks or staining identified. The pad-mounted transformer is not considered to represent an environmental concern to the Phase I Property.

No environmental concerns were noted with respect to waste management practices on the Phase I Property.

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

No evidence of current or former railway or spur lines was observed on the Phase I Property 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 PE7106-1 - Site Plan.



Interior Assessment

A general assessment of the interior of the subject buildings is as follows:

- ☐ The floors throughout consisted of vinyl floor tiles, carpet and ceramic tiles;
- ☐ The walls consisted of drywall;
- ☐ The ceilings consisted of suspended tiles and drywall;
- ☐ Lighting throughout the building was provided by LED and incandescent fixtures.

Hazardous Building Materials

Based on the age of the subject buildings (c. 2016), asbestos-containing materials and lead-based paints are not expected to be present within the subject building.

Other Potential Environmental Concerns

☐ **Fuels and Chemical Storage**

No fuels or chemicals, with the exception of cleaning products and paints, were observed on the interior the subject building at the time of the site visit.

☐ **Wastewater Discharges**

Wastewater from the subject buildings, consisting of wash water and sewage, is discharged into the City of Ottawa sanitary sewer system. No environmental concerns were identified with respect to wastewater discharges at the Phase I Property at the time of the site inspection.

Several floor drains were located throughout the subject buildings, both in the basement and the main floors, no water was observed in the floor drains.

☐ **Ozone Depleting Substances (ODSs)**

Potential sources of ODSs observed in the subject building include fire extinguishers, several refrigerators, a commercial sized freezer, and air conditioning units. These appliances appeared to be in good condition at the time of the site inspection and should be regularly serviced by a license contractor.

Neighbouring Properties

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

- ☐ North – Building materials supplier and electrical wholesaler building, followed by vacant lands;



- ❑ South – Campeau Drive, followed by commercial retail buildings;
- ❑ East – Journeyman Street, followed by auto parts store;
- ❑ West – Hotel, followed by Palladium Drive.

One retail fuel outlet addressed 8605 Campeau Drive, approximately 105 m south of the Phase I Property, is considered to be a PCA that does not result in an APEC due to its distance away and its recent construction (c. 2024).

Current land use and PCAs identified within the Phase I Study Area are presented on Drawing PE7106-2 – Surrounding Land Use Plan, appended to this report.

Phase I Conceptual Site Model

Geological and Hydrogeological Setting

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 consists of interbedded limestone and shale of the Verulam Formation. Overburden soils are shown as offshore marine sediments, with a drift thickness on the order of 10-25 m.

Groundwater is expected to flow in an eastern direction towards Carp River.

Existing Buildings and Structures

The Phase I Property is occupied by a commercial building that is being used for carpenters union. The northern portion of the building is being used for office purposes while the southern portion is being used as a training center for carpenters. Constructed circa 2016, the building is constructed with a slab-on-grade foundation and is finished on the exterior with vinyl siding, in addition to a flat tar and gravel roof. The building is heated and cooled via natural gas-fired roof top units.

Water Bodies

No creeks, rivers, streams, lakes or any other water body were identified in the Phase I Study Area. The Carp River is the closest significant water body and is present approximately 1.2km east of the site.

Areas of Natural Significance

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



Drinking Water Wells

There are no potable water wells on the Phase I Property, nor are any expected to be present within the Phase I Study Area.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area consists of primarily commercial or light industrial. One retail fuel outlet addressed 8605 Campeau Drive, approximately 105 m south of the Phase I Property, is considered to be a PCA that does not result in an APEC due to its distance away and its recent construction (c. 2024).

Potentially Contaminating Activities and Areas of Potential Environmental Concern

One PCA identified within the Phase I Study Area was identified as shown on Drawing PE7106-2 – Surrounding Land Use and is not considered to have the potential to impact the Phase I Property, based on its separation distance and/or down/cross-gradient orientation with respect to the Phase I Property.

Underground Utilities

The Phase I Property is situated in a municipally serviced area. Underground utility services on the property include natural gas, water, hydro electric power and sewer services.

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 PCAs that result in APECs on the Phase I ESA 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

As a result of the additional historical research, records update and site visit undertaken as part of this assessment in order to meet the requirements of O.Reg. 153/04, as amended, **it is our opinion that a Phase II ESA is not required for the Phase I ESA 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 Phase I property 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 M. Sullivan and Son Limited. Permission and notification from M. Sullivan and Son Limited 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.

Mohammed Ramadan, B.Sc

Adrian Menyhart, P.Eng., Q.P.ESA



Report Distribution:

- ☐ M. Sullivan and Son Limited
- ☐ Paterson Group



Attachments:

- ☐ Figure 1 - Key Plan
- ☐ Aerial Photograph (2022)
- ☐ Drawing PE7106-1 - Site Plan
- ☐ Drawing PE7106-2 – Surrounding Land Use Plan
- ☐ FOI Request
- ☐ TSSA Correspondence
- ☐ HLUI Request
- ☐ ERIS Report

Ottawa Head Office

9 Auriga Drive
Ottawa – Ontario – K2E
7T9

Ottawa Laboratory

28 Concourse Gate
Ottawa – Ontario – K2E 7T7
Tel: (613) 226-7381

List of Services

Geotechnical Engineering ◇ Environmental Engineering ◇
Hydrogeology
Materials Testing ◇ Retaining Wall Design ◇ Rural Development Design



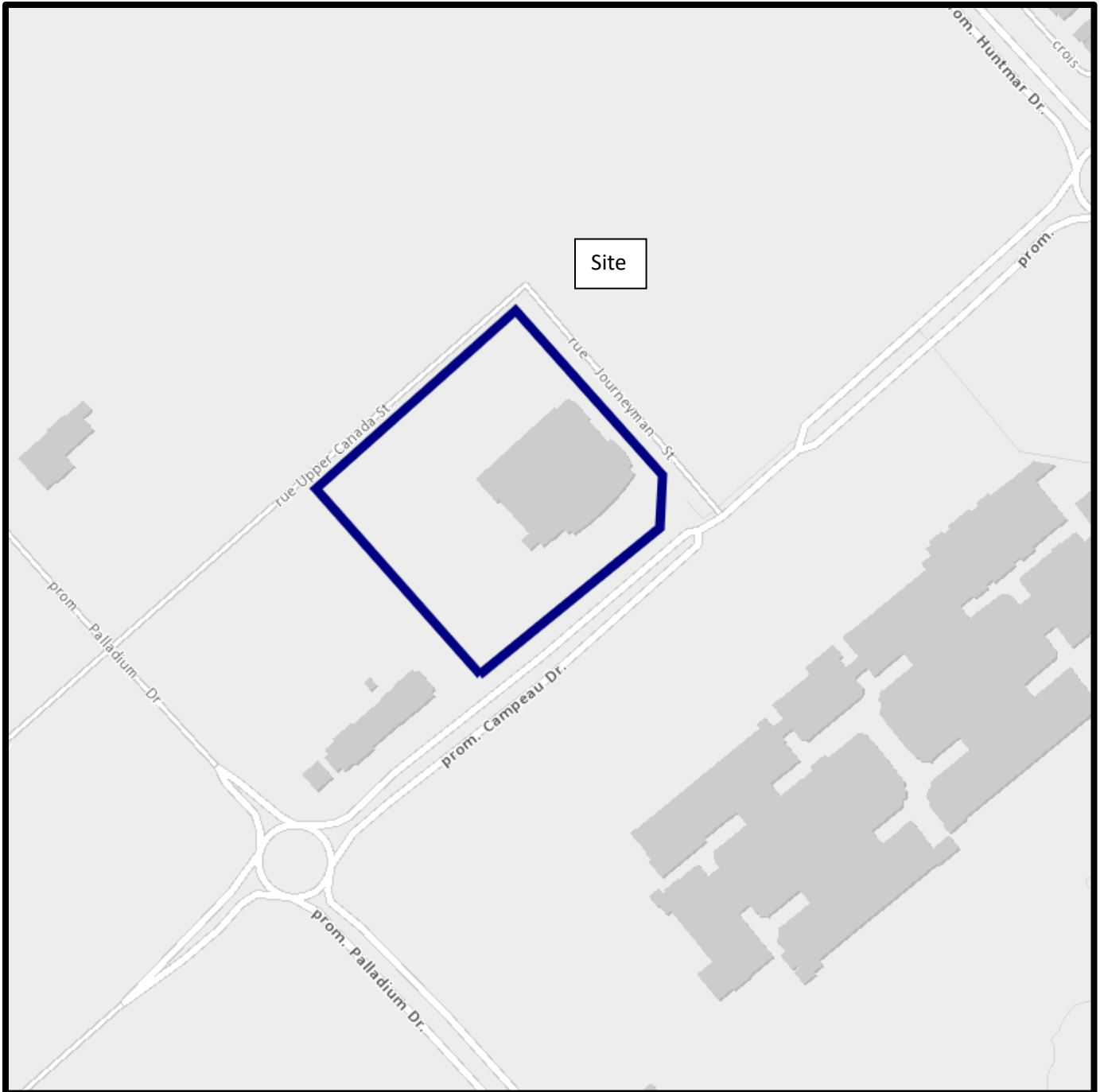
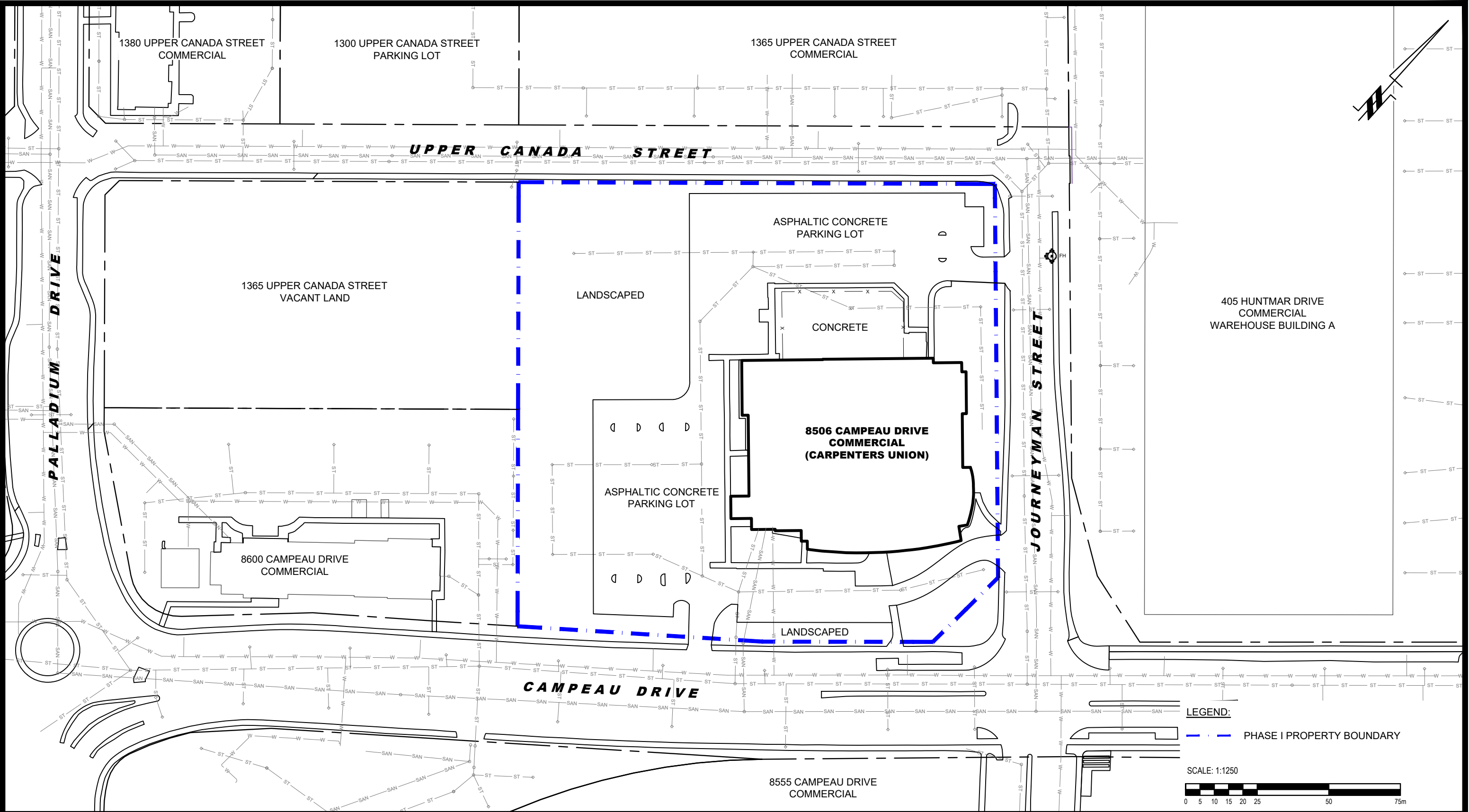


FIGURE 1
KEY PLAN



AERIAL PHOTOGRAPH
2022

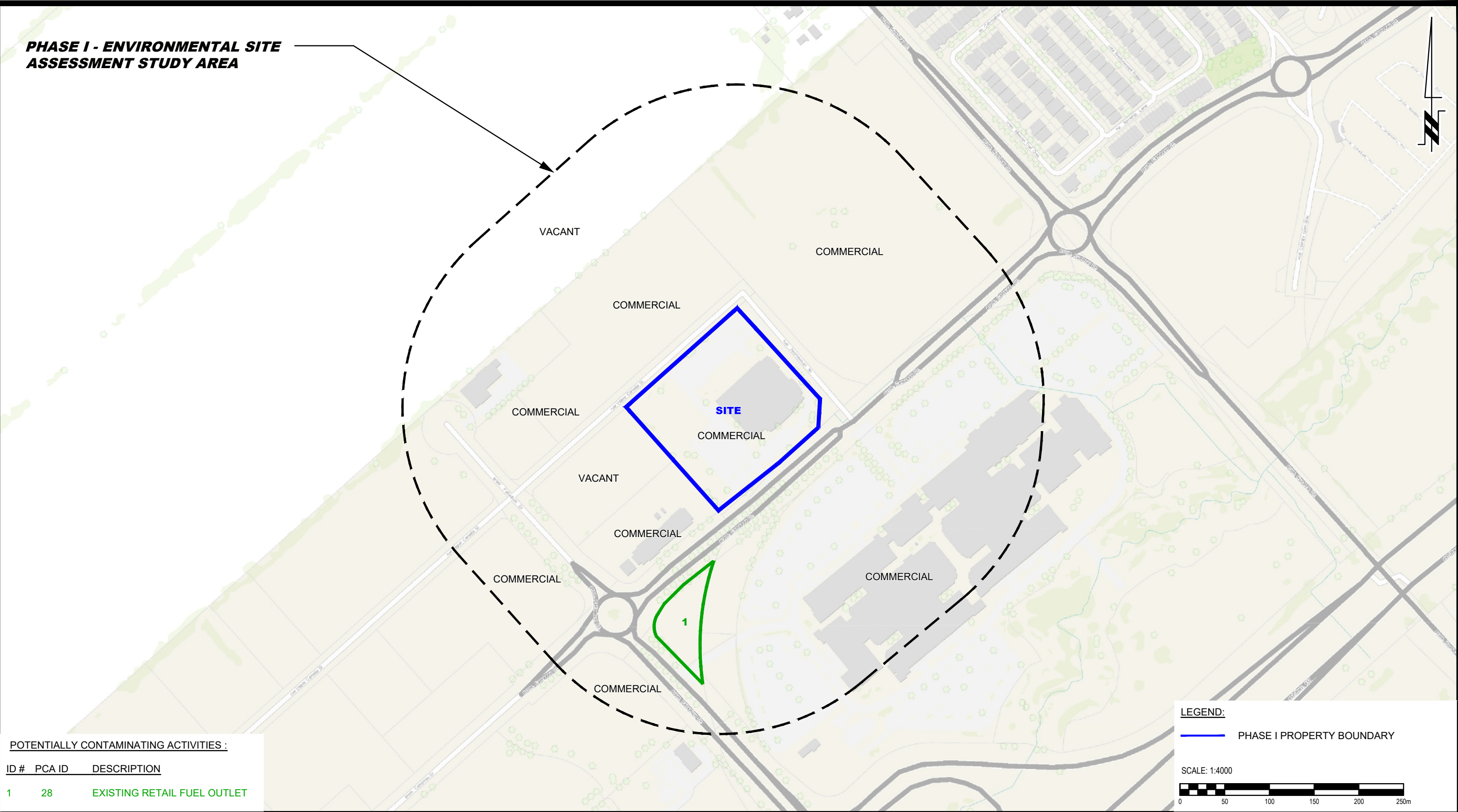


LEGEND:
--- PHASE I PROPERTY BOUNDARY

SCALE: 1:1250

 9 AURIGA DRIVE OTTAWA, ON K2E 7T9 TEL: (613) 226-7381					M. SULLIVAN AND SON LIMITED PHASE I - ENVIRONMENTAL SITE ASSESSMENT 8560 CAMPEAU DRIVE OTTAWA, Title:	ONTARIO	Scale:	1:1250	Date:	06/2025
							Drawn by:	YA	Report No.:	PE7106-1
							Checked by:	MR	Dwg. No.: PE7106-1	
							Approved by:	AM		Revision No.:
									</	

PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA



POTENTIALLY CONTAMINATING ACTIVITIES :

ID #	PCA ID	DESCRIPTION
1	28	EXISTING RETAIL FUEL OUTLET



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

NO.	REVISIONS	DATE	INITIAL

M. SULLIVAN AND SON LIMITED

PHASE I - ENVIRONMENTAL SITE ASSESSMENT

8560 CAMPEAU DRIVE

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale:	1:4000	Date:	06/2025
Drawn by:	YA	Report No.:	PE7106-1
Checked by:	MR	Dwg. No.:	PE7106-2
Approved by:	AM	Revision No.:	

Submission summary

Thank you. Your application has been submitted.

Form name:	MECP Freedom of Information
Form number:	012-2146E
Card type:	VISA
Transaction type:	Purchase
Payment total:	\$5.00 CAD
Payment status:	Successful
Payment confirmation:	33391910
Date/time:	July 15, 2025 4:35 PM
Submission confirmation number:	49024580
Submitted to:	Information Management and Access Branch

More information

Should you have any questions or comments regarding your application, please call or email the contact listed above. Every effort is made to ensure that the online form is successfully delivered; however, making sure that the document was received remains the responsibility of the user.

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RE: Records Search for PE7106

From Public Information Services <publicinformationsservices@tssa.org>

Date Tue 7/15/2025 9:06 AM

To Mohammed Ramadan <MRamadan@patersongroup.ca>

External Email: Do not click on links or open attachments unless you trust the sender.

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).

Accessing the applications

1. Click [Request a Public Record](#) - TSSA and click "need a copy of a document"
2. Select the appropriate application, download it, complete it in full and save it (Note: you will have to upload the application)
3. Proceed to page 3 of the application and click the "TSSA Service Prepayment Portal" link under payment options (the link will take you the secure site where you can pay for the request via credit card)

Accessing the Service Prepayment Portal

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

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

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

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

Kind regards,

From: Mohammed Ramadan <MRamadan@patersongroup.ca>
Sent: Tuesday, July 15, 2025 8:00 AM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: Records Search for PE7106

[CAUTION]: This email originated outside the organisation.

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

Good Morning,

Could you please complete a search of your records for underground/aboveground storage tanks for the following address in **Ottawa, Ontario**:

Campeau Drive: 8555, 8560, 8600
Upper Canada St: 1300, 1365,
Huntmar Drive: 405

Regards,



MOHAMMED RAMADAN, B.Sc.
Environmental Scientist
TEL: (613) 226-7381 ext. 345
DIRECT: (613) 909-8069
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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DATABASE REPORT



Project Property: *Phase I ESA - Block 22, Kanata
425 Huntmar Dr
Ottawa ON K2S1B9
Standard Report*

Report Type:

Order #: *20140224012*

Requested by: *exp Services Inc.*

Date: *March 4, 2014*

Ecolog ERIS Ltd.
Environmental Risk Information
Service Ltd. (ERIS)
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com
www.erisinfo.com

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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 - Block 22, Kanata
425 Huntmar Dr Ottawa ON K2S1B9*

Coordinates:

Latitude:	<i>45.299292</i>
Longitude:	<i>-75.940538</i>
UTM Northing:	<i>5,016,629.07</i>
UTM Easting:	<i>426,258.21</i>
UTM Zone:	<i>UTM Zone 18T</i>

Elevation: *335 FT
102.00 M*

Order Information:

Order No.: *20140224012*
Date Requested: *04/03/2014*
Requested by: *exp Services Inc.*
Report Type: *Standard Report*

Additional Products:

Insurance Products	<i>Inspection Reports</i>
Insurance Products	<i>Fire Insurance Plans</i>
Insurance Products	<i>Site Specific Plans</i>

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	1	1
CA	Certificates of Approval	Y	0	1	1
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	0	0
EIIS	Environmental Issues Inventory System	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
ESTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	1	1
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defence & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defence & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	0	0
		Total:	0	3	3

Executive Summary: Site Report Summary – Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev diff m	Page Number
------------	----	-------------------	---------	------------	----------------	----------------

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

Executive Summary: Site Report Summary – Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev Diff m	Page Number
1	BORE		ON	S/224.2	1.00	10
2	CA	2049824 Ontario Inc.	405 Huntmar Drive Ottawa ON K2S 1B9	NE/236.9	-1.02	10
2	GEN	2049824 ONTARIO INC.	405 HUNTMAR ROAD OTTAWA ON	NE/236.9	-1.02	10

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Aug 2011 has found that there are 1 BORE site(s) within approximately 0.25 Kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
	ON	S	224.19	1

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
-------------------------------	-----------------------	-------------------------	--------------------------	-----------------------

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA 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>
--------------------------------------	-----------------------	-------------------------	--------------------------	-----------------------

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
2049824 Ontario Inc.	405 Huntmar Drive Ottawa ON K2S 1B9	NE	236.93	2

GEN - Ontario Regulation 347 Waste Generators Summary

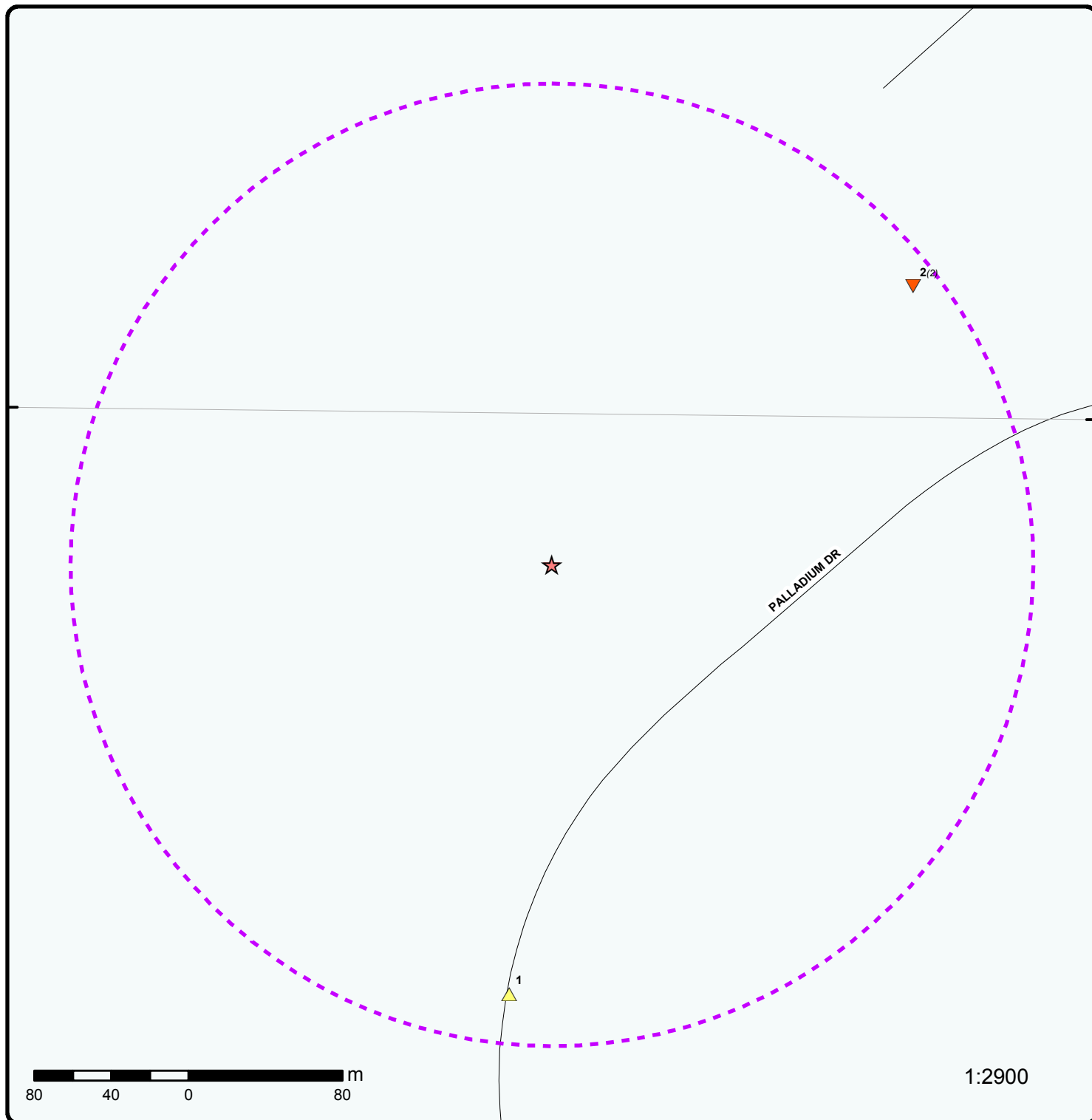
A search of the GEN database, dated 1986-Jul 2013 has found that there are 1 GEN site(s) within approximately 0.25 Kilometers of the project property.

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance m</u>	<u>Map Key</u>
2049824 ONTARIO INC.	405 HUNTMAR ROAD OTTAWA ON	NE	236.93	2

45°18'N

45°18'N



Map

Order No: 20140224012

Address: 425 Huntmar Dr, Ottawa, ON, K2S1B9

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



Aerial

Order No: 20140224012

Address: 425 Huntmar Dr, Ottawa, ON, K2S1B9

Detail Report

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
1	1 of 1	S/224.2	103.0	ON	BORE
Borehole ID:		848690	Type:		Borehole
Use:		Geotechnical/Geological Investigation	Status:		Decommissioned
Drill Method:		Power auger	UTM Zone:		18
Easting:		426236.000	Northing:		5016406.000
Location Accuracy:			Orig. Ground Elev m:		102.300003
Elev. Reliability Note:			DEM Ground Elev m:		103.599998
Total Depth m:		1.600000	Primary Name:		
Township:		HUNTLEY	Concession:		
Lot:		LOT 3	Municipality:		
Completion Date:		1992-MAY-6	Static Water Level:		
Primary Water Use:			Sec. Water Use:		
--- Details ---					
Stratum ID:		6561881	Top Depth m:		0
Bottom Depth m:		0.300000	Stratum Desc:		275mm DARK BROWN ORGANIC SANDY SILTY CLAY ROOTMAT
+					
Stratum ID:		6561882	Top Depth m:		0.300000
Bottom Depth m:		1.600000	Stratum Desc:		FIRM TO STIFF GREY SILTY CLAY TRACE SAND
2	1 of 2	NE/236.9	101.0	2049824 Ontario Inc. 405 Huntmar Drive Ottawa ON K2S 1B9	CA
Certificate #:		6750-6DLH9U			
Application Year:		2005			
Issue Date:		7/7/2005			
Approval Type:		Industrial Sewage Works			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
2	2 of 2	NE/236.9	101.0	2049824 ONTARIO INC. 405 HUNTMAR ROAD OTTAWA ON	GEN
SIC Code:		493190			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance m</i>	<i>Elevation m</i>	<i>Site</i>	<i>DB</i>
SIC Description:		Other Warehousing and Storage			
Generator #:		ON9067188			
Approval Yrs:		2012			

Unplottable Summary

DB	Company Name/Site Name	Address	City	Zip
WWIS		lot 4	ON	
WWIS		lot 4	ON	
WWIS		lot 4	ON	
WWIS		lot 4	ON	
WWIS		lot 4	ON	

Unplottable Report

Site: lot 4 ON		Database: WWIS	
Well ID:	1525684	Lot:	004
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	HUNTLEY
Easting Nad83:		Northing Nad83:	
Zone:	18	Utm	unknown UTM
Primary Water Use:	Domestic	Reliability:	
Sec. Water Use:		Construction Date:	26-SEP-91
Pump Rate:	1 GPM	Well Depth:	8 ft
Flow Rate:		Static Water Level:	30 ft
Specific Capacity:		Clear/Cloudy:	CLEAR
Construction Method:	Air Percussion	Final Well Status:	Water Supply
Elevation (m):		Flowing (y/n):	N
Depth to Bedrock:	8	Elevation Reliability:	
Water Type:	FRESH	Overburden/Bedrock:	Bedrock
		Casing Material:	OPEN HOLE,STEEL
--- Details ---			
Thickness:	8 ft	Original Depth:	8 ft
Material Colour:	GREY	Material:	SAND, GRAVEL
+ Thickness:	317 ft	Original Depth:	325 ft
Material Colour:	WHITE	Material:	LIMESTONE

Site: lot 4 ON		Database: WWIS	
Well ID:	1525902	Lot:	004
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	HUNTLEY
Easting Nad83:		Northing Nad83:	
Zone:	18	Utm	unknown UTM
Primary Water Use:	Domestic	Reliability:	
Sec. Water Use:		Construction Date:	07-OCT-91
Pump Rate:	8 GPM	Well Depth:	8 ft
Flow Rate:		Static Water Level:	15 ft
		Clear/Cloudy:	CLOUDY

Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Air Percussion	Flowing (y/n):	N
Elevation (m):		Elevation Reliability:	
Depth to Bedrock:	8	Overburden/Bedrock:	Bedrock
Water Type:	FRESH	Casing Material:	OPEN HOLE,STEEL
--- Details ---			
Thickness:	95 ft	Original Depth:	103 ft
Material Colour:	WHITE	Material:	LIMESTONE
+ Thickness:	8 ft	Original Depth:	8 ft
Material Colour:	GREY	Material:	SAND

Site: lot 4 ON **Database:** [WWIS](#)

Well ID:	1526955	Lot:	004
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	HUNTLEY
Easting Nad83:		Northing Nad83:	
Zone:	18	Utm Reliability:	unknown UTM
Primary Water Use:	Domestic	Construction Date:	11-JUN-92
Sec. Water Use:		Well Depth:	6 ft
Pump Rate:	30 GPM	Static Water Level:	15 ft
Flow Rate:		Clear/Cloudy:	CLEAR
Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Air Percussion	Flowing (y/n):	N
Elevation (m):		Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	Overburden
Water Type:	FRESH	Casing Material:	STEEL
--- Details ---			
Thickness:	6 ft	Original Depth:	6 ft
Material Colour:	BROWN	Material:	TOPSOIL, SANDY
+ Thickness:	234 ft	Original Depth:	240 ft
Material Colour:	GREY	Material:	GRAVEL

Site: lot 4 ON **Database:** [WWIS](#)

Well ID:	1522755	Lot:	004
Concession:		Concession	

County:	OTTAWA-CARLETON	Name:	
Easting Nad83:		Municipality:	HUNTLEY
Zone:	18	Northing Nad83:	
Primary Water Use:	Domestic	Utm	unknown UTM
Sec. Water Use:		Reliability:	
Pump Rate:	20 GPM	Construction Date:	26-JUL-88
Flow Rate:		Well Depth:	9 ft
Specific Capacity:		Static Water Level:	5 ft
Construction Method:	Air Percussion	Clear/Cloudy:	CLOUDY
Elevation (m):		Final Well Status:	Water Supply
Depth to Bedrock:	9	Flowing (y/n):	N
Water Type:	FRESH,SULPHUR,FRESH,SULPHUR	Elevation Reliability:	
		Overburden/B edrock:	Bedrock
		Casing Material:	OPEN HOLE,STEEL
--- Details ---		Original Depth:	9 ft
Thickness:	9 ft	Material:	CLAY
Material Colour:	GREY	Original Depth:	184 ft
+ Thickness:	175 ft	Material:	LIMESTONE, SHALY
Material Colour:	GREY		

<u>Site:</u>	lot 4 ON	Database:	<u>WWIS</u>
Well ID:	1520966	Lot:	004
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	HUNTLEY
Easting Nad83:		Northing Nad83:	
Zone:	18	Utm	unknown UTM
Primary Water Use:	Domestic	Reliability:	
Sec. Water Use:		Construction Date:	28-OCT-86
Pump Rate:	40 GPM	Well Depth:	95 ft
Flow Rate:		Static Water Level:	30 ft
Specific Capacity:		Clear/Cloudy:	CLEAR
Construction Method:	Rotary (Air)	Final Well Status:	Water Supply
Elevation (m):		Flowing (y/n):	N
Depth to Bedrock:		Elevation Reliability:	
Water Type:	FRESH	Overburden/B edrock:	Overburden
		Casing Material:	STEEL
--- Details ---		Original	35 ft
Thickness:	35 ft		

Material Colour:		Depth:	
+		Material:	CLAY
Thickness:	25 ft	Original	60 ft
		Depth:	
Material Colour:	BROWN	Material:	FINE SAND, CLAY
+		Original	95 ft
Thickness:	35 ft	Depth:	
		Material:	FINE SAND, SILT
Material Colour:	BROWN	Original	107 ft
+		Depth:	
Thickness:	12 ft	Material:	FINE SAND, MEDIUM GRAVEL, LAYERED
		Original	115 ft
Material Colour:	BROWN	Depth:	
+		Material:	COARSE SAND, COARSE GRAVEL
Thickness:	8 ft		
Material Colour:	BROWN		

Appendix: Database Descriptions

Ecolog Environmental Risk Information Services Ltd 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 Ecolog 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:

Sept 2002*

Provincial

[AAGR](#)

The MAAP Program maintains a database of all 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.*

Aggregate Inventory:

Up to Aug 2012

Provincial

[AGR](#)

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

Abandoned Mine Information System:

1800-Feb 2013

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.

Anderson's Waste Disposal Sites:

1860s-Present

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.

Automobile Wrecking & Supplies:

2001-Jun 2010

Private

[AUWR](#)

This database provides an inventory of all 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.

Borehole:

1875-Aug 2011

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.

Certificates of Approval:

1985-Oct 30, 2011*

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.

Commercial Fuel Oil Tanks:

1948-Apr 2013

Provincial

[CFOT](#)

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

Chemical Register:

1992, 1999-Jun 2010

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.).

Inventory of Coal Gasification Plants and Coal Tar Sites:

Apr 1987 and Nov 1988*

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.*

Compliance and Convictions:

1989-2013

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.

Certificates of Property Use:

1994-2013

Provincial

[CPU](#)

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

Drill Hole Database:

1886-Jun 2013

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 MNM. 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".

Environmental Activity and Sector Registry:

Oct 31 2011-Dec 2013

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.

Environmental Registry:

1994-2013

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.

Environmental Compliance Approval:

Oct 31, 2011-Jan 2014

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 CofA's prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Environmental Effects Monitoring:

1992-2007*

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.

ERIS Historical Searches:

1999-Mar 2013

Private

[EHS](#)

EcoLog 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.

Environmental Issues Inventory System:

1992-2001*

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.

List of TSSA Expired Facilities:

Current to May 2013

Provincial

[EXP](#)

This is a list of all expired facilities that fall under the TSSA (TSSA Act & Safety Regulations), including the six regulations that exist under the Fuels Safety Division. It will include facilities such as private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. These tanks have been removed and automatically fall under the expired facilities inventory held by TSSA.

Federal Convictions:

1988-Jun 2007*

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.

Contaminated Sites on Federal Land:

June 2000-Jan 2014

Federal

[FCS](#)

The Federal Contaminated Sites Inventory includes information on all 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.

Fisheries & Oceans Fuel Tanks:

1964-Sept 2003

Federal

[FOFT](#)

Fisheries & Oceans Canada maintains an inventory of all 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.

Fuel Storage Tank:

2010-May 2013

Provincial

[FST](#)

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Fuel Storage Tank - Historic:

Pre-Jan 2010*

Provincial

[FSTH](#)

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Ontario Regulation 347 Waste Generators Summary:

1986-Jul 2013

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.

TSSA Historic Incidents:

2006-June 2009

Provincial

[HINC](#)

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Indian & Northern Affairs Fuel Tanks:

1950-Aug 2003*

Federal

[IAFT](#)

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of all 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.

TSSA Incidents:

June 2009-Apr 2013

Provincial

[INC](#)

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Landfill Inventory Management Ontario:

2012

Provincial

[LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as 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 will include information such as site owner, site location and certificate of approval # and status.

Canadian Mine Locations:

1998-2009

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.

Mineral Occurrences:

1846-Apr 2013

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 planimetric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

National Analysis of Trends in Emergencies System (NATES):

1974-1994*

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.

Non-Compliance Reports:

1994-2012

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.

<u>National Defence & Canadian Forces Fuel Tanks:</u>	Up to May 2001*	Federal	NDFT
The Department of National Defence 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.			
<u>National Defence & Canadian Forces Spills:</u>	Mar 1999-Aug 2010	Federal	NDSP
The Department of National Defence 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.			
<u>National Defence & Canadian Forces Waste Disposal Sites:</u>	2001-Apr 2007*	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.			
<u>National Environmental Emergencies System (NEES):</u>	1974-2003*	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 all 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.			
<u>National PCB Inventory:</u>	1988-2008*	Federal	NPCB
Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. All federal out-of-service PCB containing equipment and all 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.			
<u>National Pollutant Release Inventory:</u>	1993-2011	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.			
<u>Oil and Gas Wells:</u>	1988-2013	Private	OGW
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 .			

Ontario Oil and Gas Wells: 1800-Jul 2013 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, well cap date, licence 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.

Inventory of PCB Storage Sites: 1987-Oct 2004 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.

Orders: 1994-2013 Provincial [ORD](#)
 This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Canadian Pulp and Paper: 1999, 2002, 2004, 2005, 2009 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.

Parks Canada Fuel Storage Tanks: 1920-Jan 2005* Federal [PCFT](#)
 Canadian Heritage maintains an inventory of all 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.

Pesticide Register: 1988-Jun 2013 Provincial [PES](#)
 The Ontario Ministry of Environment maintains a database of all manufacturers and vendors of registered pesticides.

TSSA Pipeline Incidents: June 2009-Mar 2012 Provincial [PINC](#)
 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Private and Retail Fuel Storage Tanks: 1989-1996* 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).

Permit to Take Water: 1994-2013 Provincial [PTTW](#)
 This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Ontario Regulation 347 Waste Receivers Summary: 1986-2012 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.

Record of Site Condition: 1997-Sept 2001, Oct 2004-Jan 2014 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).

Retail Fuel Storage Tanks: 1999-Jun 2010 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.

Scott's Manufacturing Directory: 1992-Mar 2011 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.

Ontario Spills: 1988-Jun 2013 Provincial [SPL](#)
 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.

Wastewater Discharger Registration Database: 1990-2011 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).

Anderson's Storage Tanks: 1915-1953* 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.

Transport Canada Fuel Storage Tanks: 1970-Mar 2007 Federal [TCFT](#)
 With the provinces of BC, MB, NB, NF, ON, PE, and QC; Transport Canada currently owns and operates 90 fuel storage tanks. Our inventory provides information on the site name, location, tank age, capacity and fuel type.

TSSA Variances for Abandonment of Underground Storage Tanks:

Current to Jun 2013

Provincial

[VAR](#)

The TSSA, Under the Liquid Fuels Handling Code and the Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, you may apply to seek a variance from this code requirement. This is a list of all variances granted for abandoned tanks.

Waste Disposal Sites - MOE CA Inventory:

1970-Jan 2014

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.

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Up to Oct 1990*

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.

Water Well Information System:

1955-May 2013

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.

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 were included as reference.