

Phase I Environmental Site Assessment

405 Huntmar Road
Ottawa, Ontario

Prepared for Rosefellow Developments

**Report: PE5836-1
August 29, 2022**

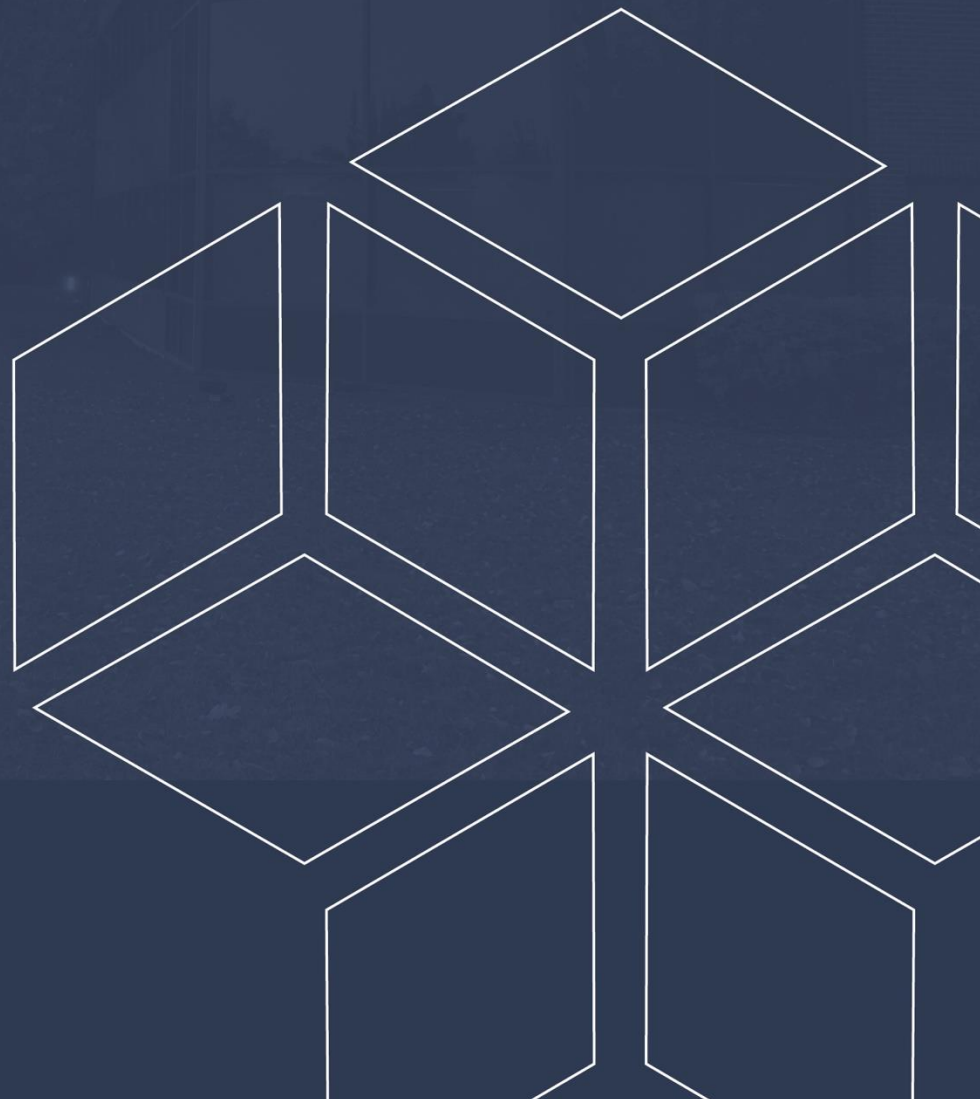


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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Rosefellow developments to conduct a Phase I-Environmental Site Assessment (ESA) for the property addressed 405 Huntmar Drive, in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the subject site and the Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I ESA Property.

According to the historical research, the Phase I Property was first developed as a farmstead prior to 1947. The Phase I Property remained a farmstead with the exception of the construction of a residential structure at the southeast corner of the Phase I Property in the 1970's. The farmstead and residential structure on the Phase I Property were subsequently demolished in the 2010's. An ERIS database report was obtained as part of the historical assessment. No on-site or off-site PCAs were identified in the ERIS database search. The historical use of the surrounding lands consisted of primarily agricultural land use, while some commercial and residential structures have been constructed in the last 10 years. Based on the historical research of the Phase I Property, no on-site or off-site PCAs were identified.

Following the historical research, a site visit was conducted. The Phase I ESA Property currently exists as a vacant agricultural farmland with a gravel laneway accessible from Huntmar Drive. Some remaining concrete debris from the former farmstead was present on the Phase I Property in addition to stockpiles of topsoil from the neighbouring developments. No PCAs were identified on the Phase I ESA Property during the site visit.

Neighbouring land use in the Phase I Study Area consists of agricultural, commercial and residential land use. No existing off-site PCAs were identified within the Phase I Study Area.

Based on the findings of our assessment, it is **our opinion that a Phase II-Environmental Site Assessment is not required for the subject property.**

1.0 INTRODUCTION

At the request of Rosefellow Developments, Paterson Group (Paterson) conducted a Phase I-Environmental Site Assessment (Phase I-ESA) for the property addressed 405 Huntmar Road, in the City of Ottawa, Ontario, herein referred to as the Phase I Property. The purpose of this Phase I-ESA was to research the past and current use of the Phase I ESA Property and properties within the Phase I Study Area to identify any potentially contaminating activities (PCAs) that would result in areas of potential environmental concern (APECs) on the Phase I Property.

Paterson was engaged to conduct this Phase I-ESA by Mr. Nathanael Niedermann with Rosefellow Developments. The head office is located at 750 Marcel-Laurin, Suite 210, Saint-Laurent, Quebec. Mr. Niedermann can be reached by telephone at (514) 532-1080.

This report has been prepared specifically and solely for the above noted project which is described herein. It contains all of our findings and results of the environmental conditions at this site.

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

2.0 PHASE I PROPERTY INFORMATION

Address:	405 Huntmar Drive, Ottawa, Ontario
Legal Description:	Lot 4, Concession 1, Part 1 of plan 4R-28637 of the Geographic Township of Huntley in the City of Ottawa.
Location:	The site is located on the northwest corner of the Campeau Drive and Huntmar Road intersection, in the City of Ottawa, Ontario. Refer to Figure 1 - Key Plan in the Figures section following the text.
Latitude and Longitude:	45° 18' 4.9" N, 75° 56' 19.5" W
Site Description:	
Configuration:	Irregular
Area:	8.67 Hectares (approximately)
Zoning:	IP13 – Business Park Industrial Zone - undeveloped
Current Use:	The Phase I ESA Property is currently undeveloped with grass cover and a gravel laneway.
Services:	The Phase I ESA Property currently has no municipal services, however, it is located in a municipally service area.

3.0 SCOPE OF INVESTIGATION

The scope of work for this Phase I – Environmental Site Assessment was as follows:

- Determine the historical activities on the subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases, and regulatory agencies;
- Investigate the existing conditions present at the Phase I ESA Property and study area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the Phase I ESA Property, and if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements O.Reg. 153/04 as amended under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01;
- Provide a preliminary environmental site evaluation based on our findings;
- Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

4.0 RECORDS REVIEW

4.1 General

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 assignment. Properties outside the 250 m radius are not considered to have impacted the Phase I ESA Property based on their significant separation distance.

First Developed Use Determination

Based on a review of the available aerial photographs, the Phase I Property was developed with a farmstead prior to 1947. For the purpose of this assessment, the Phase I ESA Property has never been formally developed but has been used for agricultural purposes with a farmstead prior to 1947.

Fire Insurance Plans

Fire insurance plans (FIPs) are not available for the area of the Phase I Property.

City of Ottawa Street Directories

City directories are not available for the area of the Phase I Property.

Chain of Title

Based on a review of previous engineering reports detailed below, a chain of title for the Phase I Property was completed in 2013. The Phase I Property was registered to West Ottawa Land Holdings (2) Inc. A review of the 2013 Chain of Title did not identify any PCAs. Based on the date of the previous chain of title, an updated search was not completed as the registered property owner has not changed.

Previous Environmental Reports

The following report was reviewed as part of this assessment:

- “Phase I Environmental Site Assessment, Vacant and Agricultural Property, 405-425 Huntmar Drive and 3001 Palladium Drive, Ottawa, Ontario,” prepared by Paterson Group, dated January 8, 2014.

The Phase I ESA determined that the subject site was predominantly used for agriculture with vacant and forested portions of the land. At the time of the site inspection, temporary construction offices were located on the subject site in preparation of the development of the neighbouring lands. Based on the historical research and on-site observations, the Phase I ESA did not identify any potential environmental concerns on the Phase I ESA Property or the neighbouring properties. A Phase II ESA was not recommended.

Plan of Survey

A draft survey plan was reviewed in conjunction with an older survey plan prepared by Stantec, dated 2013, as part of this assessment.

The Phase I ESA Property is depicted in the plan in its current configuration. A copy of the draft survey plan and the 2013 survey plan are provided in Appendix 1.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on August 25, 2022. No records were found in the NPRI database for properties within the Phase I Study Area.

PCB Inventory

A search of the provincial PCB waste storage sites was conducted. No PCB waste storage sites were reported within the Phase I Study Area.

Areas of Natural Significance

A search for areas 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 August 25, 2022. The search did not reveal any areas of natural significance within the Phase I Study Area.

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

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to reports related to environmental conditions for the Phase I Property. A response from the MECP had not been received at the time this report was issued. The client will be contacted should any pertinent information be identified.

MECP Instruments

A request was submitted to the MECP 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. A response from the MECP had not been received at the time this report was issued. The client will be contacted should any pertinent information be identified.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records as a part of this assessment. A response from the MECP had not been received at the time this report was issued. The client will be contacted should any pertinent information be identified.

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 as a part of this assessment. A response from the MECP had not been received at the time this report was issued. The client will be contacted should any pertinent information be identified.

MECP Brownfields Environmental Site Registry (ESR)

A search of the MECP Brownfields Environmental Site Registry was conducted for the Phase I ESA Property and neighbouring properties within the Phase I Study area. No Records of Site Condition (RSCs) were filed within the Phase I Study area.

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 waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. There are no former or active waste disposal sites located within 250 m of the Phase I ESA Property.

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.

Environmental Risk Information Services (ERIS) Database Report

An ERIS (Environmental Risk Information Service) Database Report for the Phase I ESA Property and the neighbouring lands, dated August 23, 2022 was acquired and reviewed as part of this assessment. The complete ERIS report has been included in Appendix 2.

The ERIS search identified six on-site records, which include two certificates of approval, a waste generator summary record, two well water information system records and one borehole record. Eight off-site records were identified that include a waste generator summary, certificate of approvals, permits to take water, and one spill record associated with equipment failure of a hydraulically operated motor vehicle.

Based on a review of the ERIS Report, the identified records are not considered to represent PCAs, and therefore, do not represent an environmental concern to the Phase I Property. A copy of the ERIS report is included in Appendix 2.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto, was contacted on August 25, 2022, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. No TSSA related records were identified on the Phase I ESA Property or within the Phase I Study Area.

City of Ottawa Landfill Document

The document entitled “Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa”, was reviewed. No former landfill sites were identified in within the Phase I Study Area.

City of Ottawa Historical Land Use Inventory (HLUI)

A search request for the City of Ottawa’s Historical Land Use Inventory (HLUI 2005) database was requested as part of this assessment. A response from the City of Ottawa had not been received at the time this report was issued. The client will be contacted should any pertinent information be identified.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library were reviewed in approximate ten (10) year intervals. Based on the review, the following observations have been made:

- | | |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1947 | The Phase I Property appears to be occupied by a farmstead with agricultural fields and a single out building. Neighbouring properties appear to be occupied by agricultural lands. |
| 1959 | The Phase I Property appears to remain unchanged from the previous photograph. Adjacent and neighbouring properties also appear to remain largely unchanged. |
| 1976 | The Phase I Property appears largely unchanged with the exception of a small cleared section of the agricultural field that appears to be used for a small barn/storage structure. A residential structure has also been constructed on the southeast corner of the property. |
| 1988 | The Phase I Property remains unchanged from the previous photograph. Highway 417 has been constructed to the south. |
| 2002 | No significant changes appear to have been made to the Phase I ESA Property. Campeau Drive and the 417 off ramp have been constructed to the south. Additionally, the Canadian Tire Centre has been constructed on the opposite side of the highway. |

- 2011 The Phase I Property remains unchanged from the previous photograph with the exception of the demolition of the residential structure on the southeast corner of the property. The neighbouring lands to the east are under development.
- 2021 All structures on the Phase I Property have been demolished and the property is now vacant. The commercial mall to the south has been constructed along with commercial buildings to the southwest of the Phase I Property. A residential subdivision has been constructed to the east and northeast.

Copies of selected aerial photographs reviewed are included in Appendix 1.

Physiographic Maps

The Ontario Geological Survey publication ‘The Physiography of Southern Ontario, Third Edition’ was reviewed as a part of this assessment. According to the publication, the Phase I ESA Property is situated within the Ottawa Clay Plain physiographic region.

Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website.

The topographic maps indicate that the regional topography in the general area of the Phase I ESA Property slopes down in a southeasterly direction towards the Carp River. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

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 Phase I ESA Property is reported to consist of limestone and shale of the Verulam Formation, while the surficial geology reportedly consists of marine deposits of silt and clay with a drift thickness ranging from 15 to 25 m.

Water Well Records

A well record search was conducted on August 23, 2022 for all drilled wells within 250 m of the Phase I ESA Property. One well record was identified on the Phase I ESA Property associated with a potable well for domestic use. The search

returned four additional off-site well records associated with potable wells for domestic use, one well abandonment record, and one well record completed in 2020.

Based on the review of the identified well records, no identified records are considered to represent PCAs. The stratigraphy in the immediate area of the Phase I ESA Property consisted of clay and limestone bedrock. No other information was provided in the well records. A copy of the well records has been included in Appendix 2.

Areas of Natural Significance

No areas of natural significance were identified in the Phase I Study Area.

Water Bodies

No natural water bodies were identified in the Phase I Study Area. The nearest body of water is the Carp River located approximately 1 kilometer to the northeast.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

The site visit was conducted on August 22, 2022 by Mr. Matthew Findley with Paterson Group. 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, from publicly accessible areas.

5.2 Specific Observations at the Phase I Property

Buildings and Structures

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

Site Features

The Phase I ESA Property is currently vacant with a gravel laneway accessible from Huntmar Drive. The Site topography is generally flat and at the grade of the adjacent properties and streets, while the regional topography slopes gently down in a south-eastly direction. Site drainage consists primarily of infiltration throughout the landscaped and gravel areas.

Three stockpiles of topsoil were present on the site along the western portion of the site. No signs of contamination or deleterious fill material was identified in the stockpiles. These stockpiles are likely associated with the development of the adjacent lands to the west. A stockpile of concrete associated with the foundation of the former farmstead was observed.

No evidence of current or former railway or spur lines was observed on the Phase I ESA Property at the time of the site visit. No areas of surficial staining or unidentified substances were observed on-site at this time.

Subsurface Services and Utilities

The Phase I ESA Property was historically serviced by a private well and septic system. No underground utilities and/or structures were identified on the Phase I ESA Property at the time of the site visit.

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 is as follows:

- North: Residential , followed by agricultural land;
- South: Campeau Drive, followed by commercial mall;
- East: Huntmar Road, followed by residential; and
- West: Journeyman Street, followed by commercial office.

Land use within the Phase I Study Area (250 m radius) consists of residential, agricultural and commercial purposes. No on-site or off-site PCAs were identified at the time of the site visit. Surrounding land use is shown on Drawing PE5836-2 – Surrounding Land Use Plan.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Land Use History

The Phase I Property is currently vacant and was historically used for agricultural purposes from prior to 1947 to circa 2021. The Phase I Property has been vacant and unused since approximately 2021.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Based on the findings of the Phase I ESA, no PCAs were identified on the Phase I Property or within the Phase I study area. As a result, there are no areas of potential environmental concern (APECs) with the Phase I Property.

Contaminants of Potential Concern

No Contaminants of Potential Concern (CPCs) were identified, since no APEC's were identified on the Phase I Property.

6.2 Conceptual Site Model

Geological and Hydrogeological Setting

According to the Geological Survey of Canada website, the bedrock in the area of the Phase I ESA Property is reported to consist of limestone and shale of the Verulam Formation. The overburden is reported to consist of off-shore marine deposits of silt and clay with depths ranging from 15 to 25 m over the entire site.

Fill Placement

Fill material may be present in two areas as a result from the demolition of the former farmstead on the central portion of the site and the former residential structure on the southeastern corner of the Phase I ESA Property. Three stockpiles of topsoil were present on the site along the western portion of the site. No signs of contamination or deleterious fill material was identified in the stockpiles of topsoil.

Areas of Natural Significance

No areas of natural significance were identified in the Phase I Study Area.

Water Bodies

The nearest body of water is the Carp River located approximately 1 kilometer to the northeast.

Drinking Water Wells

No potable water wells on the Phase I ESA Property, however, potable wells are still present within the Phase I study area to the north.

Existing Buildings and Structures

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

Subsurface Structures and Utilities

The Phase I ESA Property was historically serviced by a private well and septic system. No underground utilities and/or structures were identified on the Phase I ESA Property.

Neighbouring Land Use

Land use within the Phase I Study Area (250 m radius) consists of residential, agricultural and commercial purposes.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 6.1 of this report, no PCAs were identified on the Phase I Property or within the Phase I study area. As a result, there are no areas of potential environmental concern (APECs) with the Phase I Property.

Contaminants of Potential Concern

No Contaminants of Potential Concern (CPCs) were identified, since no APEC's were identified on the Phase I Property.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I- ESA is considered to be sufficient to conclude that there are no on- and off-site PCA that have resulted 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.

7.0 CONCLUSIONS

7.1 Assessment

Paterson Group was retained by Rosefellow developments to conduct a Phase I-Environmental Site Assessment (ESA) for the property addressed 405 Huntmar Drive, in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the subject site and the Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I ESA Property.

According to the historical research, the Phase I Property was first developed as a farmstead prior to 1947. The Phase I Property remained a farmstead with the exception of the construction of a residential structure at the southeast corner of the Phase I Property in the 1970's. The farmstead and residential structure on the Phase I Property were subsequently demolished in the 2010's. An ERIS database report was obtained as part of the historical assessment. No on-site or off-site PCAs were identified in the ERIS database search. The historical use of the surrounding lands consisted of primarily agricultural land use, while some commercial and residential structures have been constructed in the last 10 years. Based on the historical research of the Phase I Property, no on-site or off-site PCAs were identified.

Following the historical research, a site visit was conducted. The Phase I ESA Property currently exists as a vacant agricultural farmland with a gravel laneway accessible from Huntmar Drive. Some remaining concrete debris from the former farmstead was present on the Phase I Property in addition to stockpiles of topsoil from the neighbouring developments. No PCAs were identified on the Phase I ESA Property during the site visit.

Neighbouring land use in the Phase I Study Area consists of agricultural, commercial and residential land use. No existing off-site PCAs were identified within the Phase I Study Area.

Based on the findings of our assessment, it is **our opinion that a Phase II-Environmental Site Assessment is not required for the subject property.**

8.0 STATEMENT OF LIMITATIONS

This Phase I - Environmental Site Assessment report has been prepared under the supervision of a Qualified Person, in general accordance with O.Reg. 153/04, as amended, and CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA 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 Rosefellow Developments. Permission and notification from Rosefellow Developments and Paterson will be required to release this report to any other party.

Paterson Group Inc.



Mark St Pierre, P.Eng.



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



Report Distribution:

- Rosefellow Development
- Paterson Group

9.0 REFERENCES

Federal Records

Air photos at the Energy Mines and Resources Air Photo Library.
National Archives.
Maps and photographs (Geological Survey of Canada surficial and subsurface mapping).
Natural Resources Canada – The Atlas of Canada.
Environment Canada, National Pollutant Release Inventory.
PCB Waste Storage Site Inventory.

Provincial Records

MECP Freedom of Information and Privacy Office.
MECP Municipal Coal Gasification Plant Site Inventory, 1991.
MECP document titled “Waste Disposal Site Inventory in Ontario”.
MECP Brownfields Environmental Site Registry.
Office of Technical Standards and Safety Authority, Fuels Safety Branch.
MNR Areas of Natural Significance.
MECP Water Well Record Inventory.
Chapman, L.J., and Putnam, D.F., 1984: ‘The Physiography of Southern Ontario, Third Edition’, Ontario Geological Survey Special Volume 2.

Municipal Records

City of Ottawa Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.
Intera Technologies Limited Report “Mapping and Assessment of Former Industrial Sites, City of Ottawa”, 1988.
geoOttawa: City of Ottawa electronic mapping website.
City of Ottawa Historical Land Use Inventory (HLUI) Database

Private Information Sources

ERIS Report
Survey Plan

Previous Engineering Reports

“Phase I Environmental Site Assessment, Vacant and Agricultural Property, 257 Lisgar Street, Ottawa, Ontario” prepared by Paterson group, dated January 8, 2014.

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5836-1 – SITE PLAN

DRAWING PE5836-2 – SURROUNDING LAND USE PLAN

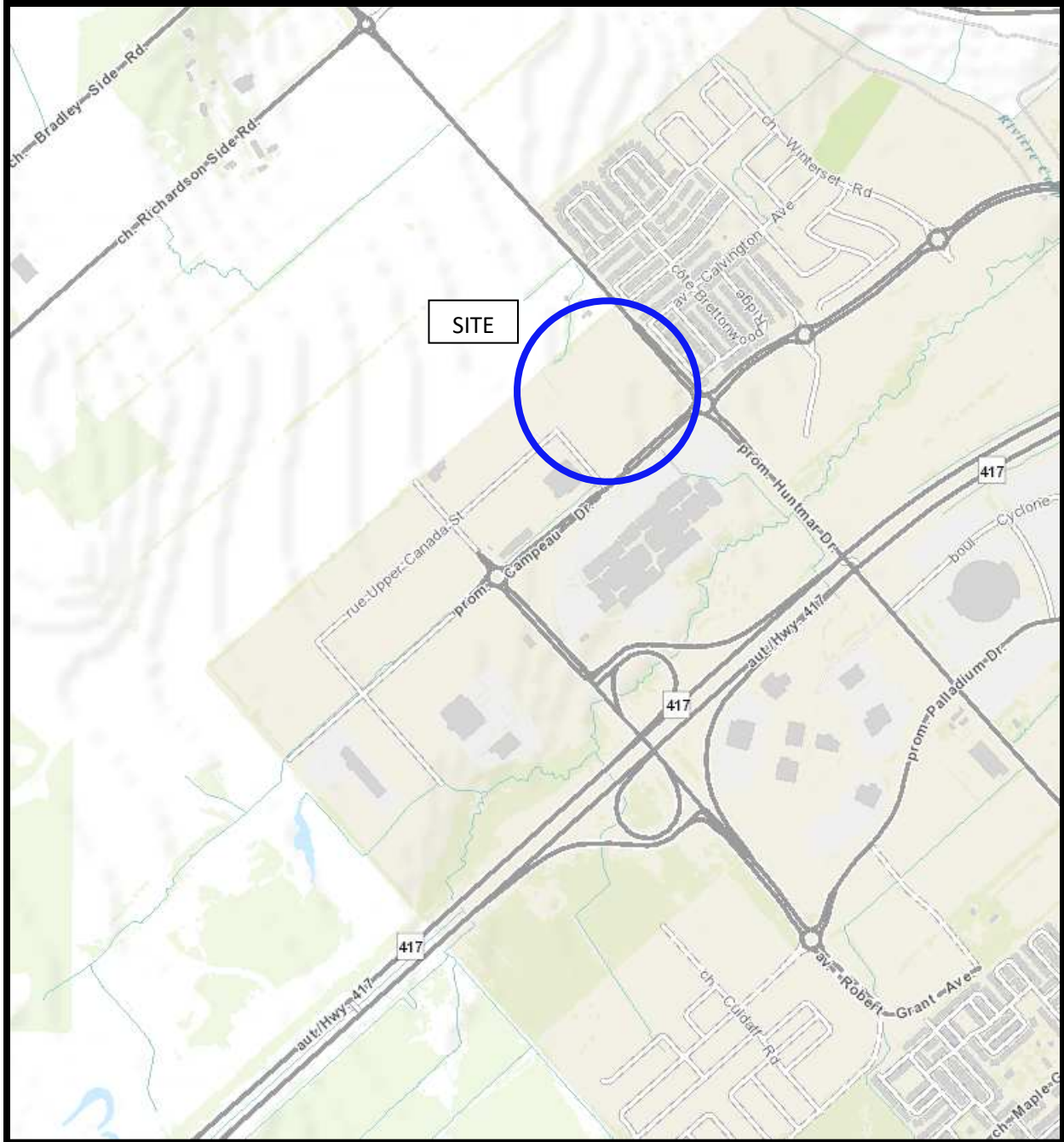


FIGURE 1
KEY PLAN

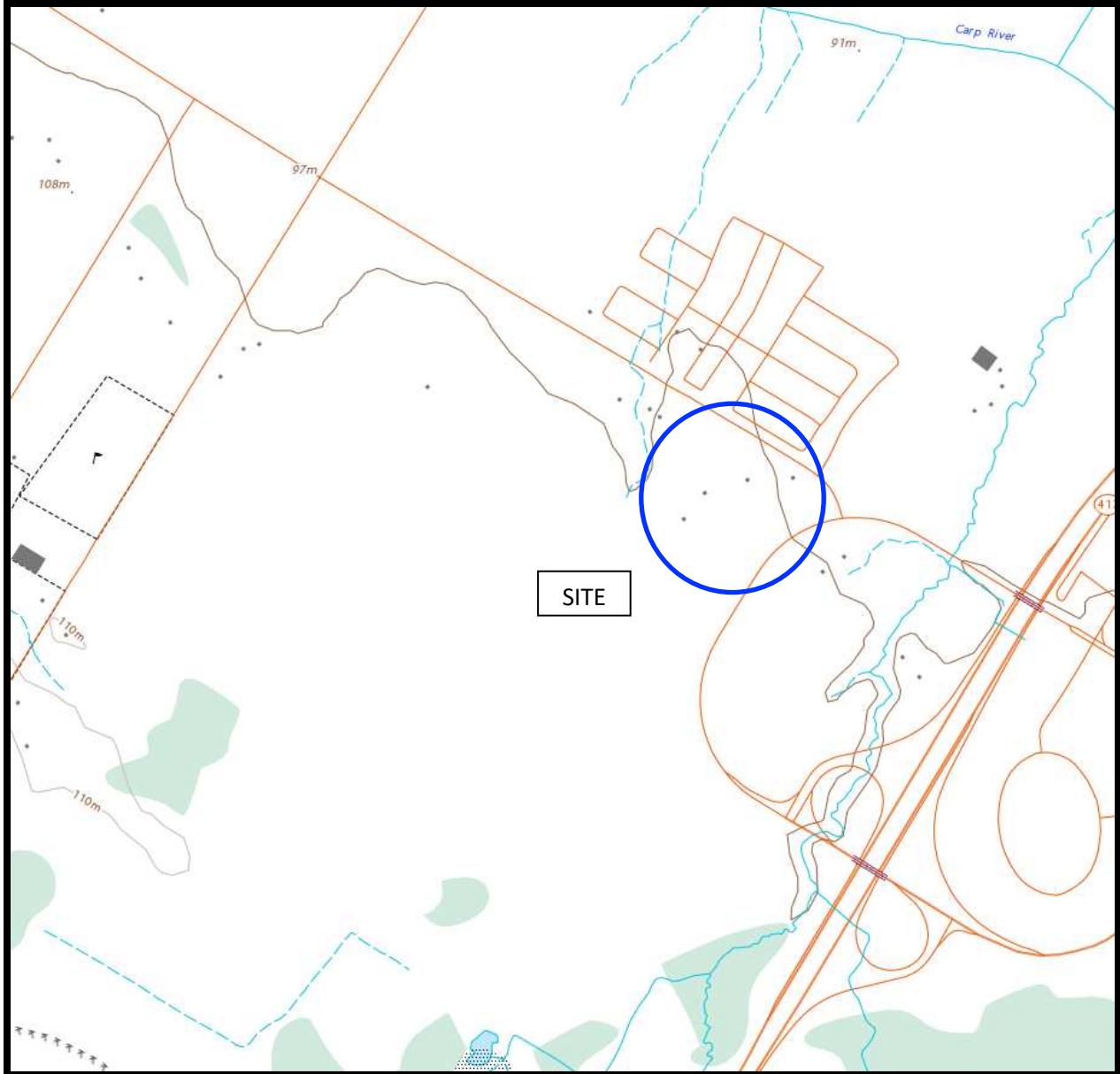
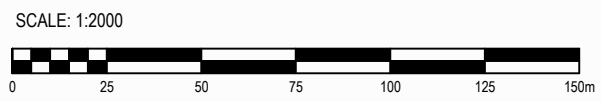
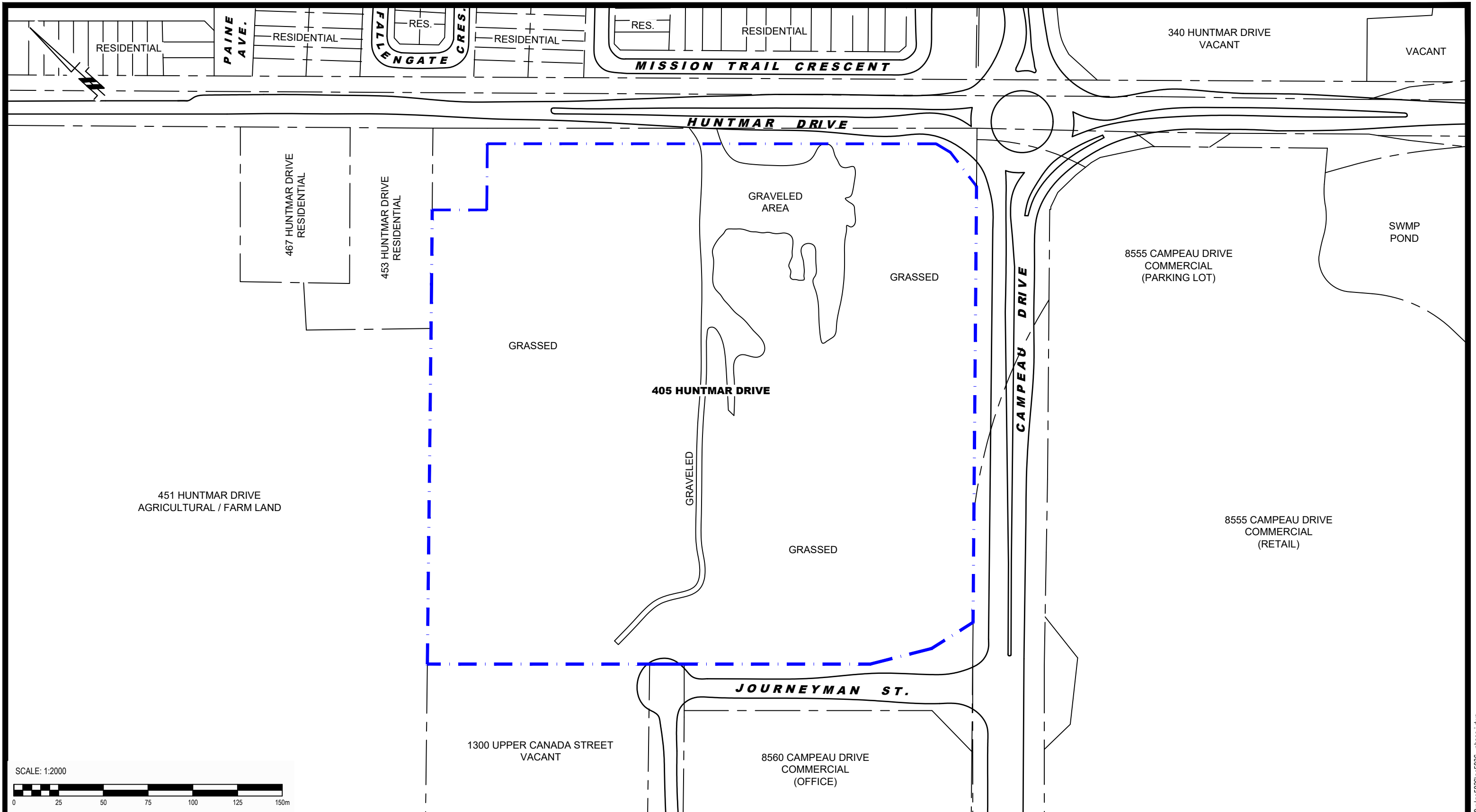

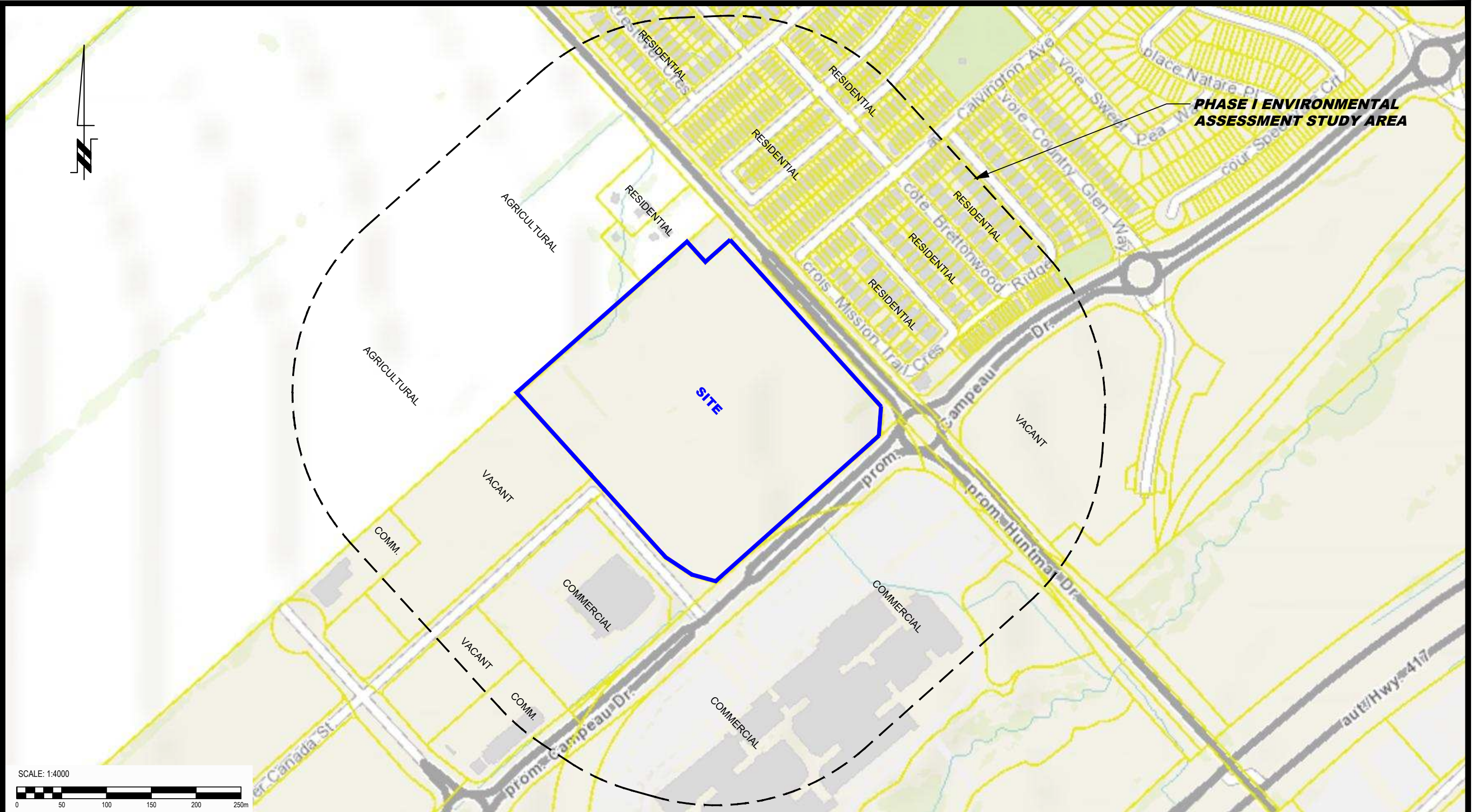


FIGURE 2
TOPOGRAPHIC MAP



 <p>9 AURIGA DRIVE OTTAWA, ON K2E 7S9 TEL: (613) 226-7381</p>	<p>ROSEFELLOW DEVELOPMENTS PHASE I - ENVIRONMENTAL SITE ASSESSMENT 405 HUNTMAR DRIVE</p>			<p>Scale: 1:2000</p>	<p>Date: 08/2022</p>															
	<p>OTTAWA, ONTARIO</p>			<p>Drawn by: JM</p>	<p>Report No.: PE5836-1</p>															
<p>Title: SITE PLAN</p>			<p>Checked by: MSP</p>	<p>Dwg. No.: PE5836-1</p>																
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NO.	REVISIONS	DATE	INITIAL																	



PATERSON GROUP
 9 AURIGA DRIVE
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 K2E 7S9
 TEL: (613) 226-7381

NO.	REVISIONS	DATE	INITIAL

ROSEFELLOW DEVELOPMENTS
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
405 HUNTMAR DRIVE
ONTARIO

OTTAWA,
 Title:

SURROUNDING LAND USE PLAN

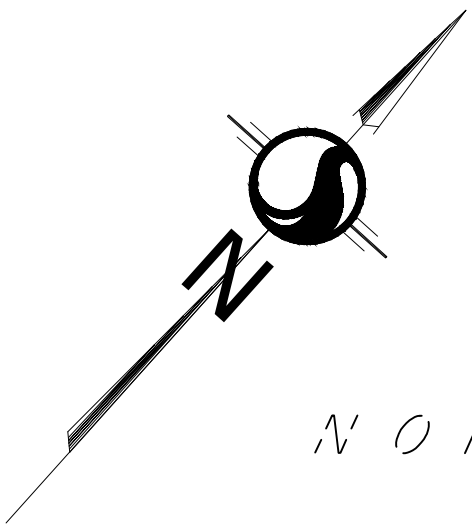
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Drawn by:	JM	Report No.:	PE5836-1
Checked by:	MSP	Dwg. No.:	PE5836-2
Approved by:	MSD	Revision No.:	

APPENDIX 1

SURVEY PLAN

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS



NORTH HALF LOT 4

N48°17'40"E 212.96 (P1&MEAS)

N48°09'45"E 41.04 (MEAS)

N42°20'00"W
30.48
(P1&MEAS)

PART 3
5R-12156

N48°09'45"E
37.03 (P2&MEAS)

49.26 (P4&MEAS)

PART 2, 4R-28637

N54°25'10"E
6.04
(P4&MEAS)

N35°34'50"W
2.00 (P4&SET)

N54°25'10"E
6.27
(P4&MEAS)

144.09 (P2&SET)

PART 3, 4R-27790

2.01 (P4&SET)

92.82 (P4&MEAS)

N42°19'40"W 106.75 (P2&SET)

PART 2, 4R-27790

N11°13'00"W
9.36
(P2&SET)

N10°05'30"E
23.90
(P2&SET)

N48°07'05"E 243.81 (CALC PER P3&MEAS)

LOT 4 CONCESSION

PART 1, 4R-28637 (REMAINDER)

REGISTERED PLAN 4M-1627
BLOCK 4

55.27

BLOCK 5
RESERVE

N48°20'25"E
0.30

N42°20'30"W
19.70

N48°20'25"E
0.30

BLOCK 17
RESERVE, 4M-1566
PIN 04508-0154

N42°20'30"W 103.02

rue Journeyman Street
(DEDICATED BY REGISTERED PLAN 4M-1566)
PIN 04508-0157

N56°34'45"W 35.34

N74°35'05"W
21.47 (P1&SET)

PALLADIUM DRIVE
(BY-LAW NO. 2006-124, INST. NO. 00587626)

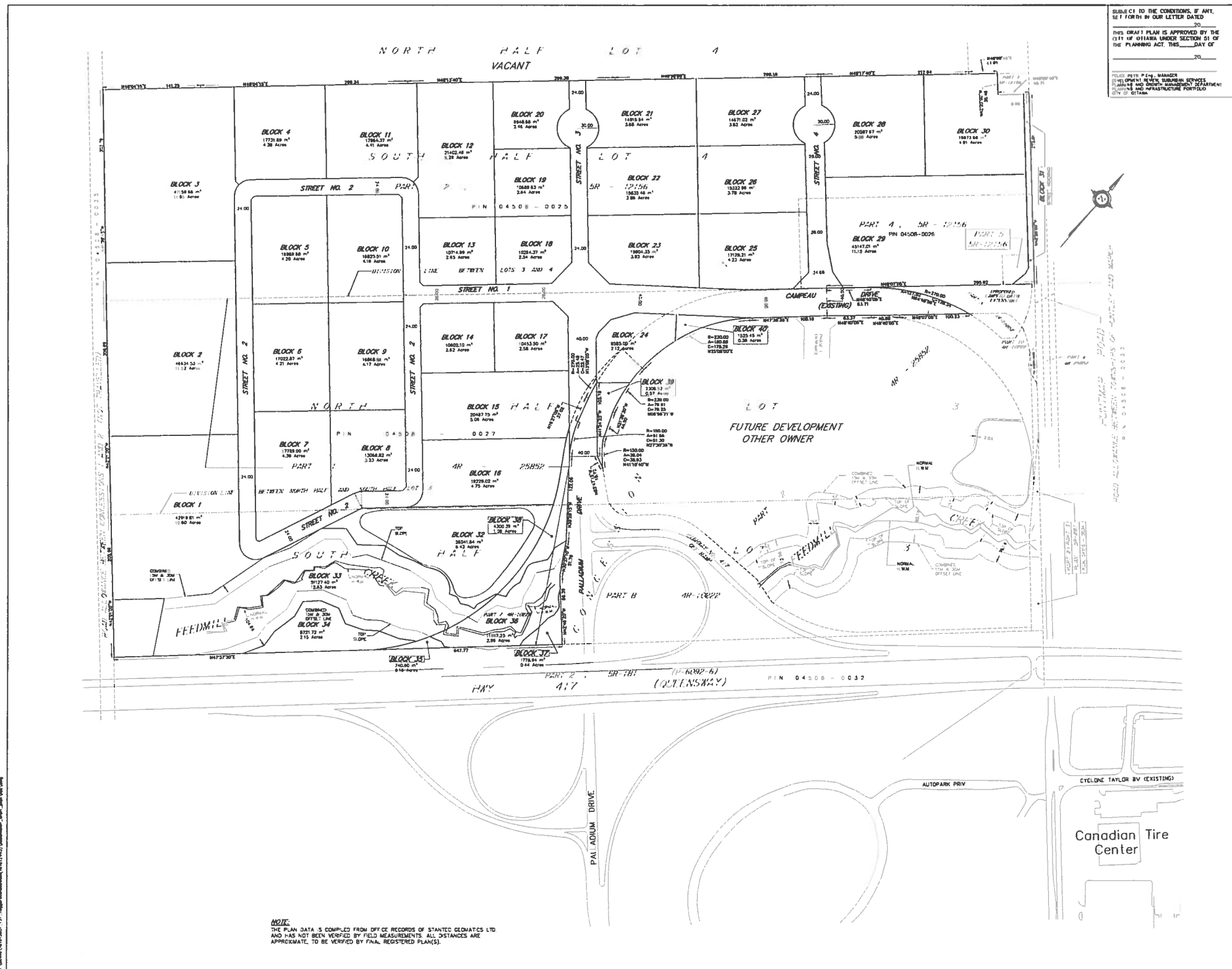
PART 1, 4R-10222

PART 1

4R-27485

PLAN 4M-129646

PART 12



SUBJECT TO THE CONDITIONS, IF ANY, SET FORTH IN OUR LETTER DATED 2013.

THIS DRAFT PLAN IS APPROVED BY THE CITY OF OTTAWA UNDER SECTION 51 OF THE PLANNING ACT, THIS DAY OF 2013.

PLANNING AND INFRASTRUCTURE PORTFOLIO
CITY OF OTTAWA



PLAN OF SUBDIVISION OF
PART OF LOTS 3 AND 4
CONCESSION 1
Geographic Township of Huntley
CITY OF OTTAWA

STANTEC GEOMATICS LTD.
2013

SCALE 1:2000 METRIC

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

NOTE: DIMENSIONS WITHIN WATER MARKS

SURVEYOR'S CERTIFICATE:
HEREBY CERTIFY THAT THE BOUNDARIES OF THE SUBJECT LANDS AND THEIR RELATIONSHIP TO ADJOINING LANDS HAVE BEEN ACCURATELY AND CORRECTLY SHOWN.

DATE: _____

BRIAN J. WEBSTER
ONTARIO LAND SURVEYOR

OWNER'S CERTIFICATE:
I HEREBY AUTHORIZE THIS DRAFT PLAN OF SUBDIVISION TO BE SUBMITTED ON MY BEHALF.

DATE: _____

- ADDITIONAL INFORMATION:**
- 1) INDUSTRIAL PARK
 - 2) CITY WATER AVAILABLE
 - 3) SEE SOIL REPORT
 - 4) SEE TOPOGRAPHICAL INFORMATION
 - 5) ALL CITY SERVICES AVAILABLE
 - 6) NONE KNOWN

NOTE:
THE PLAN DATA IS COMPILED FROM OFFICE RECORDS OF STANTEC GEOMATICS LTD. AND HAS NOT BEEN VERIFIED BY FIELD MEASUREMENTS. ALL DISTANCES ARE APPROXIMATE, TO BE VERIFIED BY FINAL REGISTERED PLAN(S).

Canadian Tire Center

STANTEC GEOMATICS LTD.

Geomatics Services
Ottawa, Ontario
(613) 276-2122 FAX (613) 276-0769
www.stantec.com

1918-2007-12 - 00000001_0123.dwg



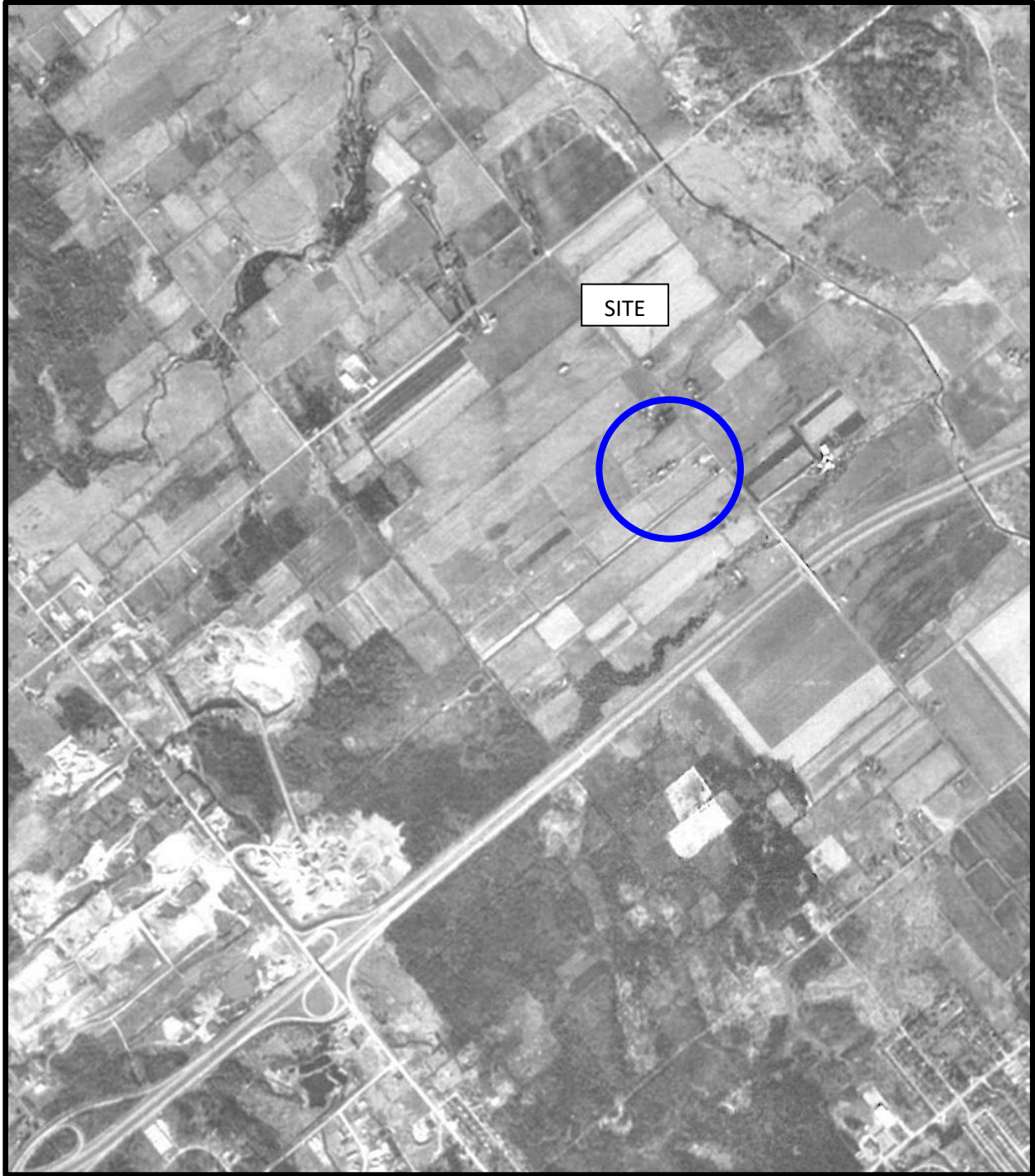
AERIAL PHOTOGRAPH
1947



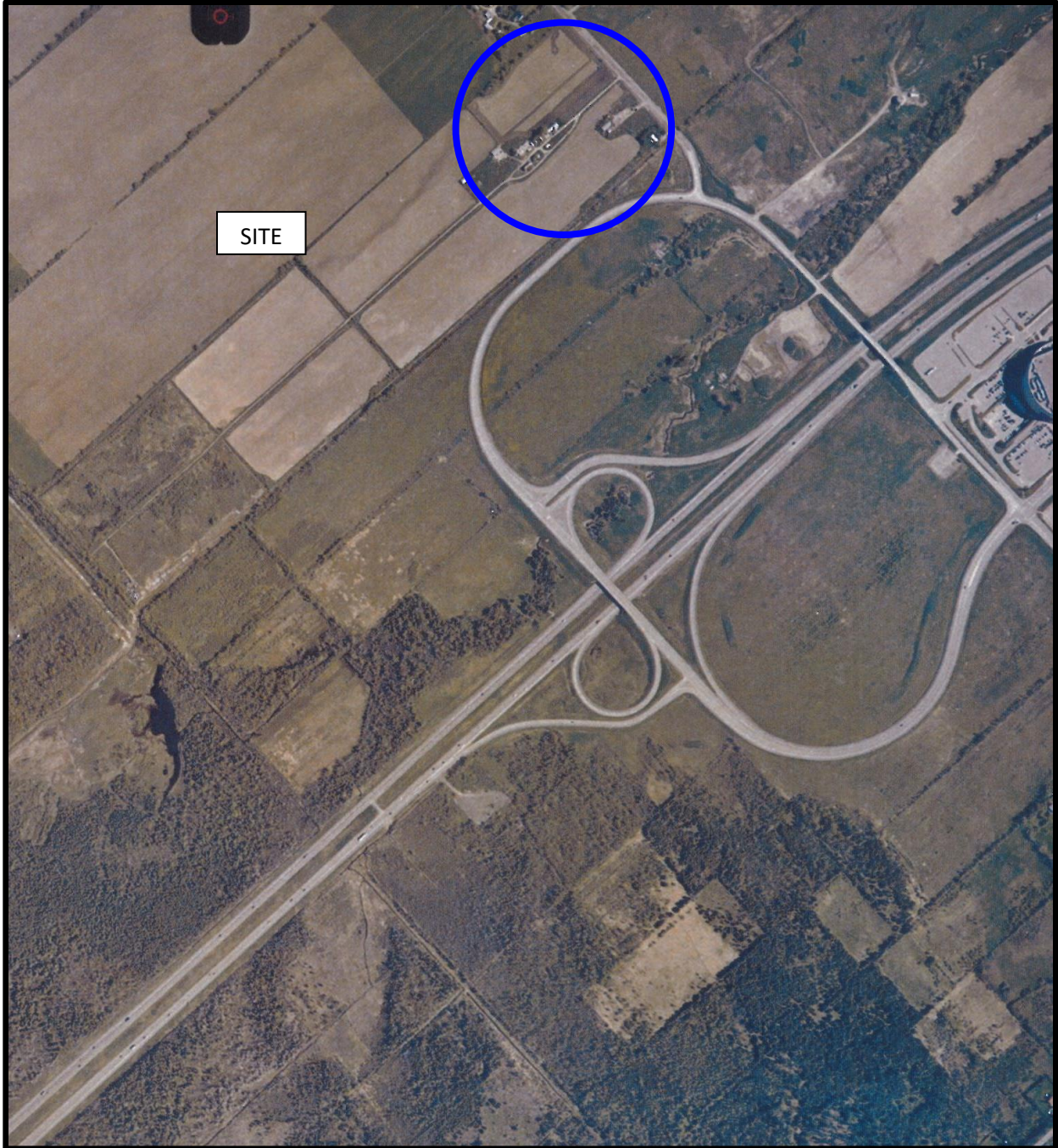
AERIAL PHOTOGRAPH
1959



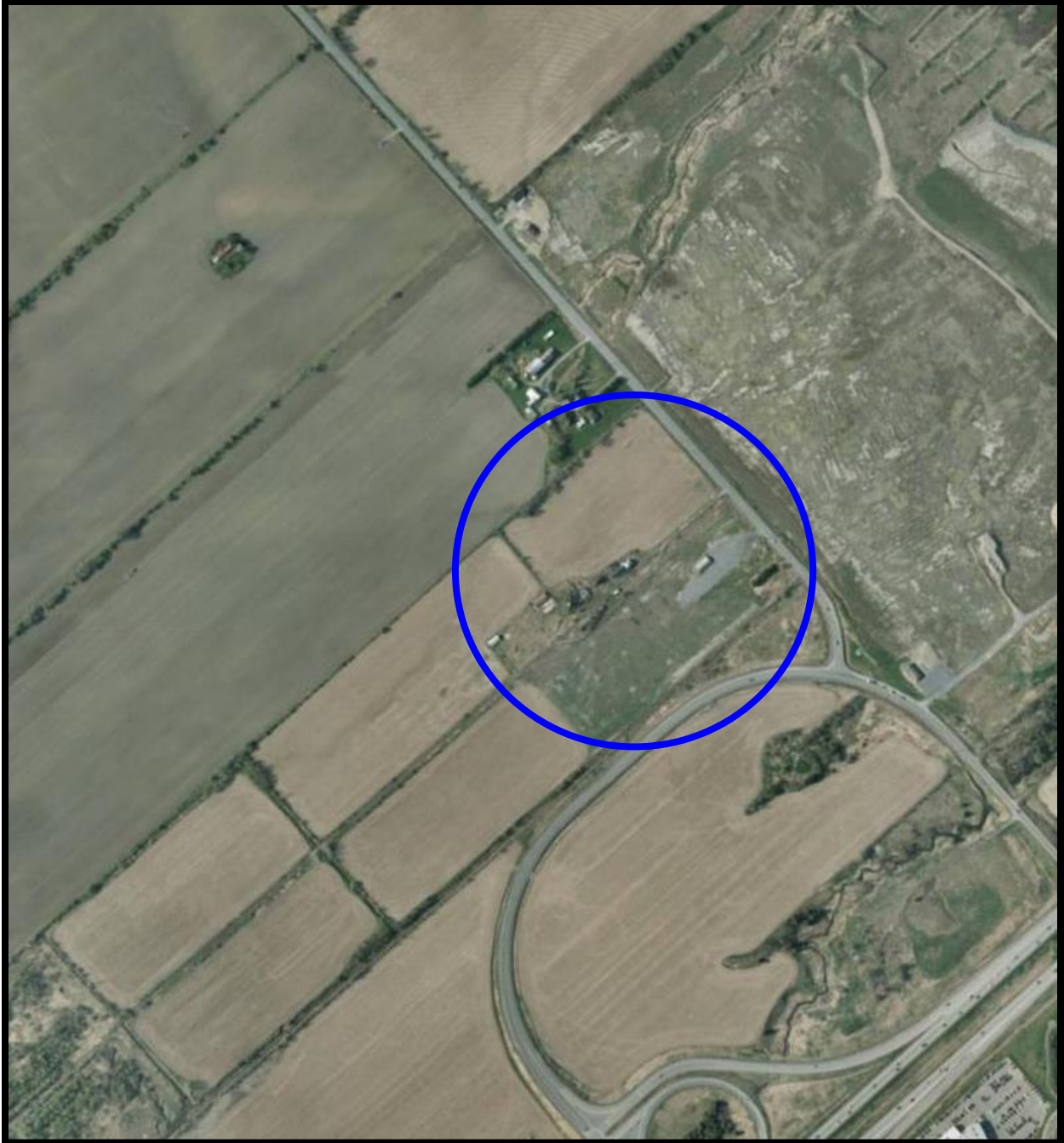
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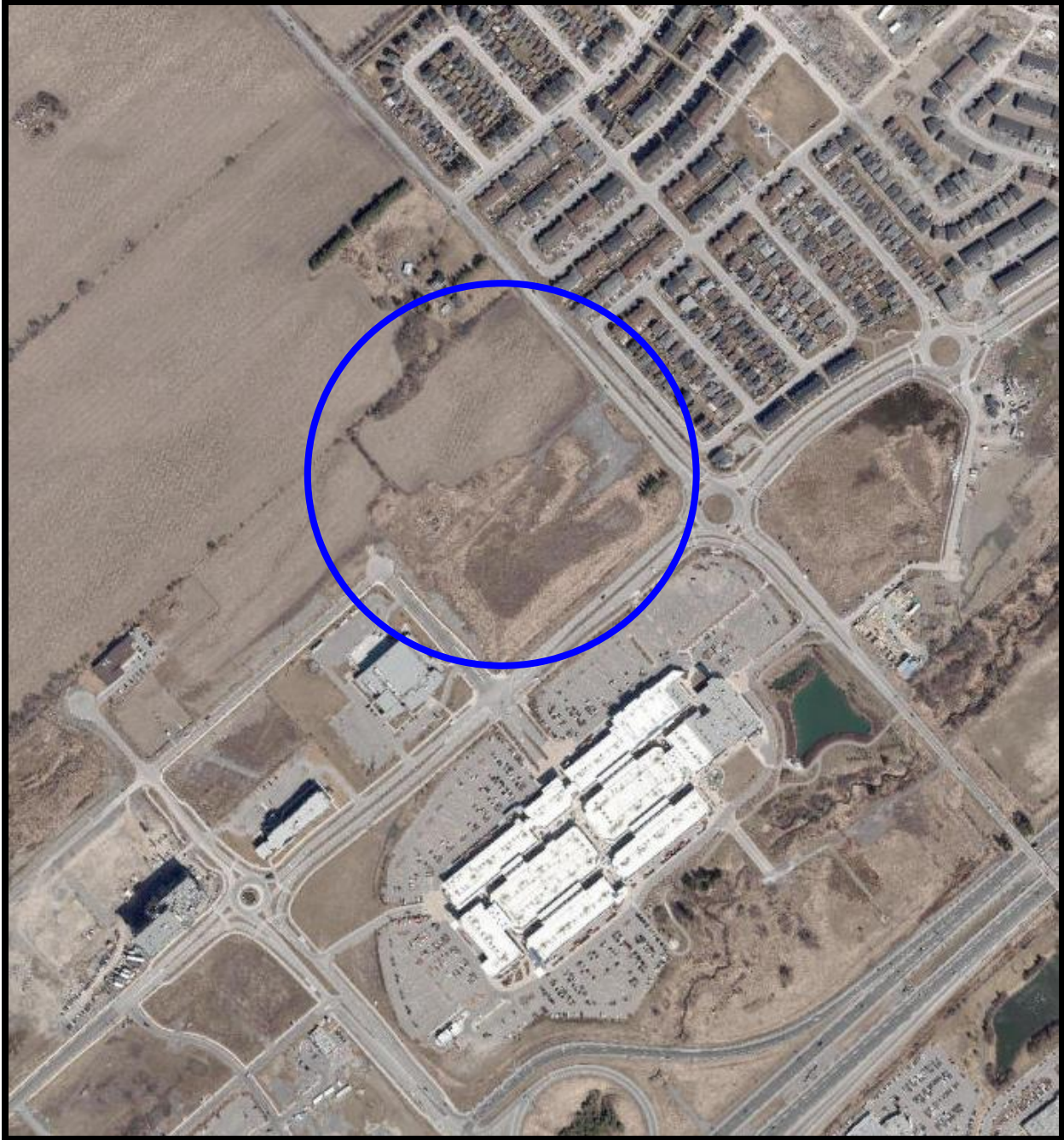
AERIAL PHOTOGRAPH
1988



AERIAL PHOTOGRAPH
2002



AERIAL PHOTOGRAPH
2011



AERIAL PHOTOGRAPH
2021

Site Photographs

PE5836

405 Huntmar Drive, Ottawa, Ontario

August 22, 2022

Photograph 1: Unused former farm land, facing north.



Photograph 2: Eastern gravel laneway, facing west.



Site Photographs

PE5836

August 22, 2022

405 Huntmar Drive, Ottawa, Ontario

Photograph 3: , Unused former farm land, facing east.



Photograph 4: Unused former farm land, facing south.



Site Photographs

PE5836

405 Huntmar Drive, Ottawa, Ontario

August 22, 2022

Photograph 5: Concrete stockpile on western portion of site, facing south.



Photograph 6: Stockpile of fill on western portion of site, facing north.



APPENDIX 2

MECP FREEDOM OF INFORMATION

MECP WELL RECORDS

TSSA RESPONSE

HLUI RESPONSE

ERIS REPORT

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) *

2022/08/24

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)

Type of Approval/Registration *

- Drinking Water Licenses
- No Supporting Documents All Supporting Documents Some Supporting Documents
- Pesticide Licenses

Only pesticide licenses post September 2018 are available. Prior to September 2018, only Pesticide license applications and supporting documentation is available

No Supporting Documents All Supporting Documents Some Supporting Documents

Permits to Take Water

Noise Vibrations Approvals/Registrations

Air Emissions Approvals/Registrations

No Supporting Documents All Supporting Documents Some Supporting Documents

Water Approvals/Registrations - Ontario Water Resources Commission, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster), mains

No Supporting Documents All Supporting Documents Some Supporting Documents

Sewage – Treatment, Stormwater, Storm, Leachate & Lieachate Treatment & Sewage pump stations, Sanitary

No Supporting Documents All Supporting Documents Some Supporting Documents

Waste Water - Industrial discharge

No Supporting Documents All Supporting Documents Some Supporting Documents

Waste Sites - Disposal, Landfill sites, Transfer stations, Processing sites, Incinerator sites

No Supporting Documents All Supporting Documents Some Supporting Documents

Waste Management Systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, Polychlorinated Biphenyls (PCBs) storage, transfer or destruction, Waste Generator Systems)

No Supporting Documents All Supporting Documents Some Supporting Documents

Company Name

Waste Generator Registration - number/class

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 *

ST PIERRE

First Name *

MARK

Middle Initial

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

Paterson Group

Project/Reference Number (if applicable)

PE5836

Are you submitting this request on behalf of a client? *

Yes No

Mailing Address

Unit Number

Street Number *

Street Name *

9

Auriga Drive

PO Box

City/Town *

Province *

Postal Code *

OTTAWA

ON

K2E 7J5

Telephone Number *

Email Address *

613-226-7381

ext.

mstpierre@patersongroup.ca

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

405

Huntmar Road

Full Lot Number

Concession

Geographic Township

4

1

Huntley

City/Town/Village *

Ottawa

Closest Intersection

Campeau Drive at Huntmar Road

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 – Owner Information

Please provide all present and previous property owner and/or tenant names for the search years requested.

Current Property Owner/Tenant

405 Huntmar Road

Lot 4 Conc 1 Huntley

Ottawa

Owner Name

Date of Ownership (yyyy/mm/dd)

West Ottawa Land Holdings (2) Inc.

2012/03/01

Tenant Name

Section 6 – Supporting Documents

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: 24182557

UTM | 18 | Z | 426665 | E
 | 9 | R | 5016380 | N
 Elev. | 9 | R | 0230 |
 Basin | 0251 | | | |
 Lot 3



31 GSD

15 No 3079
 GROUND WATER BRANCH
 185
 DEC 16 1957
 ONTARIO WATER RESOURCES COMMISSION

The Water-well Drillers Act, 1954
 Department of Mines

Water-Well Record

Ship, Village, Town or City..... HUNTER
 Village, Town or City).....
 Address

Date completed
 (day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s) <u>4"</u>	Static level <u>15</u>
Length(s) <u>62'</u>	Pumping rate <u>300 GPM</u>
Type of screen <u>NONE</u>	Pumping level <u>27</u>
Length of screen	Duration of test <u>1 1/2 HRS</u>

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>CLAY</u>	<u>0</u>	<u>50</u>			
<u>SHALE</u>	<u>50</u>	<u>60</u>			
<u>SAND</u>	<u>60</u>	<u>61</u>			
<u>SANDSTONE</u>	<u>61</u>	<u>89</u>	<u>87</u>	<u>74</u>	<u>FRESH</u>

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

Is water clear or cloudy?..... PLAIN

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

Drilling firm

Address

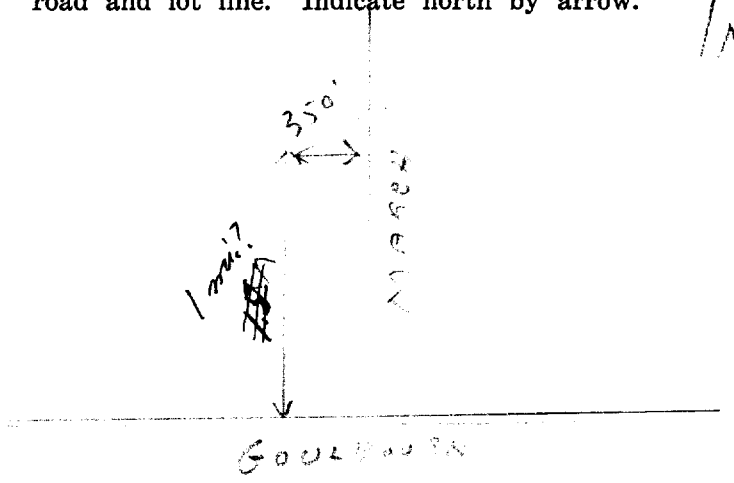
Name of Driller W. S. SPARKS

Address 5074 MADISON

Licence Number 490

Location of Well

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



I certify that the foregoing statements of fact are true.

Date DEC 4 1957 K. Sparks
 Signature of Licensee

UTM 218Z 426305E
 9R 5016700N
 Elev. 9R 0337
 Basin 251
 Lot 4



31652

GROUND WATER BRANCH
 164
 DEC 16 1957
 ONTARIO WATER
 RESOURCES COMMISSION

The Water-well Drillers Act, 1954
 Department of Mines

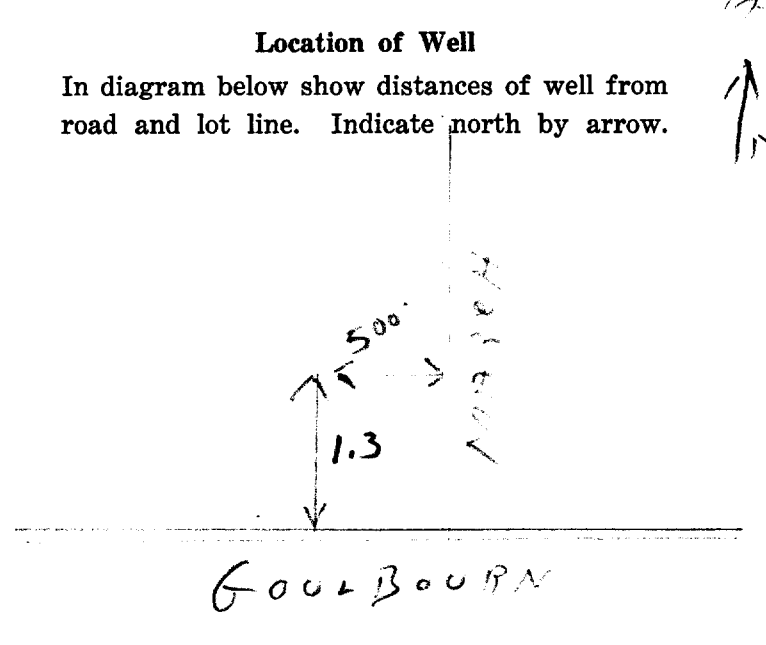
Water-Well Record

County: [REDACTED] Township: [REDACTED] Village, Town or City: HUNTLEY
 Village, Town or City:
 Address: 5777 SUTHER
 Date completed: 4 (day) DEC (month) 57 (year)

Pipe and Casing Record		Pumping Test	
Casing diameter (s) <u>4"</u>	Static level <u>12</u>	Length (s) <u>55'</u>	Pumping rate <u>300 GPH</u>
Type of screen <u>NONE</u>	Pumping level <u>75</u>	Length of screen	Duration of test <u>1.15</u>

Well Log		Water Record			
Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>CLAY</u>	<u>0</u>	<u>42</u>			
<u>GRAVEL</u>	<u>42</u>	<u>43</u>			
<u>CLAY</u>	<u>43</u>	<u>50</u>			
<u>Hard sandstone</u>	<u>50</u>	<u>132</u>	<u>120</u>	<u>108</u>	<u>SULPHUR</u>

For what purpose(s) is the water to be used? HOUSE & BARN
 Is water clear or cloudy? CLEAR
 Is well on upland, in valley, or on hillside? UPLAND
 Drilling firm
 Address
 Name of Driller BEN SPARKES
 Address
 Licence Number 20
 I certify that the foregoing statements of fact are true.
 Date DEC 4 1957 Ben Sparkes
 Signature of Licensee



UTM 182 4268100E



31654

WATER BE...
15 No. DIVISION 3285
JUL 6 1964
ONTARIO WATER RESOURCES COM...

5 501165110N

The Ontario Water Resources Commission Act

Elev. 4 10325

WATER WELL RECORD

Basin 25 Carleton

Township, Village, Town or City March

Con. 1 Lot 3

Date completed 23 May 64
(day month year)

Address Hazeldean, Ontario.

Casing and Screen Record

Inside diameter of casing 1 1/2" - 2" & 3"
Total length of casing 3", 0'-52'; 2", 52'-77'; 1 1/2", 77'-85'
Type of screen -
Length of screen -
Depth to top of screen -
Diameter of finished hole 2"

Pumping Test

Static level 5'
Test-pumping rate 10 G.P.M.
Pumping level 20'
Duration of test pumping 1 hour
Water clear or cloudy at end of test clear
Recommended pumping rate 5 G.P.M.
with pump setting of 40 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

30

136

sulphur

Quick sand

30

52

Boulders & sand

52

70

Limestone

70

136

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

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

Drilling or Boring Firm J.B. Dufresne & Co. Ltd.,
1014 Maitland Ave.,
Address OTTAWA 5, Ont.

Licence Number 1307

Name of Driller or Borer F. Cossette
Address 1510 Baseline Rd., Ottawa, Ont.

Date 26 May, 1964

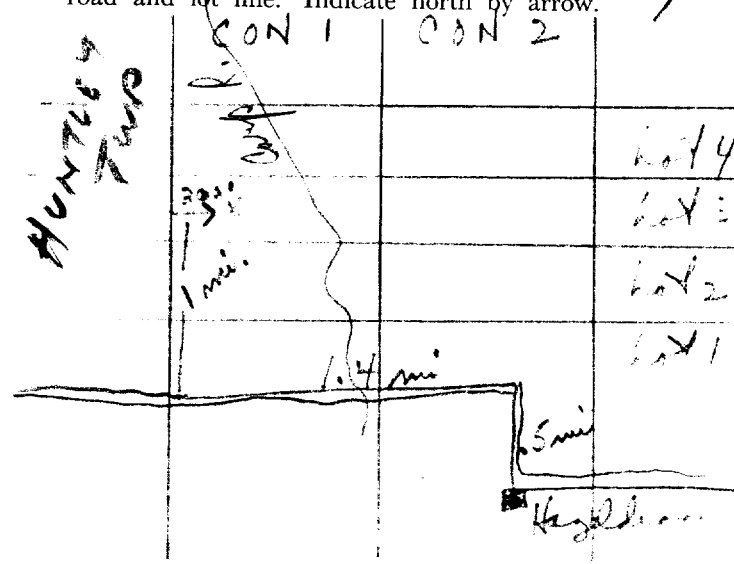
(Signature of Licensed Drilling or Boring Contractor)

Form 7 10M-62-1152

OWRC COPY

Location of Well

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



CSS.58



Ontario

WATER WELL RECORD

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

11

1516505

MUNICIP 15005

CON. C0N

01

COUNTY OR DISTRICT Carleton	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE West Carleton (Huntley)	CON., BLOCK, TRACT, SURVEY, ETC. 1	LOT 004
ADDRESS # 2 Stittsville, Ontario			DATE COMPLETED DA 04 MO 05 YR 78
THING 016940	PC 4	ELEVATION 0335	BC 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
grey	clay		soft	0	17
grey	limestone	boulders	hard	17	21
grey	clay		soft	21	40
grey	sand	clay	packed	40	55
grey	gravel	broken rock	loose	55	56
grey	limestone		medium hard	56	80

31 **001720578** **00212151373** **004022810579** **00552289579** **00562111271** **008821573**

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0060 10-13	1 <input type="checkbox"/> FRESH 3 <input checked="" type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
0077 15-18	1 <input type="checkbox"/> FRESH 3 <input checked="" 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

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET
10-11	<input checked="" type="checkbox"/> STEEL	188	0 0057
06	<input checked="" type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input checked="" type="checkbox"/> OPEN HOLE		57 66
17-18	<input type="checkbox"/> STEEL <input checked="" type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input checked="" type="checkbox"/> OPEN HOLE		66 0080
24-25	<input type="checkbox"/> STEEL <input type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input type="checkbox"/> OPEN HOLE		27-30

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH
	INCHES	FEET
MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN	
	41-44 80	

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 80

PUMPING TEST

1 PUMP 2 WATER BALANCE

10 PUMPING RATE **0010** GPM

11-14 DURATION OF PUMPING
15-16 HOURS **00** 17-18 MINS

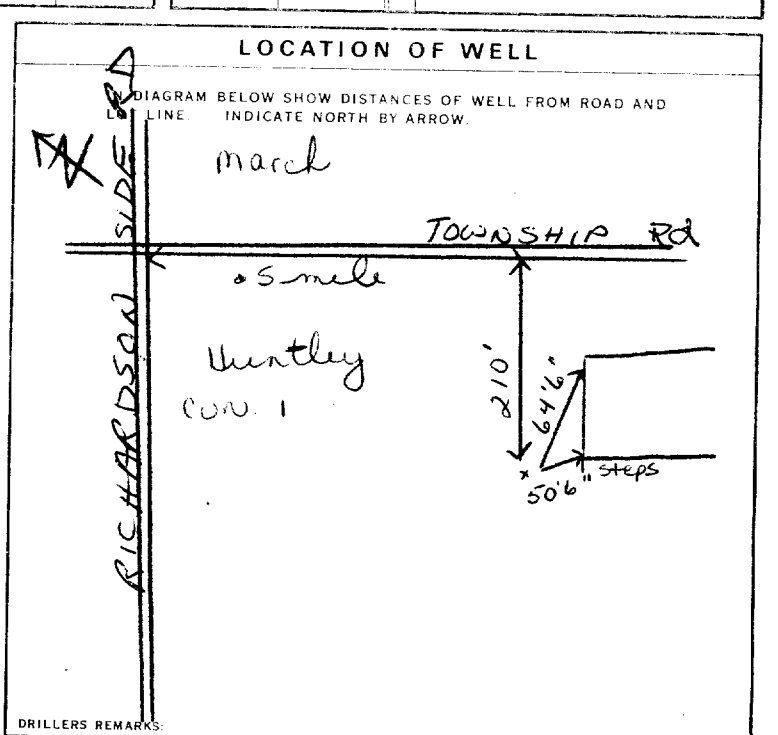
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING			
19-21	22-24	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
010	065	065	065	065	065
FEET	FEET	FEET	FEET	FEET	FEET

IF FLOWING, GIVE RATE

RECOMMENDED PUMP TYPE
 SHALLOW DEEP

RECOMMENDED PUMP SETTING **065** FEET

RECOMMENDED PUMPING RATE **0005** 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
Capital water Supply Ltd.

LICENCE NUMBER
1558

ADDRESS
Box 490 Stittsville, Ontario

NAME OF DRILLER OR BORER
H. Moore

LICENCE NUMBER

SIGNATURE OF CONTRACTOR
Kalter Kwanagh

SUBMISSION DATE
DAY **04** MO **05** YR **78**

OFFICE USE ONLY

DATA SOURCE **1** CONTRACTOR **1558** DATE RECEIVED **160678**

DATE OF INSPECTION **17/05/79** INSPECTOR **J**

REMARKS:

P
WI

WATER WELL RECORD

31 9/54

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

11 1517040 MUNICIPAL 15005 CON. CON. 01
COUNTY OR DISTRICT: Carleton TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: Huntley CON. BLOCK, TRACT, SURVEY, ETC.: Conc. 1 I 009
DATE COMPLETED: DAY 15 MO 06 YR 79
R. R. # 2, Stittsville, Ontario K0A 3G0
ELEVATION: 016899 0335 BASIN CODE: 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Gray	Clay		Packed	0	18
Gray	Clay		Loose	18	45
Gray	Clay	Sandstone	Packed	45	57
Gray-Black	Limestone		Hard	57	85

31 0018205 79 0045205 77 0057205 1879 0085215 73
32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER			
10-13	<input checked="" type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
15-18	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
20-23	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
25-28	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
30-33	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

DEPTH - FEET	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
0-13	<input checked="" type="checkbox"/> STEEL	188	0	0057
17-18	<input type="checkbox"/> STEEL		57	0085
24-25	<input type="checkbox"/> STEEL			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

61 PLUGGING & SEALING RECORD

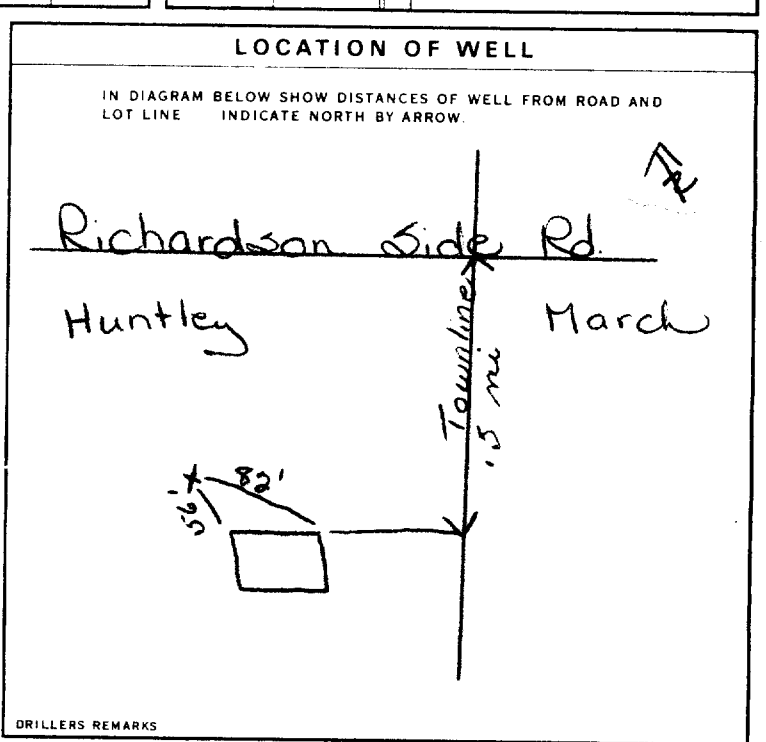
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
FROM	TO	
10-13	14-17	
18-21	22-25	
26-29	30-33	

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE GPM	DURATION OF PUMPING HOURS
<input type="checkbox"/> PUMP <input checked="" type="checkbox"/> BAILER	0009	01

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING PUMPING					
045 FEET	060 FEET	15 MINUTES: 060 FEET	30 MINUTES: 060 FEET	45 MINUTES: 060 FEET	60 MINUTES: 060 FEET	75 MINUTES: 060 FEET	90 MINUTES: 060 FEET

RECOMMENDED PUMP TYPE: SHALLOW DEEP
RECOMMENDED PUMP SETTING: 065 FEET
RECOMMENDED PUMPING RATE: 0005 GPM



FINAL STATUS OF WELL

WATER SUPPLY
 OBSERVATION WELL
 TEST HOLE
 RECHARGE WELL

WATER USE

DOMESTIC
 STOCK
 IRRIGATION
 INDUSTRIAL
 OTHER

METHOD OF DRILLING

CABLE TOOL
 ROTARY (CONVENTIONAL)
 ROTARY (REVERSE)
 ROTARY (AIR)
 AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR: Capital Water Supply Ltd. LICENCE NUMBER: 1558
ADDRESS: Box 490, Stittsville, Ontario K0A 3G0
NAME OF DRILLER OR BORER: J. Moore
SIGNATURE OF CONTRACTOR: [Signature] SUBMISSION DATE: DAY 18 MO 06 YR 79

OFFICE USE ONLY

DATA SOURCE: 1 CONTRACTOR: 1558 DATE RECEIVED: 130879
DATE OF INSPECTION: INSPECTOR: [Signature]
REMARKS:

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

11
1 2

1529619

Municipality 15005 Con. CON 02
10 14 15 22 23 24

County or District Ottawa Carleton		Township/Borough/City/Town/Village West Carleton - Huntley		Con block tract survey, etc. 2	Lot 2
Owner's surname Turpin Group Inc.	First name	Address c/o Golders Ass. Ltd. 1796 Courtwood Cres.			Date completed 25 day 9 month 97 year
Zone M 10		Easting 12 17 18 24		Northing K2C 2B5	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)					
General colour	Most common material	Other materials	General description	Depth - feet	
				From	To
Brown	Clay		Packed	0	10
Gray	Clay		Sticky	10	38
Gray	Sandy Clay		Dry	38	41.6
Gray	Limestone		Medium HARD	41.6	150
Gray	Limestone		Medium Hard	150	200

NOTE: No Water, Well was stopped at owners request

31

32

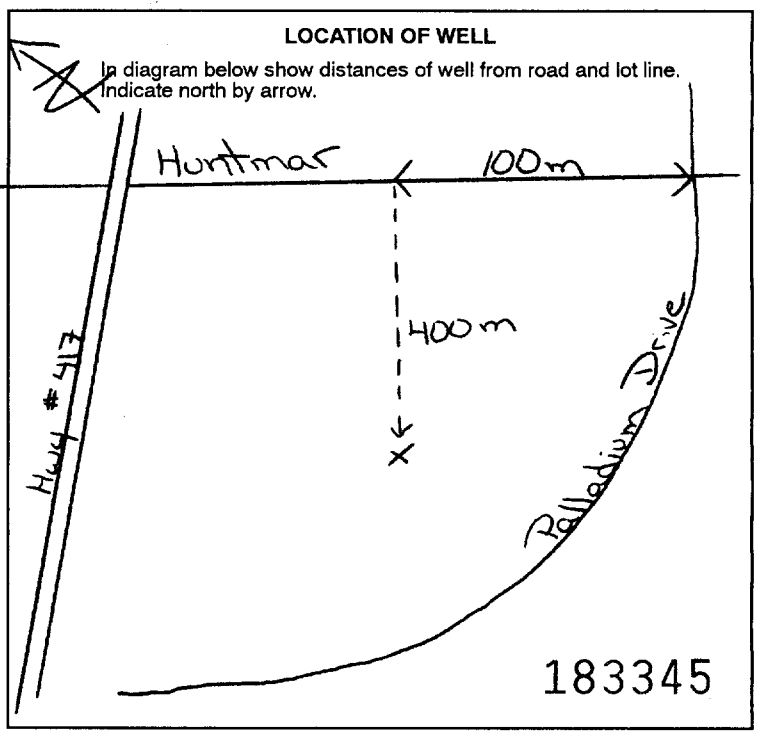
41 WATER RECORD			
Water found at - feet	Kind of water		
10-13	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	14
15-18	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	19
20-23	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	24
25-28	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	29
30-33	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	34

51 CASING & OPEN HOLE RECORD				
Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
6 1/4	1 <input type="checkbox"/> Steel 2 <input checked="" type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic	.188	0	44.5
5 15/16	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input checked="" type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic		44.5	200
16	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic			27-30

SCREEN	31-33 Sizes of opening (Slot No.)		34-38 Diameter inches		39-40 Length feet	
	Material and type			Depth at top of screen 41-44 feet		

61 PLUGGING & SEALING RECORD			
<input type="checkbox"/> Annular space <input type="checkbox"/> Abandonment			
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)	
From	To		
10-13	14-17	Grouted Cement (8)	
43	18-21	0	
26-29	30-33	80	

71 PUMPING TEST			
Pumping test method 1 <input type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer		Pumping rate GPM	
Duration of pumping Hours Mins		17-18	
Static level	Water level end of pumping	Water levels during	
19-21	22-24	1 <input type="checkbox"/> Pumping	2 <input type="checkbox"/> Recovery
feet	feet	15 minutes 26-28	30 minutes 29-31
		45 minutes 32-34	60 minutes 35-37
feet	feet	feet	feet
If flowing give rate 38-41	Pump intake set at	Water at end of test 42	
GPM	feet	<input type="checkbox"/> Clear <input type="checkbox"/> Cloudy	
Recommended pump type <input type="checkbox"/> Shallow <input type="checkbox"/> Deep	Recommended pump setting	Recommended pump rate 46-49	
	feet	GPM	



54 FINAL STATUS OF WELL			
1 <input type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished	
2 <input type="checkbox"/> Observation well	6 <input checked="" type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well	
3 <input type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)		
4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering		

55-56 WATER USE			
1 <input type="checkbox"/> Domestic	5 <input type="checkbox"/> Commercial	9 <input type="checkbox"/> Not used	
2 <input type="checkbox"/> Stock	6 <input type="checkbox"/> Municipal	10 <input type="checkbox"/> Other	
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply		
4 <input type="checkbox"/> Industrial	8 <input type="checkbox"/> Cooling & air conditioning		

57 METHOD OF CONSTRUCTION			
1 <input type="checkbox"/> Cable tool	5 <input type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving	
2 <input type="checkbox"/> Rotary (conventional)	6 <input checked="" type="checkbox"/> Boring	10 <input type="checkbox"/> Digging	
3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other	
4 <input type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting		

Name of Well Contractor Capital Water Supply Ltd.	Well Contractor's Licence No. 1558
Address P.O. Box 490 Stittsville, Ontario K2S 1A6	
Name of Well Technician S. Miller	Well Technician's Licence No. T0097
Signature of Technician/Contractor <i>[Signature]</i>	Submission date day 29 mo 9 yr 97

MINISTRY USE ONLY	Data source 1558	Contractor 1558	Date received OCT 17 1997
	Date of inspection	Inspector	
	Remarks <i>[Signature]</i>		

Well ID

Well ID Number: 7359566

Well Audit Number: C35575

Well Tag Number: A267542

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

Address of Well Location	
Township	HUNTLEY TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 – Zone 18 Easting: 426341.00 Northing: 5016731.00
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: 1844

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: C35575

Date Well Completed: January 07, 2020

Date Well Record Received by MOE: May 27, 2020

Mark St. Pierre

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: August 25, 2022 4:16 PM
To: Mark St. Pierre
Subject: RE: Records search request for 405 Huntmar Drive in Ottawa, Ontario

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 Mark,

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

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

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

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

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

Accessing the Service Prepayment Portal:

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

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

Questions? Please contact TSSA's Public Information Release team at 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,



Nicola Carty | Public Information Agent

Public Information
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1 416-734-3221 | E-Mail: ncarty@tssa.org
www.tssa.org



Winner of 2022 5-Star Safety Cultures Award

From: Mark St. Pierre <MStPierre@patersongroup.ca>
Sent: August 25, 2022 4:01 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Records search request for 405 Huntmar Drive in Ottawa, Ontario

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

Good afternoon,

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

- 405 Huntmar Drive
- 445 Huntmar Drive
- 453 Huntmar Drive
- 467 Huntmar Drive
- 1300 Upper Canada Street
- 8560 Campeau Drive
- 8555 Campeau Drive
- 451 Huntmar Drive
- 340 Huntmar
- 248 Mission Trail Crescent

Regards,



MARK ST PIERRE, P.ENG.
Intermediate Environmental Engineer
TEL: (613) 226-7381 ext. 126
DIRECT: (613) 702-8782
9 AURIGA DRIVE
OTTAWA ON K2E 7T9
patersongroup.ca

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

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise

protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.



PATERSON GROUP

August 22, 2022
File: PE5836 -HLUI

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

**Subject: Authorization Letter, HLUI Search
Phase I-Environmental Site Assessment
405 Huntmar Road
Ottawa, ON**

Consulting Engineers

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

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

patersongroup.ca

Dear Sir/Madame

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

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

Name of Company/Property Owner:

WEST OTTAWA LANDS HOLDINGS (2) INC.

Name of Representative:

Derek Howe

Signature:

DH

Date:

AUGUST 23 / 2022.

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, Real Estate and Economic Development Department, 110 Laurier Avenue West, Ottawa, K1P 1J1, or by phone at (613) 580-2424, ext. 24075

Background Information

***Site Address or Location:**

** 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:

Part of Lot 4, Concession 1

What is the land
currently used for?

Vacant/Agricultural

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

OR Lot area: (irregular lot) m²

Does the site have Full Municipal Services: Yes No

Required Fees

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

Planning Fee

\$132.00

Submittal Requirements

The following are required to be submitted with this application:

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

Disclaimer
For use with HLUI Database

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

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

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

Signed:  _____

Dated (dd/mm/yyyy): 29/08/2022 _____

Per: Mark St Pierre _____
(Please print name)

Title: Engineer _____

Company: Paterson Group _____



DATABASE REPORT

Project Property: *Phase I ESA
Campeau Drive at Huntmar Road (NW
Parcel)
Ottawa ON*

Project No: *55582 / PE5836*

Report Type: *Standard Report*

Order No: *22081800381*

Requested by: *Paterson Group Inc.*

Date Completed: *August 23, 2022*

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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.

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

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Executive Summary

Property Information:

Project Property: *Phase I ESA
Campeau Drive at Huntmar Road (NW Parcel) Ottawa ON*

Project No: *55582 / PE5836*

Coordinates:

Latitude: *45.3013107*
Longitude: *-75.9387521*
UTM Northing: *5,016,851.68*
UTM Easting: *426,400.82*
UTM Zone: *18T*

Elevation: *331 FT
100.91 M*

Order Information:

Order No: *22081800381*
Date Requested: *August 18, 2022*
Requested by: *Paterson Group Inc.*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<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	1	1
CA	<i>Certificates of Approval</i>	Y	0	1	1
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	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	6	6
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	0	0
EIS	<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	2	2
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
OGGW	<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	1	1
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	1	1
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:			0	14	14

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

<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	CA	2049824 Ontario Inc.	405 Huntmar Drive Ottawa ON K2S 1B9	SE/90.9	-0.18	15
1	GEN	2049824 ONTARIO INC.	405 HUNTMAR ROAD OTTAWA ON	SE/90.9	-0.18	15
1	ECA	2049824 Ontario Inc.	405 Huntmar Dr Ottawa ON K1A 1M5	SE/90.9	-0.18	15
2	WWIS		lot 4 con 1 ON Well ID: 1503020	NW/95.9	-1.03	15
3	BORE		ON	NW/95.9	-1.03	19
4	WWIS		ON Well ID: 7359566	SW/134.7	-0.03	20
5	GEN	Thomas Cavanaugh Construction Ltd.	410 Huntmar Rd Ottawa ON	ENE/198.8	-1.88	21
6	ECA	UBCJA Local 93 & UBCJA Local 2041 Building Corporation	8560 Campeau Dr Ottawa ON K1P 1J1	SW/236.3	0.97	21
7	PTTW	RioCan Management Inc.	333 Huntmar Drive, City of Ottawa, Ontario CITY OF OTTAWA ON	SE/241.1	-1.03	22
7	ECA	RioCan Management Inc.	333 Huntmar Dr Ottawa ON M4P 1E4	SE/241.1	-1.03	22
7	ECA	West Ottawa Land Holdings Inc. and West Ottawa Land Holdings (2) Inc.	333 Huntmar Dr Part Lots 3 and 4, Concession 1 Ottawa ON K1V 8Y3	SE/241.1	-1.03	22
7	ECA	RioCan Management Inc.	333 Huntmar Dr Ottawa ON M4P 1E4	SE/241.1	-1.03	23

<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>
7	ECA	RioCan Management Inc.	333 Huntmar Dr Ottawa ON M4P 1E4	SE/241.1	-1.03	23
8	SPL	Miller Waste Solutions Group Inc.	215 Mission Trail Crescent Ottawa ON	ENE/244.1	-2.34	23

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	NW	95.91	<u>3</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>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	SE	90.86	<u>1</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Jun 30, 2022 has found that there are 6 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
UBCJA Local 93 & UBCJA Local 2041 Building Corporation	8560 Campeau Dr Ottawa ON K1P 1J1	SW	236.34	<u>6</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
2049824 Ontario Inc.	405 Huntmar Dr Ottawa ON K1A 1M5	SE	90.86	<u>1</u>

West Ottawa Land Holdings Inc. and West Ottawa Land Holdings (2) Inc.	333 Huntmar Dr Part Lots 3 and 4, Concession 1 Ottawa ON K1V 8Y3	SE	241.11	<u>7</u>
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RioCan Management Inc.	333 Huntmar Dr Ottawa ON M4P 1E4	SE	241.11	<u>7</u>
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RioCan Management Inc.	333 Huntmar Dr Ottawa ON M4P 1E4	SE	241.11	7
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RioCan Management Inc.	333 Huntmar Dr Ottawa ON M4P 1E4	SE	241.11	7
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GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2022 has found that there are 2 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
2049824 ONTARIO INC.	405 HUNTMAR ROAD OTTAWA ON	SE	90.86	1
Thomas Cavanaugh Construction Ltd.	410 Huntmar Rd Ottawa ON	ENE	198.83	5

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994 - Jun 30, 2022 has found that there are 1 PTTW site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
RioCan Management Inc.	333 Huntmar Drive, City of Ottawa, Ontario CITY OF OTTAWA ON	SE	241.11	7

SPL - Ontario Spills

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

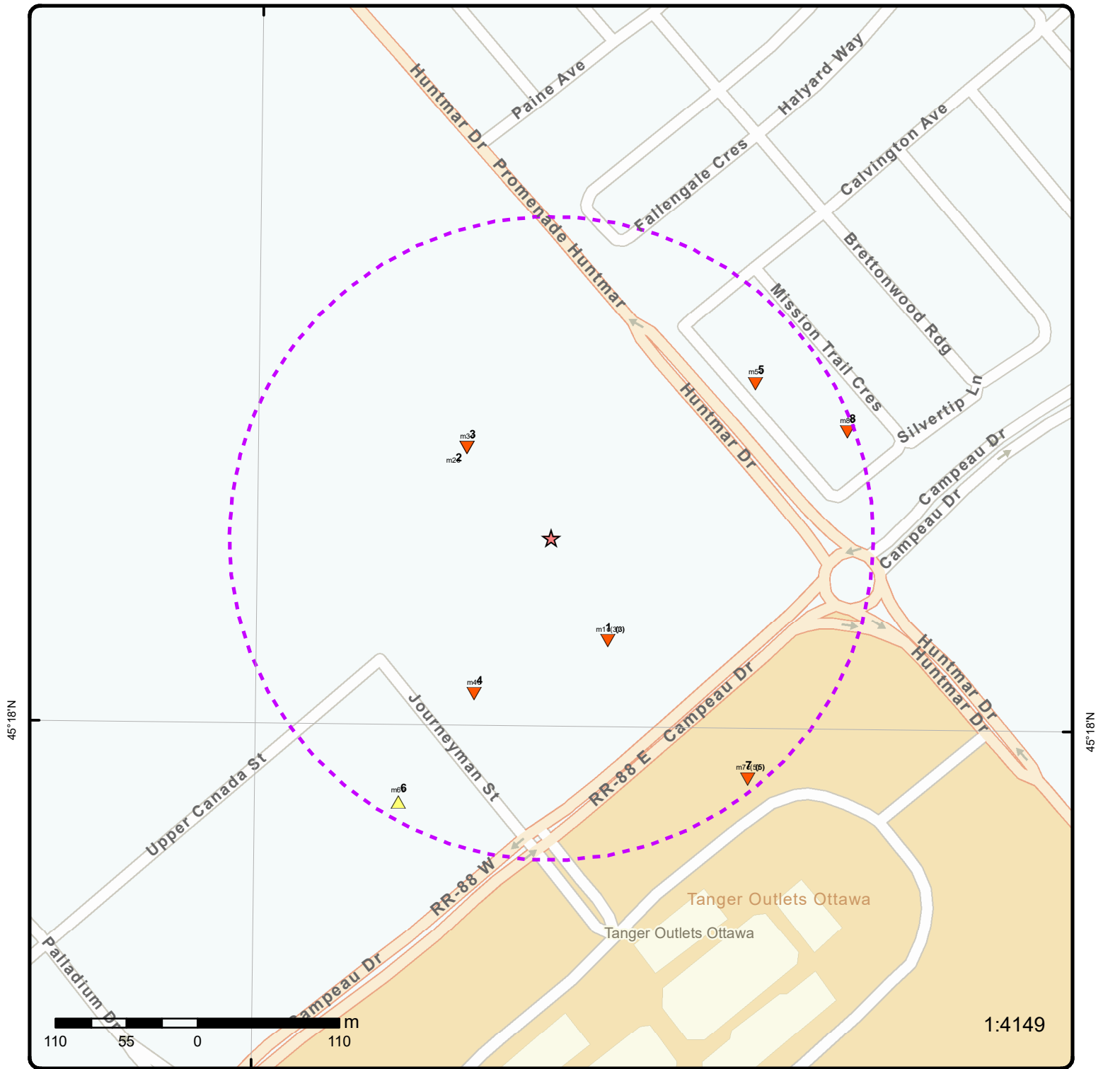
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Miller Waste Solutions Group Inc.	215 Mission Trail Crescent Ottawa ON	ENE	244.12	8

WWIS - Water Well Information System

A search of the WWIS database, dated Jan 31, 2022 has found that there are 2 WWIS site(s) within approximately 0.25 kilometers of

the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 4 con 1 ON <i>Well ID:</i> 1503020	NW	95.91	2
	ON <i>Well ID:</i> 7359566	SW	134.69	4



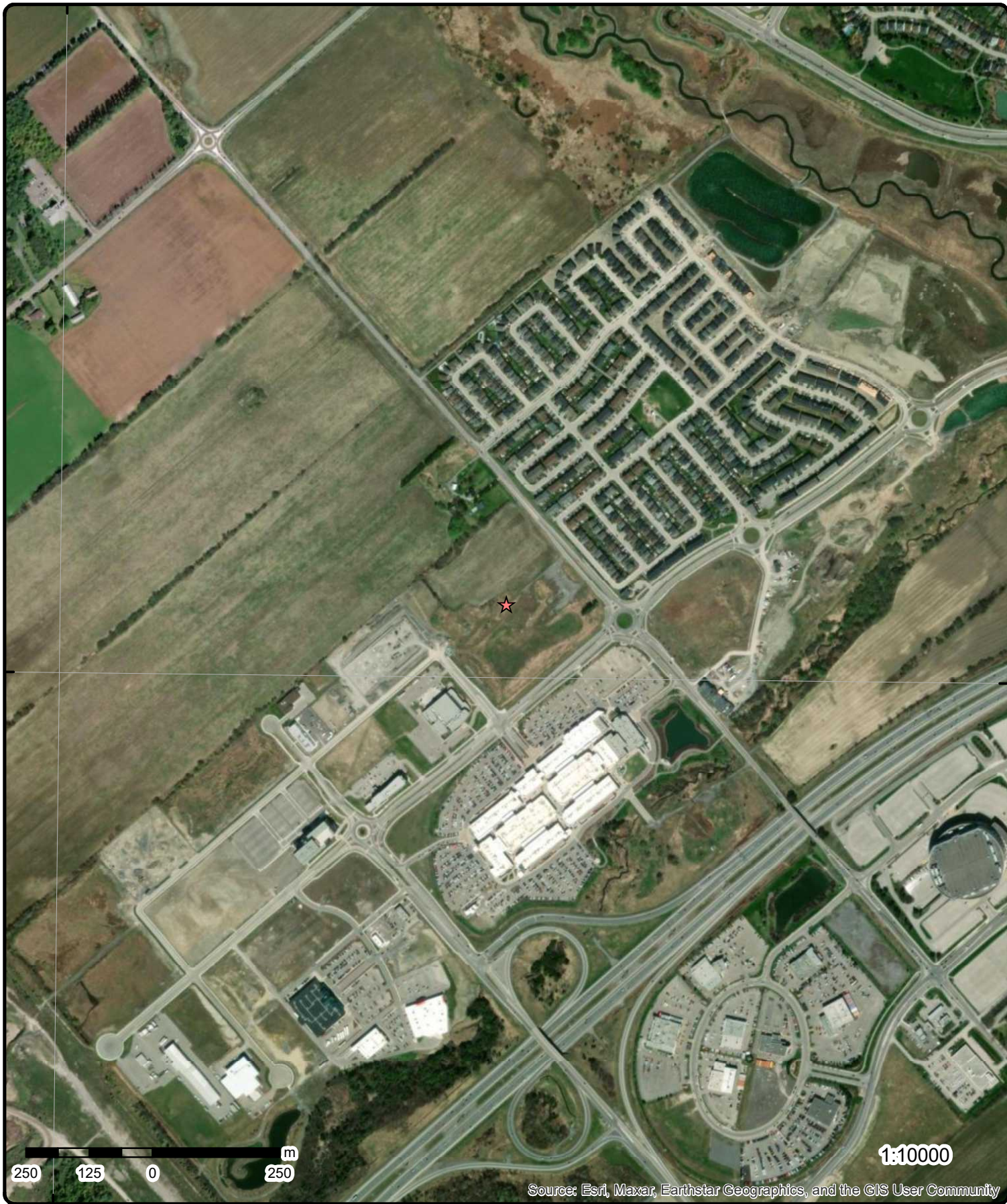
Map: 0.25 Kilometer Radius

Order Number: 22081800381

Address: Campeau Drive at Huntmar Road (NW Parcel), Ottawa, ON



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



Aerial Year: 2022

Order Number: 22081800381

Address: Campeau Drive at Huntmar Road (NW Parcel), Ottawa, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership

75°57'W

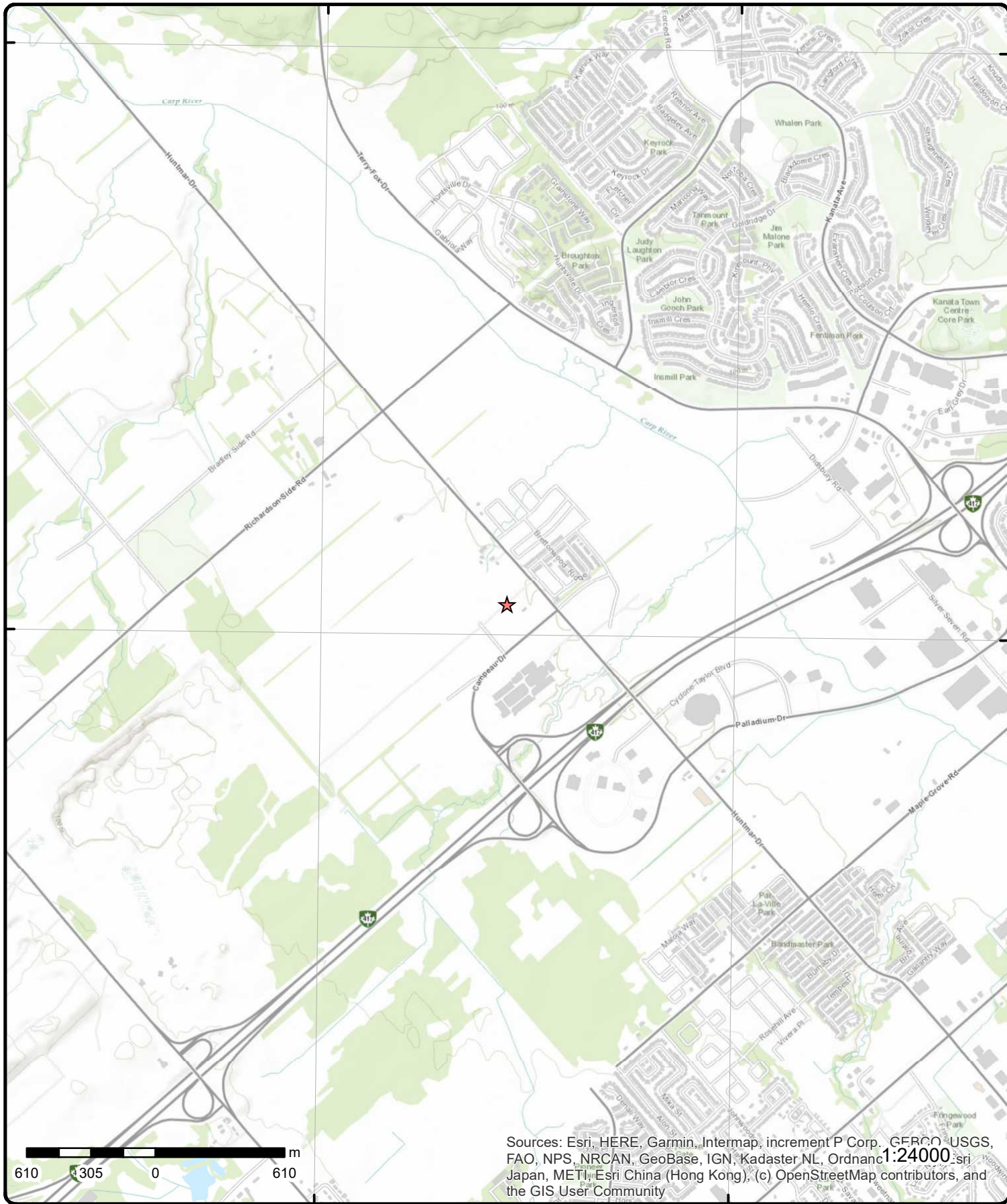
75°55'30"W

45°19'30"N

45°19'30"N

45°18'N

45°18'N



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: 22081800381

Address: Campeau Drive at Huntmar Road (NW Parcel), 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
<p><u>1</u></p> <p>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:</p>	1 of 3	SE/90.9	100.7 / -0.18	2049824 Ontario Inc. 405 Huntmar Drive Ottawa ON K2S 1B9	CA
<p><u>1</u></p> <p>Generator No: ON9067188 SIC Code: 493190 SIC Description: Other Warehousing and Storage Approval Years: 2012 PO Box No: Country:</p>	2 of 3	SE/90.9	100.7 / -0.18	2049824 ONTARIO INC. 405 HUNTMAR ROAD OTTAWA ON	GEN
<p><u>1</u></p> <p>Approval No: 6750-6DLH9U Approval Date: 2005-07-07 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: 2049824 Ontario Inc. Address: 405 Huntmar Dr Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3514-6BMJ6Z-14.pdf PDF Site Location:</p>	3 of 3	SE/90.9	100.7 / -0.18	2049824 Ontario Inc. 405 Huntmar Dr Ottawa ON K1A 1M5	ECA
<p><u>2</u></p> <p>Well ID: 1503020 Construction Date:</p>	1 of 1	NW/95.9	99.9 / -1.03	lot 4 con 1 ON	WWIS
<p>Flowing (Y/N): Flow Rate:</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use 1st:	Livestock			Data Entry Status:	
Use 2nd:	Domestic			Data Src:	1
Final Well Status:	Water Supply			Date Received:	16-Dec-1957 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4825
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA
Elevatn Reliability:				Lot:	004
Depth to Bedrock:				Concession:	01
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HUNTLEY TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503020.pdf				

Additional Detail(s) (Map)

Well Completed Date: 1957/12/04
Year Completed: 1957
Depth (m): 40.2336
Latitude: 45.3019367381276
Longitude: -75.9395943024076
Path: 150\1503020.pdf

Bore Hole Information

Bore Hole ID:	10025063	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	426335.60
Code OB Desc:		North83:	5016922.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	04-Dec-1957 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 930995804
Layer: 4
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 50.0
Formation End Depth: 132.0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930995802			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		42.0			
Formation End Depth:		43.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930995801			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		42.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930995803			
Layer:		3			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		43.0			
Formation End Depth:		50.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961503020			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10573633			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930042908			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		132.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930042907			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		55.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503020			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		75.0			
Recommended Pump Depth:					
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933455852			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		120.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10025063			Tag No:	
Depth M:	40.2336			Contractor:	4825

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Year Completed:	1957			Path:	150\1503020.pdf
Well Completed Dt:	1957/12/04			Latitude:	45.3019367381276
Audit No:				Longitude:	-75.9395943024076

<u>3</u>	1 of 1	NW/95.9	99.9 / -1.03	ON	BORE
Borehole ID:	609668			Inclin FLG:	No
OGF ID:	215511284			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	DEC-1957			Municipality:	
Static Water Level:	-10.0			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.301937
Total Depth m:	40.2			Longitude DD:	-75.939594
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	426336
Drill Method:				Northing:	5016922
Orig Ground Elev m:	102			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	99.3				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218383772			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	12.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY.				
Geology Stratum ID:	218383773			Mat Consistency:	
Top Depth:	12.8			Material Moisture:	
Bottom Depth:	13.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL.				
Geology Stratum ID:	218383775			Mat Consistency:	
Top Depth:	15.2			Material Moisture:	
Bottom Depth:	40.2			Material Texture:	
Material Color:	Black			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE. BLACK. 001200064T 372.0 FEET.LIMESTONE. SEISMIC VELOCITY = 13000. BEDROC **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218383774			Mat Consistency:	
Top Depth:	13.1			Material Moisture:	
Bottom Depth:	15.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY.			

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:		Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 02176 NTS_Sheet:		
Confiden 1:			

Source List

Source Identifier:	1	Horizontal Datum:	NAD27
Source Type:	Data Survey	Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972	Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

<u>4</u>	1 of 1	SW/134.7	100.9 / -0.03	ON	WWIS
Well ID:	7359566			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	Yes
Use 2nd:				Data Src:	
Final Well Status:				Date Received:	27-May-2020 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	C35575			Contractor:	1844
Tag:	A267542			Form Version:	8
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HUNTLEY TOWNSHIP			
Site Info:					

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2020/01/07
Year Completed:	2020
Depth (m):	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Latitude:		45.300218259158			
Longitude:		-75.9394970404877			
Path:					

Bore Hole Information

Bore Hole ID:	1008287073	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	426341.00
Code OB Desc:		North83:	5016731.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	07-Jan-2020 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Links

Bore Hole ID:	1008287073	Tag No:	A267542
Depth M:		Contractor:	1844
Year Completed:	2020	Path:	
Well Completed Dt:	2020/01/07	Latitude:	45.300218259158
Audit No:	C35575	Longitude:	-75.9394970404877

<u>5</u>	1 of 1	ENE/198.8	99.0 / -1.88	Thomas Cavanaugh Construction Ltd. 410 Huntmar Rd Ottawa ON	GEN
Generator No:	ON7832841	Status:			
SIC Code:		Co Admin:			
SIC Description:		Choice of Contact:			
Approval Years:	03,04	Phone No Admin:			
PO Box No:		Contam. Facility:			
Country:		MHSW Facility:			

<u>6</u>	1 of 1	SW/236.3	101.9 / 0.97	UBCJA Local 93 & UBCJA Local 2041 Building Corporation 8560 Campeau Dr Ottawa ON K1P 1J1	ECA
Approval No:	2457-A6TMAW	MOE District:			
Approval Date:	2016-02-16	City:			
Status:	Approved	Longitude:			
Record Type:	ECA	Latitude:			
Link Source:	IDS	Geometry X:			
SWP Area Name:		Geometry Y:			
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS				
Project Type:	INDUSTRIAL SEWAGE WORKS				
Business Name:	UBCJA Local 93 & UBCJA Local 2041 Building Corporation				
Address:	8560 Campeau Dr				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7834-9ZXLFD-14.pdf				
PDF Site Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 5	SE/241.1	99.9 / -1.03	RioCan Management Inc. 333 Huntmar Drive, City of Ottawa, Ontario CITY OF OTTAWA ON	PTTW

EBR Registry No: 011-9265
Ministry Ref No: 0731-986NLG
Notice Type: Instrument\Decision
Notice Stage:
Notice Date: August\16,\2013
Proposal Date: May\30,\2013
Year: 2013
Instrument Type: (OWRA\ss.\s34)\s-\sPermit\sTo\sTake\sWater
Off Instrument Name:
Posted By:
Company Name: RioCan\sManagement\sInc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2300\sYongel\sStreet\s,\sSuite\s500,\sToronto\sOntario,\sCanada\sM4P\s1E4
Comment Period:
URL:

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

Site Location Details:

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

7	2 of 5	SE/241.1	99.9 / -1.03	RioCan Management Inc. 333 Huntmar Dr Ottawa ON M4P 1E4	ECA
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Approval No: 3371-9A5GTU
Approval Date: 2013-08-15
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: RioCan Management Inc.
Address: 333 Huntmar Dr
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/9009-999PHL-14.pdf>
PDF Site Location:

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

7	3 of 5	SE/241.1	99.9 / -1.03	West Ottawa Land Holdings Inc. and West Ottawa Land Holdings (2) Inc. 333 Huntmar Dr Part Lots 3 and 4, Concession 1 Ottawa ON K1V 8Y3	ECA
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Approval No: 6288-A2GGL2
Approval Date: 2015-09-28
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: West Ottawa Land Holdings Inc. and West Ottawa Land Holdings (2) Inc.
Address: 333 Huntmar Dr Part Lots 3 and 4, Concession 1
Full Address:

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/2753-9YLJRZ-14.pdf			
PDF Site Location:					
7	4 of 5	SE/241.1	99.9 / -1.03	RioCan Management Inc. 333 Huntmar Dr Ottawa ON M4P 1E4	ECA
Approval No:	4648-A2KQFP			MOE District:	
Approval Date:	2015-09-28			City:	
Status:	Revoked and/or Replaced			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	RioCan Management Inc.				
Address:	333 Huntmar Dr				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2940-9YLLVJ-14.pdf				
PDF Site Location:					
7	5 of 5	SE/241.1	99.9 / -1.03	RioCan Management Inc. 333 Huntmar Dr Ottawa ON M4P 1E4	ECA
Approval No:	8617-AHGRV5			MOE District:	
Approval Date:	2017-01-13			City:	
Status:	Approved			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	RioCan Management Inc.				
Address:	333 Huntmar Dr				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0142-ABJN8A-14.pdf				
PDF Site Location:					
8	1 of 1	ENE/244.1	98.6 / -2.34	Miller Waste Solutions Group Inc. 215 Mission Trail Crescent Ottawa ON	SPL
Ref No:	4645-BT2SDM			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2020/09/01			Health/Env Conseq:	2 - Minor Environment
Year:				Client Type:	Other (Describe)
Incident Cause:				Sector Type:	Unknown / N/A
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	HYDRAULIC OIL			Site Address:	215 Mission Trail Crescent
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	n/a			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Land			Northing:	5016937.75
MOE Response:	No			Easting:	426636.92
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	Map

<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>
MOE Reported Dt:	2020/09/01			Site Map Datum:	
Dt Document Closed:	2020/09/21			SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure			Source Type:	Motor Vehicle
Site Name:	roadway<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:	10 -100 metres eg. Topographic Map				
Incident Summary:	Miller Waste: 25L hydraulic oil to road, cleaning				
Contaminant Qty:	25 L				

Unplottable Summary

Total: 2 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
ECA	City of Ottawa	Campeau Dr	Ottawa ON	K2G 6J8
EHS		North & South of Palladium Dr	West Carleton Twp / Kanata ON	

Unplottable Report

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

Database:
ECA

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

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

Site: North & South of Palladium Dr West Carleton Twp / Kanata ON

Database:
EHS

Order No: 20010614002
Status: C
Report Type: Custom Report
Report Date: 6/18/01
Date Received: 6/14/01
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 4.75
X: -75.926941
Y: 45.295955

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Nov 2021

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999-May 31, 2022

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2020

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-May 31, 2022

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 -Apr 2022

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Jun 2022

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - Jun 30, 2022

Drill Hole Database:

Provincial [DRL](#)

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks:

Provincial [DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011- Jun 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 - Jun 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- Jun 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-Mar 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: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial **EPAR**

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

Government Publication Date: Jan 1, 2011 - Dec 31, 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-Jun 2022

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial **FST**

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

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

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic:

Provincial

[FSTH](#)

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

[GEN](#)

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

Government Publication Date: 1986-Apr 30, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents:

Provincial

[HINC](#)

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

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

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

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

Government Publication Date: Mar 21, 2022

Canadian Mine Locations:

Private

[MINE](#)

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial [MNR](#)

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

Government Publication Date: 1846-Feb 2022

National Analysis of Trends in Emergencies System (NATES):

Federal [NATE](#)

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial [NCPL](#)

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

Government Publication Date: Dec 31, 2020

National Defense & Canadian Forces Fuel Tanks:

Federal [NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal [NDSP](#)

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal [NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal [NEBI](#)

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal [NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

[NPCB](#)

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

[NPRI](#)

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

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

Government Publication Date: 1988-May 31, 2022

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

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

Government Publication Date: 1800-Jan 2021

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

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

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

Orders:

Provincial

[ORD](#)

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

Government Publication Date: 1994 - Jun 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- Jun 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 all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Jun 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-Jun 2022

Retail Fuel Storage Tanks:

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-May 31, 2022

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

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

Wastewater Discharger Registration Database:

Provincial [SRDS](#)

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

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks:

Private [TANK](#)

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal [TCFT](#)

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

Government Publication Date: 1970 - Dec 2020

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- Jun 30, 2022

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial [WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30th, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial [WWIS](#)

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

Government Publication Date: Jan 31, 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.

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

POSITION

Intermediate Environmental Engineer - Level II

EDUCATION

Carleton University, B.Eng., 2015
Environmental Engineering

MEMBERSHIPS & AWARDS

Professional Engineers of Ontario (P.Eng.)

EXPERIENCE

2018 – Present

Paterson Group Inc.

Consulting Engineers
Geotechnical and Environmental Division
Intermediate Environmental Engineer

2013 – 2018

InAIR Environmental Limited

Environmental Consulting Firm
Environmental Consultant and Project Manager

SELECT LIST OF PROJECTS

Designated Substance Surveys – Residential and Commercial Sites – Ottawa
Asbestos Air Testing – Residential and Commercial Sites – Ottawa
Mould Testing – Residential and Commercial Sites Locations
Phase I Environmental Site Assessments – Residential and Commercial Sites –
Ottawa (CSA Z768-01 & MECP)
Contaminated Soil and Groundwater Sampling – Various Sites – Ottawa
Remediation Programs – Various Sites - Ottawa

Mark S. D'Arcy, P.Eng., QP^{ESA} Senior Environmental/Geotechnical Engineer

After receiving his Bachelors of Applied Science from Queen's University in 1991 in Geological Engineering, Mark joined Paterson Group Inc. During the first 10 years of Mark's career, he was heavily involved in all aspects of field work, including drilling boreholes, excavating test pits, conducting phase I site inspections, environmental sampling and analysis and inspection of environmental remediations. During Mark's field experience, he gained invaluable field and office experience, which would prepare Mark to become the Environmental Division Manager. Mark's field experience ranges from Phase I Environmental Site Assessments (ESAs) to on-site soil and groundwater remediations, as well as, environmental/geotechnical borehole investigations. Mark's field experience has provided extensive knowledge of subsurface conditions, contractor relations and project management. These skills would provide Mark with the ability to understand a variety of situations, which has lead Paterson to an extremely successful Environmental Department. Mark became the Environmental Manager in 2006, which consisted of two engineers and two field technicians. Mark has been an integral part in growing the Environmental Division, which now consists of nine engineers and three field technicians. Mark is the Senior Project Manager for a wide variety of environmental projects within the Eastern Ontario area including Phase I ESAs, Phase II ESAs, remediations for filing Records of Site Condition in the Ontario Ministry of the Environment and Climate Change (MOECC) Environmental Site Registry, Brownfield Applications and Landfill Monitoring Programs. As the Senior Project Manager, Mark is responsible for directing project personnel, final report review and overall project success. Mark has proven leadership and ability to manage small to large scale projects within the allotted time and budget.

EDUCATION

B.A.Sc. 1991, Geological Engineering, Queen's University, Kingston, ON

LICENCE/ PROFESSIONAL AFFILIATIONS

Professional Engineers of Ontario

ESA Qualified Person with MECF

Ottawa Geotechnical Group

Consulting Engineers of Ontario

YEARS OF EXPERIENCE

With Paterson: 30

OFFICE LOCATION

154 Colonnade Road South,
Nepean, Ontario, K2E 7J5

SELECT LIST OF PROJECTS

- 222 Beechwood Avenue, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 409 MacKay Street, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Art's Court Redevelopment, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Visitor Welcome Centre, Phase II and Phase III, Parliament Hill, Ottawa, Ontario (Senior Project Manager for Environmental Remediation)
- Mattawa Landfill, Mattawa, Ontario (Senior Project Manager, Annual Water Quality Monitoring report)
- Multi-Phase Redevelopment of the Ottawa Train Yards, Ottawa, Ontario (Senior Project Manager)
- Rideau Centre Expansion, Ottawa, Ontario(Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 26 Stanley Avenue, Ottawa, Ontario, Phase I ESA, Phase II ESA (Senior Project Manager)
- Riverview Development – Kingston, Ontario, Phase I ESA, Phase II ESA, and filing of an RSC in the MOECC Environmental Site Registry (Senior Project Manager)
- Monitoring Landfills for River Valley, Kipling and Lavagine (Senior Project Manager)
- Energy Services Acquisition Program–Modernization Project–Ottawa; Environmental Services (Senior Project Manager)

PROFESSIONAL EXPERIENCE

May 2001 to present, **Manager of Environmental Division, Paterson Group Inc.,**
Ottawa, Ontario

- Manage all aspects of the environmental division (management of personnel, budgeting, invoicing, scheduling, business development, reporting, marketing, and fieldwork).
- Review day to day operations within the environmental division.
- Design, perform, and lead Phase I, II and Phase III ESAs, Remediation's, Brownfield Applications and Record of Site conditions, fieldwork surveys, excavation, monitoring, laboratory analysis, and interpretation.
- Write, present, and publish reports with methodology and laboratory analysis results, along with recommendations for environmental findings.
- Responsible for ensuring projects meet Ministry of Environment and Climate Change Standards and Guidelines.
- Building and fostering relationships with clients, stakeholders, and Ministry officials.
- Supervise and continuous training of staff in environmental methods (environmental sampling techniques, technical expertise and guidance).
- Applied due diligence in ensuring the health and safety of staff and the public in field locations.

1991 to 2001, **Geotechnical and Environmental Engineer, Paterson Group Inc.,** Ottawa, Ontario

- Provide on-site geotechnical and environmental expertise to various clients.
- Oversee geotechnical and environmental investigations for drilling and test pitting on numerous proposed utility installations, residential and commercial developments.
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations to meet environmental standards set by MOE and CCME standards.
- Conduct site inspections, bearing medium evaluations, bearing surface inspections, concrete testing and field density testing.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for geotechnical and environmental field programs and construction costs.
- Review RFI's, submittals, monthly progress reports and other various construction related work.