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Phase I-Environmental Site Assessment

2458 Cleroux Crescent,
Ottawa, Ontario

Prepared For

Melmar Group

March 8, 2022

Report: PE5642-1

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Melmar Group to conduct a Phase I-Environmental Site Assessment (ESA) for the property addressed 2458 Cleroux Crescent, in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the Phase I Property and the Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical research, the Phase I Property was developed with the present-day residential dwelling sometime between the mid-1950s and early 1960s. The Phase I Property has always been used for residential purposes. No on-site potentially contaminating activities (PCAs) were identified with the former use of the Phase I Property.

The historical use of the surrounding lands consisted of residential properties and agricultural fields. No historical off-site PCAs were identified on properties within the Phase I Study Area. The ERIS report did not identify any off-site PCAs within the study area.

Following the historical research, a site visit was conducted. The Phase I Property is currently occupied by the original 1950s residential dwelling. Neighbouring land use in the Phase I Study Area consists primarily of residential with some institutional land use. There were no PCAs identified with the current use of the Phase I Property or the properties within the study area.

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

Recommendations

Based on the age of the subject building, potentially asbestos containing materials (ACMs) maybe present in the subject building, which include vinyl floor tiles, drywall joint compound, ceiling stipple, and plaster. Lead-based paints may also be present in the subject building. Prior to any disturbance of potentially hazardous building materials, a designated substance survey (DSS) must be conducted on the existing structure, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

1.0 INTRODUCTION

At the request of Melmar Group, Paterson Group (Paterson) conducted a Phase I-Environmental Site Assessment (Phase I-ESA) for 2458 Cleroux Crescent, 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 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. Mark Nakhle, with Melmar Group. The head office is located at 267 Gracewood Crescent, Ottawa, Ontario. Mr. Nakhle can be reached by telephone at (613) 869-2800.

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, and also 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.

2.0 PHASE I PROPERTY INFORMATION

Address:	2458 Cleroux Crescent, Ottawa, Ontario
Location:	The Phase I Property is located on the south side of Cleroux Crescent, approximately 95 m south of Orient Drive, in the City of Ottawa, Ontario. For the purpose of this assessment Cleroux Crescent is considered to run east to west. Refer to Figure 1 - Key Plan in Appendix 1 for the site location.
Latitude and Longitude:	45° 26' 11" N, 75° 32' 52" W

Site Description:

Configuration:	Irregular
Area:	1,400 m ² (approximately)
Zoning:	R4Z – Residential Zone.
Current Use:	The Phase I Property is currently occupied by a single-storey residential dwelling.
Services:	The Phase I Property is situated in a municipally serviced 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 Phase I Property 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 Property and study area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the Phase I 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 Property based on their significant separation distance.

First Developed Use Determination

Based on a review of the 1952 and 1965 aerial photographs, the Phase I Property was developed between the mid-1950s and 60s. Based on the 1965 aerial photograph, the Phase I Property was used for residential purposes. Although the exact year of first developed use of the Phase I Property is not known, for the purpose of this assessment, the Phase I Property is considered to have been first developed for residential use in 1965.

Fire Insurance Plans

Fire Insurance Plans (FIPs) are not available for the area of the subject site.

City of Ottawa Street Directories

City Directories from 1979 to 2010 were reviewed in approximate 10 year intervals for the area of the subject property. The Phase I Property was not listed under private individuals since 1996. No listings were available prior to 1996. Surrounding properties are listed as residential. The directories search did not identify any potential environmental concerns with respect to the subject site or surrounding properties.

Chain of Title

Paterson did not request a Chain of Title for the subject site as it was determined, based on aerial photographs, that the subject site has always existed as residential land since 1965.

4.2 Environmental Source Information

Environment Canada

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

PCB Inventory

A search of national and 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 February 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. A copy of the MECP search results will be forwarded to the client if there is any pertinent information regarding the Phase I Property.

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. A copy of the MECP search results will be forwarded to the client if there is any pertinent information regarding the Phase I Property.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records as part of this assessment. A response from the MECP had not been received at the time this report was issued. A copy of the MECP search results will be forwarded to the client if there is any pertinent information regarding the Phase I Property.

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 part of this assessment. A response from the MECP had not been received at the time this report was issued. A copy of the MECP search results will be forwarded to the client if there is any pertinent information regarding the Phase I Property.

MECP Brownfields Environmental Site Registry (ESR)

A search of the MECP Brownfields Environmental Site Registry was conducted for the Phase I Property and neighbouring properties within the Phase I Study Area. No Records of Site Condition (RSCs) were filed for the Phase I Property or the 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 active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. No former waste disposal sites were identified within the Phase I Study Area.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto, was contacted on February 26, 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 Property or within the Phase I Study Area. A copy of the TSSA correspondence is provided in Appendix 2.

City of Ottawa Historical Land Use Inventory (HLUI)

A search request for the City of Ottawa's Historical Land Use Inventory (HLUI) database was requested as part of this assessment. A response from the City had not been received at the time this report was issued. A copy of the HLUI search results will be forward to the client if there is any pertinent information regarding the Phase I Property.

Environmental Risk Information Services (ERIS) Report

An ERIS (Environmental Risk Information Service) Report was obtained for the Phase I Property and properties within the 250 m study area.

According to the ERIS report, no records were identified for 2458 Cleroux Crescent. The ERIS search did not reveal any off-site records that would be considered PCAs and as such, there are no APECs on the Phase I Property.

A copy of the ERIS report is included in Appendix 2.

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:

- | | |
|------|--|
| 1952 | (Poor scale and quality) Residential properties can be seen in the area of the subject property, across Cleroux Crescent, however the subject land is undeveloped and vacant at this time. Cléroux Crescent and Navan Road to the southeast are connected as the Blackburn Hamlet Bypass has not been constructed at this time. Properties on the south side of Navan Road/Cleroux Crescent are used for agricultural purposes at this time. |
| 1965 | The Phase I Property appears to be occupied by the present-day residential dwelling. The surrounding lands appear to be used for residential and agricultural purposes. |
| 1978 | The Phase I Property appears unchanged, while lands further north are developed with additional residential dwellings. |
| 1991 | No significant changes appear to have been made to the Phase I Property. The neighbouring land to the west has been redeveloped at this time with a residential building. Blackburn Hamlet Bypass is present at this time. Surroundings lands to the west and north are densely occupied by residences, while lands to the south remain agricultural fields. |
| 2002 | No significant changes are apparent on the Phase I Property or the surrounding lands. |

- 2011 The Phase I Property and surrounding properties within the Phase I Study Area remain unchanged from the previous photograph.
- 2019 The Phase I Property and surrounding lands remain unchanged from the previous photograph.

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 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 Property slopes down in a southeasterly direction. 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 document entitled ‘Urban Geology of the National Capital Area’, was reviewed as a part of this assessment. According to the mapping, bedrock consists of middle-upper Ordovician interbedded limestone and shale of the Lindsay Formation. Overburden soils consist nearshore marine deltaic and estuarine sediments (silts and sands) on the northern portion of the subject site, and offshore marine sediments (silts and clays) on the southern portion of the subject site. The drift thickness on the site is on the order of 25 to 50 m.

Water Well Records

A well record search was conducted on March 1, 2022 for all drilled wells within 250 m of the Phase I Property. No well records were identified on the Phase I Property.

The search returned 7 well records, all of which were domestic wells located along Cleroux Crescent and drilled between 1951 to 1966 to depths ranging from 20 to 53 m below the ground surface. Based on these well records, the stratigraphy in the study area consists of clay, followed by shale and/or limestone bedrock.

Bedrock was encountered at depths ranging from 28 to 32 m below ground surface. 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 and Water Bodies

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

5.0 INTERVIEWS

Property Owner Representative

As part of this assessment, Mr. Mark Nakhle of Melmar Group and the current occupant was interviewed as part of this assessment on March 1, 2022.

The Phase I Property has always been used for residential purposes since the 1950s, prior to which, it was used as an agricultural field. The majority of the building materials are original, except for the roof, light fixtures and bathroom. No designated substance or asbestos survey has been conducted to date. The occupant is not aware of any other potential environmental concerns. Any other pertinent information obtained during the interview has been included in the relevant sections of this report.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site visit was conducted on March 1, 2022 by Ms. Mandy Witteman with Paterson's Environmental Department. 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.

6.2 Specific Observations at the Phase I Property

Buildings and Structures

The Phase I Property is currently occupied by a single-storey residential dwelling which was constructed sometime in the 1950s. The exterior is finished in vinyl siding with a sloped metal style roof. The dwelling is heated by a natural gas-fired furnace.

Site Features

The majority of the Phase I Property is landscaped with trees bordering the north, west and south property boundaries. The driveway fronting Cleroux Crescent is paved. The site topography is relatively flat and is at a similar grade to the adjacent properties.

Site drainage consists of infiltration on the landscaped areas of the site with sheet runoff on the paved area to catch basins along Cleroux Crescent. No standing water or evidence of surficial staining was observed on the exterior of the Phase I Property at the time of the site visit.

No aboveground storage tanks (ASTs) or evidence of underground storage tanks (USTs) or other below ground structures were observed on the subject land at the time of the site visit.

No evidence of recent excavation, fill material, current or former railway or spur lines or unidentified substances were observed on the Phase I Property at the time of the site visit.

The Phase I Property is situated in a municipally serviced area. There were no potable wells observed on the Phase I Property or on other properties within the Phase I Study Area, at the time of the site visit. The above-noted site features are shown on Drawing PE5642-1 - Site Plan.

Subsurface Services and Utilities

Other than the basement beneath the subject building, there are no subsurface structures at the Phase I Property, except underground utilities at the Phase I Property include electricity, natural gas and municipal water and sewer that enter the Phase I Property from Cleroux Crescent.

Interior Assessment

The interior of the subject building is as follows:

- The floors consist of hardwood floors, ceramic tiles, vinyl flooring and concrete.
- The walls consist of drywall, hard plaster and concrete blocks.
- The ceilings consist of ceiling stipple and drywall.
- Lighting throughout the building is provided by incandescent light fixtures.

Potentially Hazardous Building Products

Asbestos Containing Materials (ACMs) and Lead-Based Paint

Based on the age of the subject building (1950s), asbestos containing materials and lead based paints may be present within the structure.

Urea Formaldehyde Foam Insulation (UFFI)

Based on the age of the structure, UFFI may be present within the building, however, wall cavities were not inspected for insulation type at the time of the site inspection.

PCBs

PCBs are not expected to be present within the structure.

Other Potential Environmental Concerns

Fuels and Chemical Storage

No signs of an AST or UST were noted in the interior of the subject building. Chemical storage at the Phase I Property was limited to domestically available cleaning products, stored in their original containers.

No hazardous chemicals or spills were observed at the time of the site inspection. No concerns were identified with respect to chemical storage on the Phase I Property

Wastewater Discharges

Wastewater from the subject building, which includes washwater and sewage, is discharged from the subject building into the City of Ottawa sanitary sewer system.

No sump pit was noted except a floor drain, which appeared to be dry with no apparent odour. No concerns were identified with respect to wastewater discharges on the Phase I Property.

Ozone Depleting Substances (ODSs)

Potential sources of ODSs observed on site included fire extinguishers, refrigerators, and an air conditioning unit. These appliances appeared to be in good condition at the time of the site inspection and should be serviced by a licenced contractor on a regular basis.

Neighbouring Properties

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

- North: Cleroux Crescent, followed by residential dwellings;
- South: Vacant land, followed by agricultural lands;
- East: Residential dwellings; and
- West: Residential dwellings.

Land use within the Phase I Study Area (250 m radius) consists of residential and agricultural lands. No existing off-site PCAs were identified at the time of the site visit. Surrounding land use is shown on Drawing PE5642-2 – Surrounding Land Use Plan.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The Phase I Property was developed in the 1950s with the present-day residential dwelling and has remained residential. There has been no change in land use since its first developed use.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Based on the historical review and current use of the Phase I Property and properties within the Phase I Study Area, there are no potentially contaminating activities (PCAs), and as such no areas of potential environmental concern (APECs) on the Phase I Property.

Contaminants of Potential Concern

Based on the findings of the Phase I ESA, there are no contaminants of potential concern (CPCs) on the Phase I Property.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

According to the Geological Survey of Canada website, the bedrock in the area of the Phase I Property is reported to consist of interbedded shale and limestone of the Lindsay Formation. Overburden soils consist nearshore marine deltaic and estuarine sediments (silts and sands) on the northern portion of the subject site, and offshore marine sediments (silts and clays) on the southern portion of the subject site. The drift thickness on the site is on the order of 25 to 50 m.

Based on the regional topography, the groundwater flow beneath the Phase I Property is inferred to be in a southeasterly direction.

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 within the Phase I Study Area.

Drinking Water Wells

There are no potable water wells on the Phase I Property, nor are they expected to be present as the subject land is situated in a municipally serviced area.

Existing Buildings and Structures

The Phase I Property is currently occupied by a single-storey residential dwelling which was constructed sometime in the 1950s. The exterior is finished in vinyl siding with a sloped metal style roof. The dwelling is heated by a natural gas-fired furnace.

Subsurface Structures and Utilities

Other than the basement beneath the subject building, there are no subsurface structures at the Phase I Property, except underground utilities at the Phase I Property include electricity, natural gas and municipal water and sewer that enter the Phase I Property from Cleroux Crescent.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area consists primarily of residential with some institutional/community properties.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of this report, there are no potentially contaminating activities (PCAs), and as such no areas of potential environmental concern (APECs) on the Phase I Property.

Contaminants of Potential Concern

As per Section 7.1, there are no contaminants of potential concern (CPCs) on or beneath 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 PCAs or APECs.

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.

8.0 CONCLUSIONS

8.1 Assessment

Paterson Group was retained by Melmar Group to conduct a Phase I-Environmental Site Assessment (ESA) for the property addressed 2458 Cleroux Crescent, in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the Phase I Property and the Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical research, the Phase I Property was developed with the present-day residential dwelling sometime between the mid-1950s and early 1960s. The Phase I Property has always been used for residential purposes. No on-site potentially contaminating activities (PCAs) were identified with the former use of the Phase I Property.

The historical use of the surrounding lands consisted of residential properties and agricultural fields. No historical off-site PCAs were identified on properties within the Phase I Study Area. The ERIS report did not identify any off-site PCAs within the study area.

Following the historical research, a site visit was conducted. The Phase I Property is currently occupied by the original 1950s residential dwelling. Neighbouring land use in the Phase I Study Area consists primarily of residential with some institutional land use. There were no PCAs identified with the current use of the Phase I Property or the properties within the study area.

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

8.2 Recommendations

Based on the age of the subject building, potentially asbestos containing materials (ACMs) maybe present in the subject building, which include vinyl floor tiles, drywall joint compound, ceiling stipple, and plaster. Lead-based paints may also be present in the subject building. Prior to any disturbance of potentially hazardous building materials, a designated substance survey (DSS) must be conducted on the existing structure, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

9.0 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, as well as CSA Z768-01 (reaffirmed 2016). 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 Phase I Property and/or historical information that differ from our findings, we request that we be notified immediately in order to allow for a reassessment.

This report was prepared for the sole use of Melmar Group. Permission and notification from the Melmar Group and Paterson will be required to release this report to any other party.

Paterson Group Inc.



Mandy Witteman, B.Eng., M.A.Sc.



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



Report Distribution:

- Melmar Group
- Paterson Group

10.0 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

Local Information Sources

Personal Interviews.

Public Information Sources

Google Earth.
Google Maps/Street View.

Private Information Sources

ERIS Report

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5642-1 – SITE PLAN

DRAWING PE5642-2 – SURROUNDING LAND USE PLAN

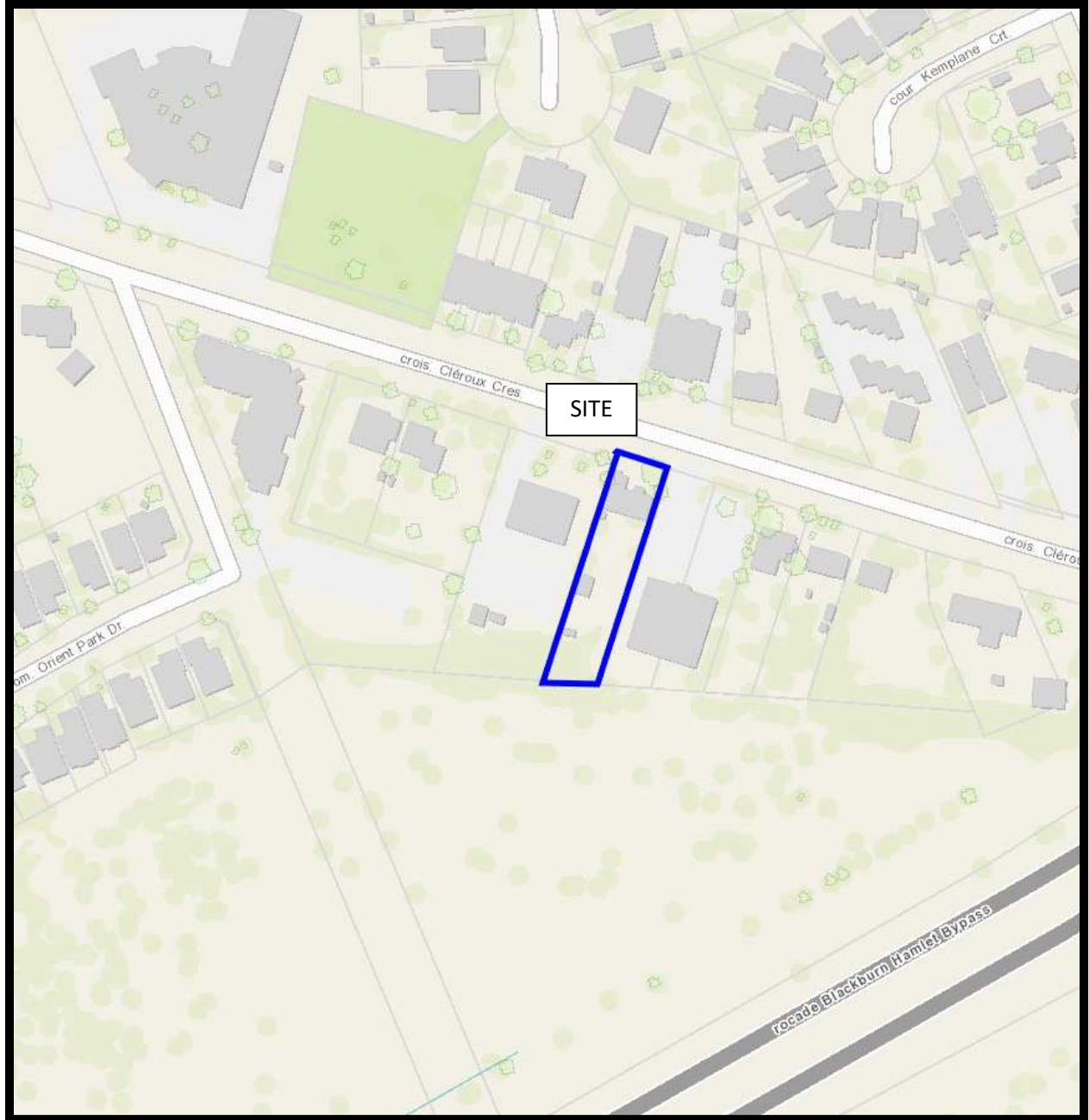


FIGURE 1
KEY PLAN

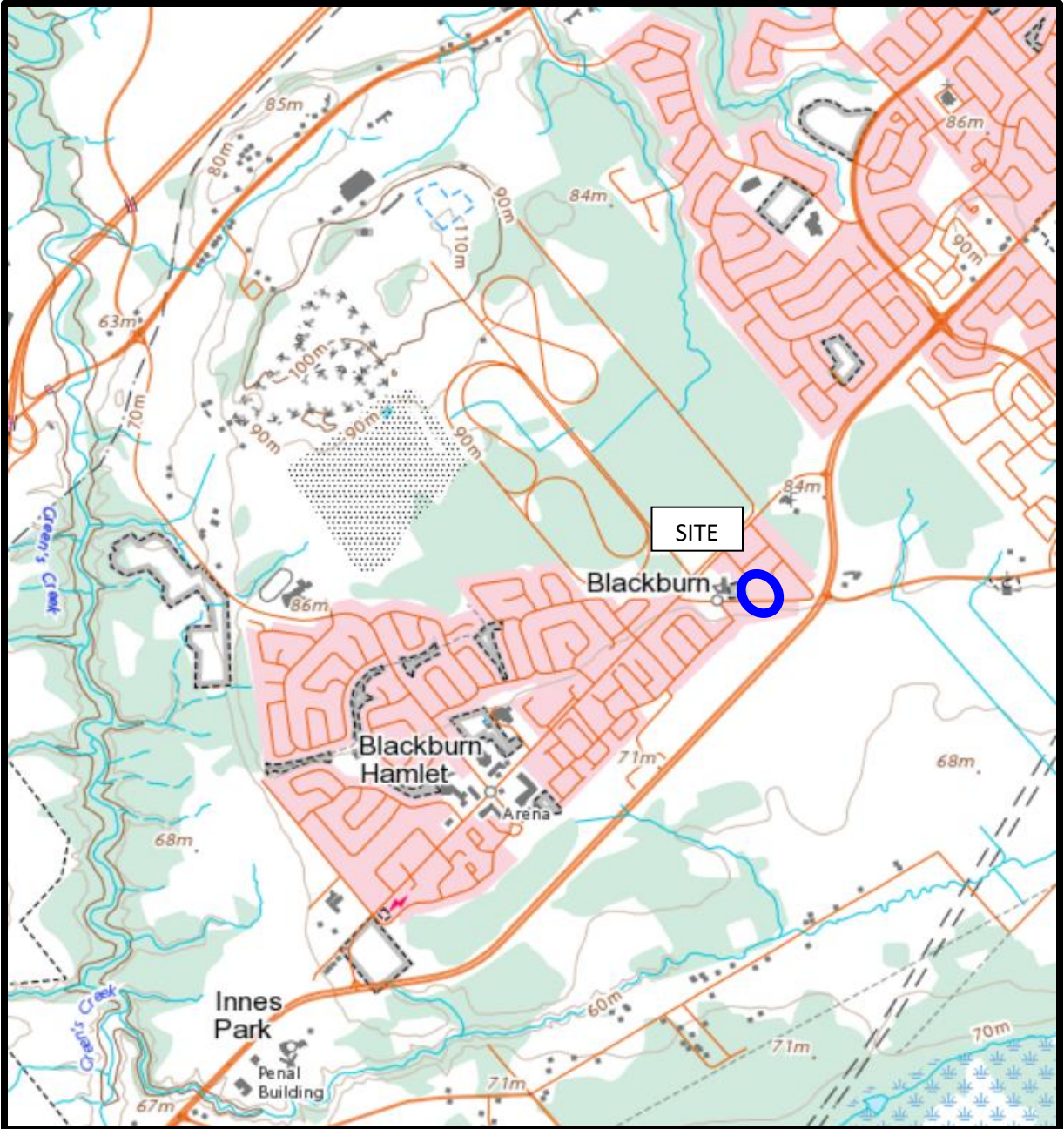
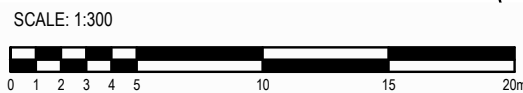
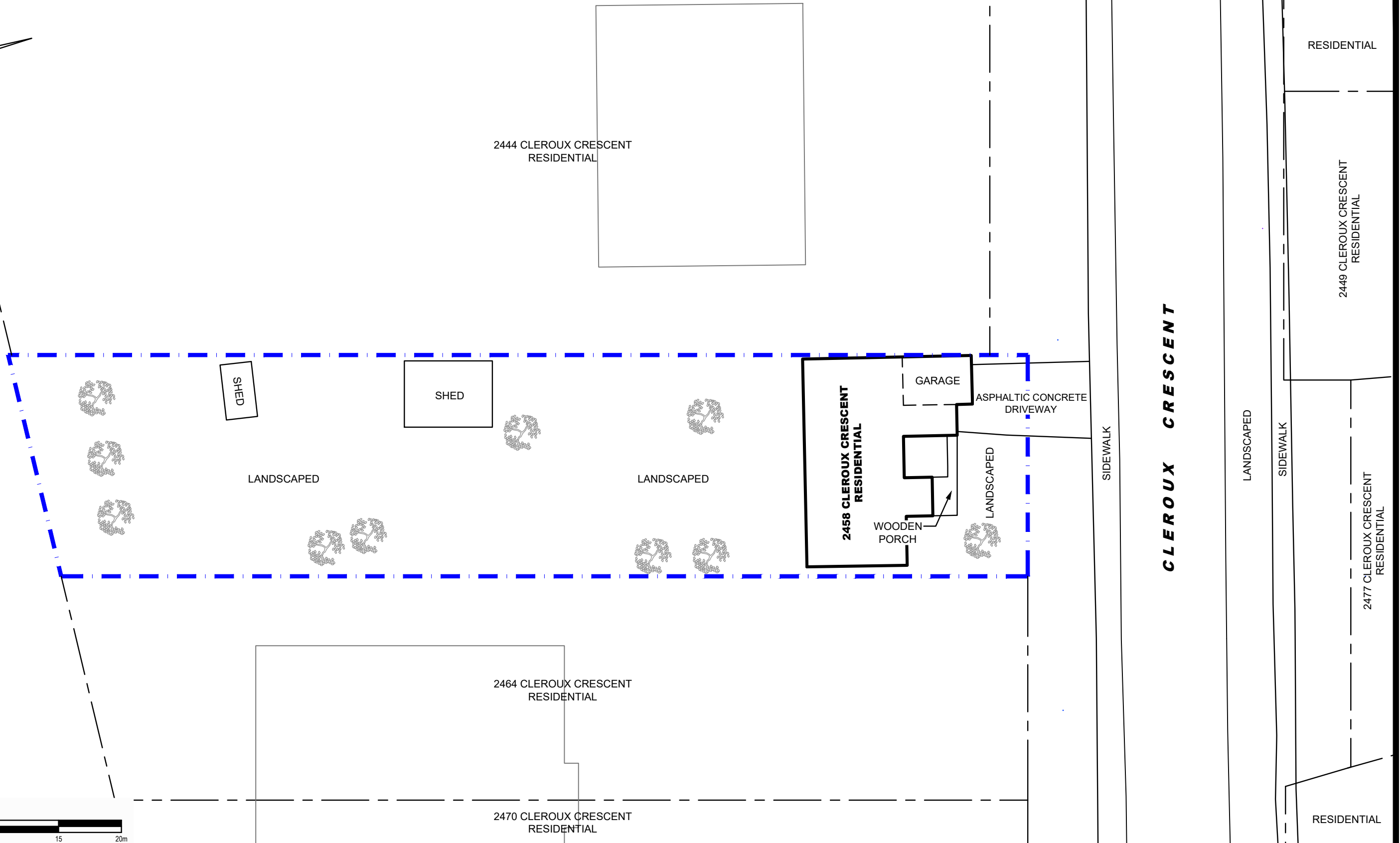
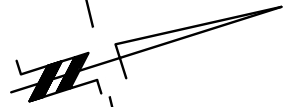


FIGURE 2
TOPOGRAPHIC MAP



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 consulting engineers

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NO.	REVISIONS	DATE	INITIAL

MELMAR GROUP
 PHASE I - ENVIRONMENTAL SITE ASSESSMENT
 2458 CLEROUX CRESCENT

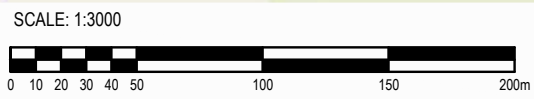
OTTAWA, ONTARIO

Title: **SITE PLAN**

Scale: 1:300
 Drawn by: JM
 Checked by: MW
 Approved by: MSD

Date: 03/2022
 Report No.: PE5642-1
 Dwg. No.: **PE5642-1**
 Revision No.:

p:\autocad\drawings\environmental\pe5642\pe5642-1 site plan.dwg



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NO.	REVISIONS	DATE	INITIAL

MELMAR GROUP
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
2458 CLEROUX CRESCENT
OTTAWA, ONTARIO
Title: **SURROUNDING LAND USE PLAN**

Scale: 1:3000
Drawn by: JM
Checked by: MW
Approved by: MSD

Date: 03/2022
Report No.: PE5642-1
Dwg. No.: **PE5642-2**
Revision No.:

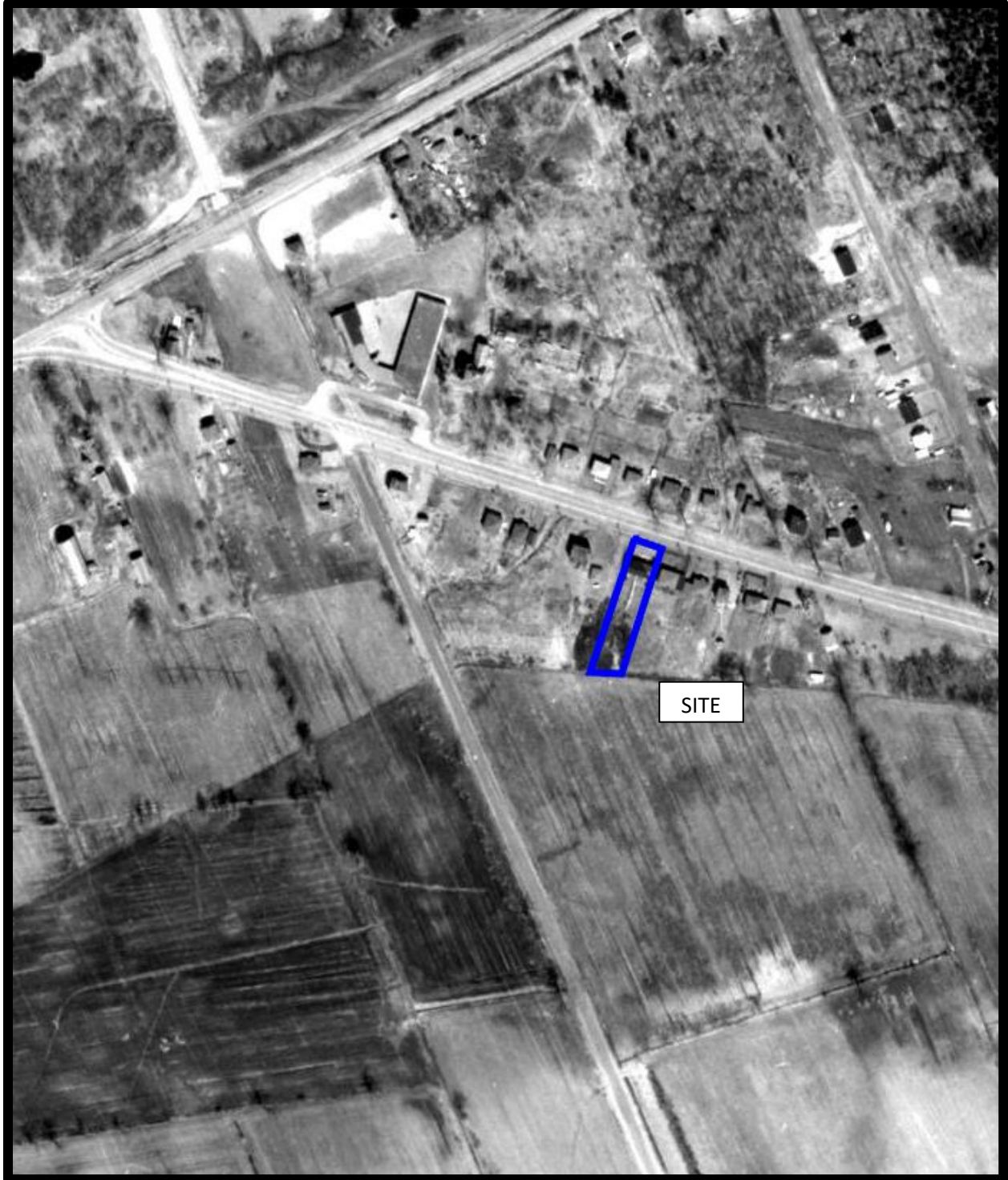
APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS



AERIAL PHOTOGRAPH
1952



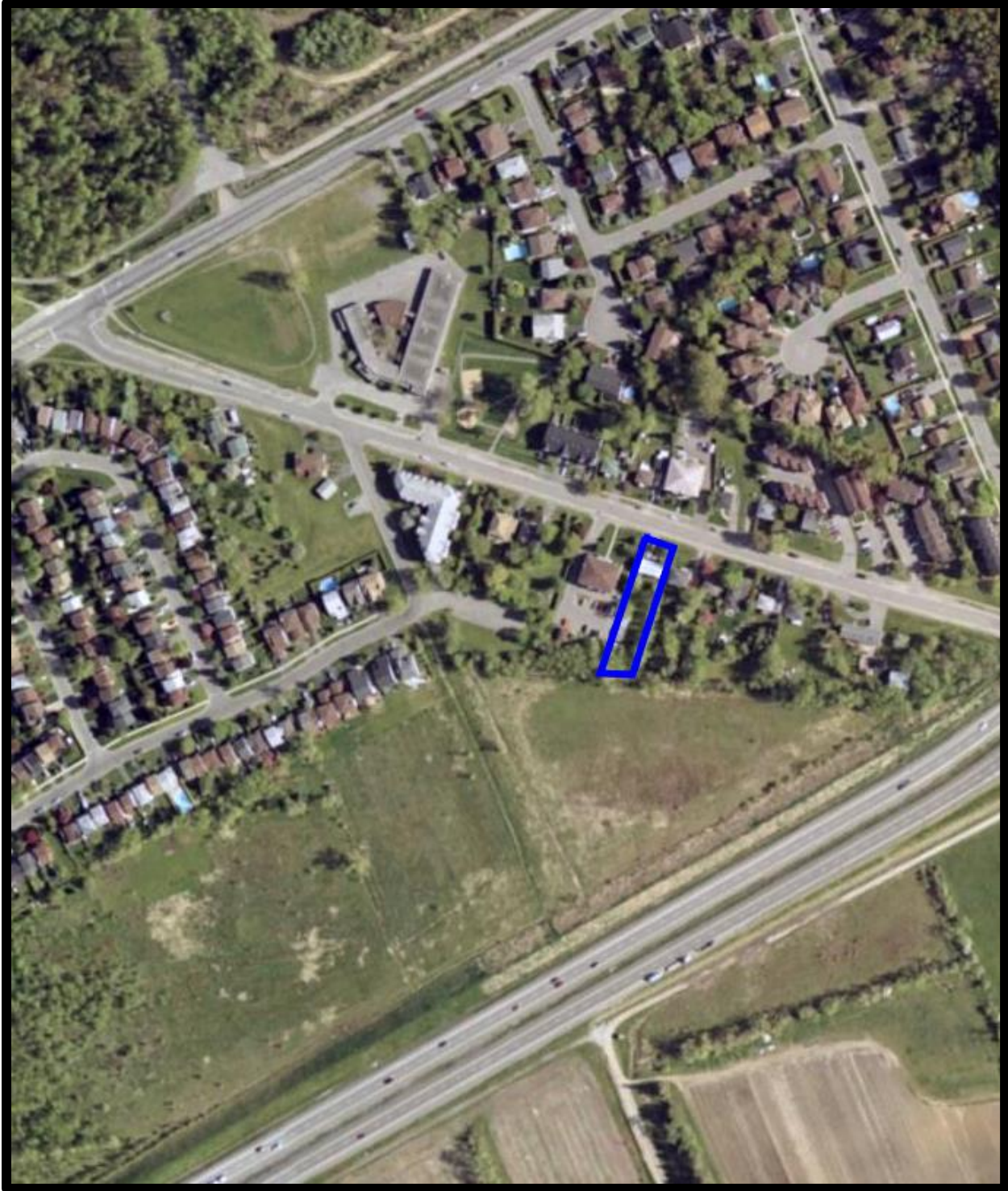
AERIAL PHOTOGRAPH
1965



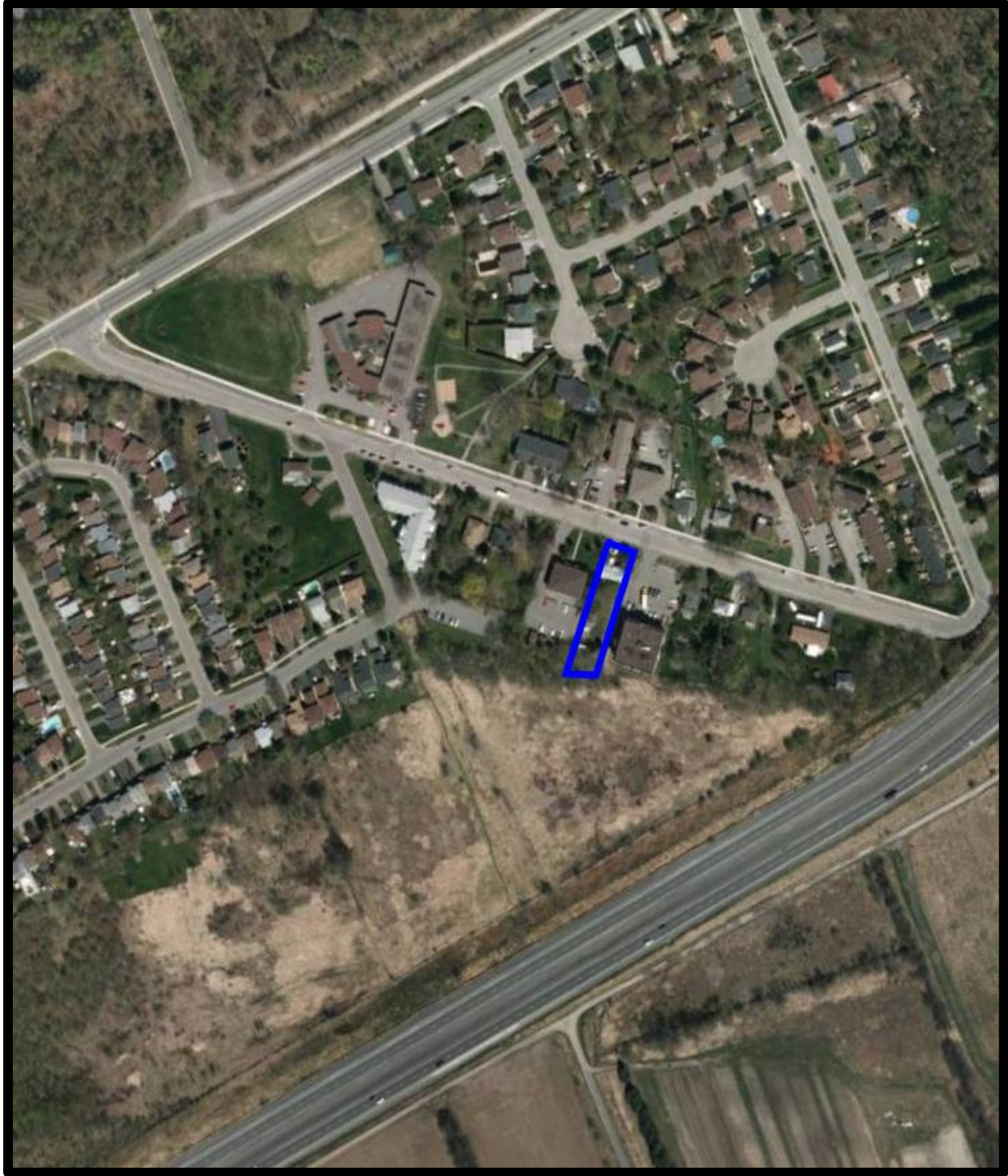
AERIAL PHOTOGRAPH
1978



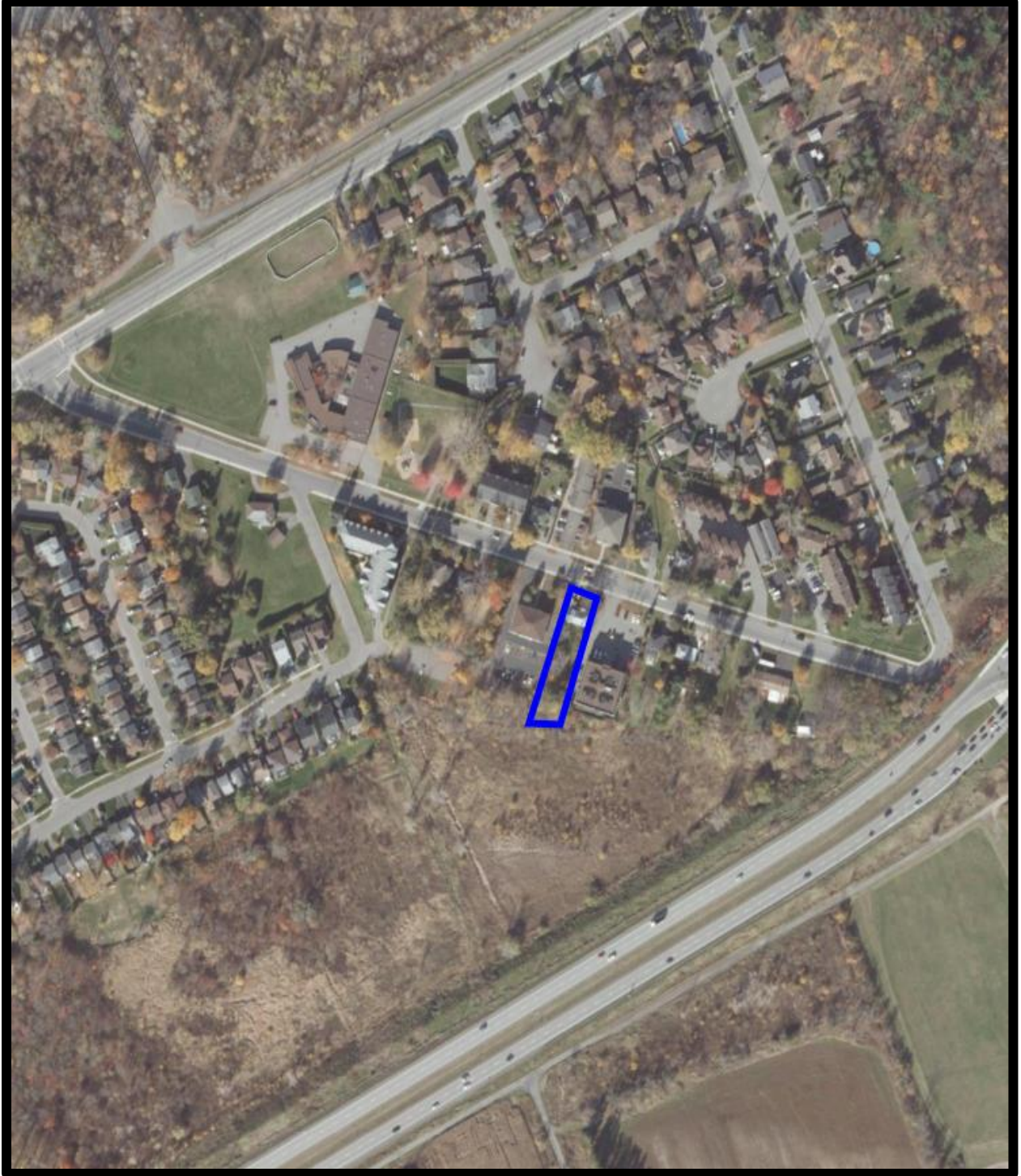
AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
2002



AERIAL PHOTOGRAPH
2011



AERIAL PHOTOGRAPH
2019

Site Photographs

PE5642

2458 Cleroux Crescent– Ottawa, ON

March 8, 2022



Photograph 1: The subject building at 2458 Cleroux, looking south.

APPENDIX 2

MECP FREEDOM OF INFORMATION

MECP WELL RECORDS

TSSA RESPONSE

HLUI RESPONSE

ERIS REPORT

UTM 18 457240 E 31G5h
 9R 5031270 N
 Elev. 9R 0270
 Basin 25



15 No 1 N. 6

RECEIVED
 83 APR - 1 1952
 GEOLOGICAL BRANCH
 DEPARTMENT of MINES

The Well Drillers Act
 Department of Mines, Province of Ontario

Water Well Record

Township, Village, Town or City *Gloucester*
 Town or City *Bloubaar*
Bloubaar Ont
 Date Completed *Oct 8 1951* Cost of well (excluding pump)

Pipe and Casing Record

Pumping Test

Casing diameter(s) <i>4 inch</i>	Date
Length(s) of casing(s) <i>115 feet</i>	Static level <i>63 feet</i>
Type of screen	Pumping level <i>79 feet</i>
Length of screen	Pumping rate
Distance from top of screen to ground level	Duration of test
Is well a gravel-wall type?	Distance from cylinder or bowls to ground level

Water Record

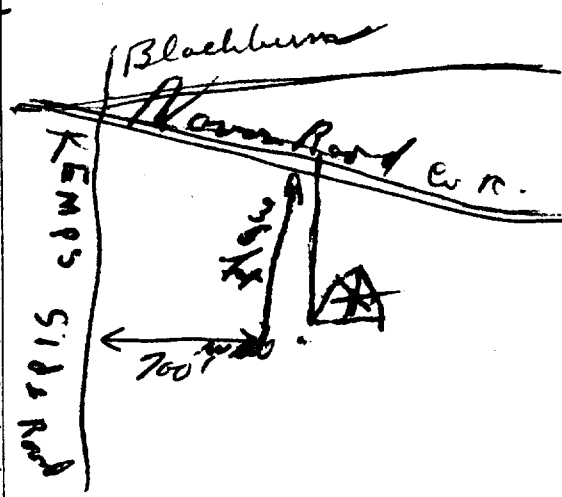
Kind (fresh or mineral) <i>Mineral</i>	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur, etc.) <i>Sulphur</i>	<i>80 feet</i>	<i>Sulphur</i>	<i>15</i>
Appearance (clear, cloudy, coloured) <i>Clear</i>			
For what purpose(s) is the water to be used? <i>House hold use only</i>			
How far is well from possible source of contamination? <i>33 feet R. Ditch</i>			
What is the source of contamination? <i>Road ditch of way</i>			
Enclose a copy of any mineral analysis that has been made of water			

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	...ft.
<i>Red Clay</i>	<i>0</i>	<i>18</i>
<i>Blue Clay</i>	<i>18</i>	<i>93</i>
<i>Hard pdr</i>	<i>93</i>	<i>115</i>
<i>red</i>	<i>115</i>	<i>146</i>

Location of Well

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



Situation: Is well on upland, in valley, or on hillside? *hill*
 Drilling Firm *Sutton & McMilligan*
 Address *488 McLearn St. Bloubaar*
 Name of Driller *James H. Ellis* Address *Ramsayville*
 Date *Oct 8 1951* Licence Number

Signature of Licensee

UTM 182 456 945 E

9R 503 1365 N

Elev. 9R 0270

Basin 25

CONC-III-O.F.

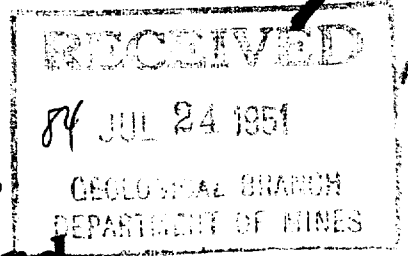
Lot-11



ONTARIO

The Well Drillers Act
Department of Mines, Province of Ontario

15 No 1467



Water Well Record

Gloucester
Township, Village, Town or City

Blackburn Station

Date Completed ... Cost of well (excluding pump) ...

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4 inch
Length(s) of casing(s) 80
Type of screen
Length of screen
Distance from top of screen to ground level
Is well a gravel-wall type?

Date
Static level 49'
Pumping level 49 feet
Pumping rate
Duration of test
Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) mineral
Quality (hard, soft, contains iron, sulphur, etc.) Sulphur
Appearance (clear, cloudy, coloured) Clear
For what purpose(s) is the water to be used? Dept. ment House
How far is well from possible source of contamination? 65 feet
What is the source of contamination? Septic tank
Enclose a copy of any mineral analysis that has been made of water

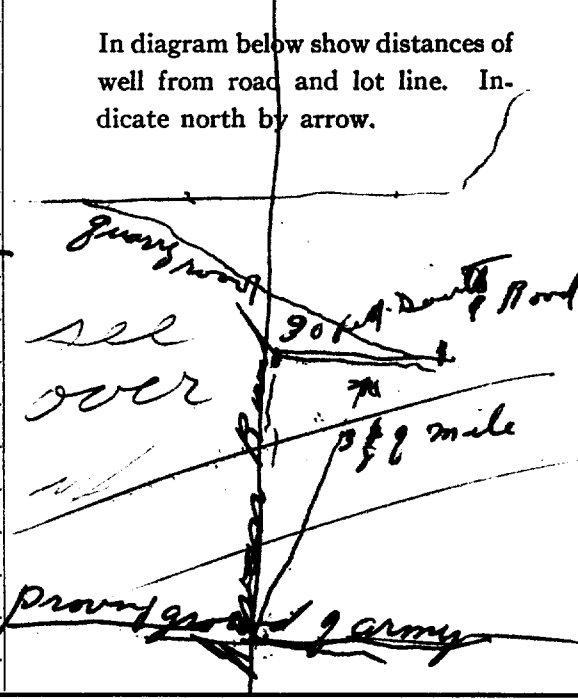
Table with 3 columns: Depth(s) to Water Horizon(s), Kind of Water, No. of Feet Water Rises. Includes handwritten entry: 78, water in, 49 feet from top.

Well Log

Table with 3 columns: Overburden and Bedrock Record, From, To. Includes handwritten entries: Red clay (0 to 69), Gravel rock shale (69 to 80), 80 to 165.

Location of Well

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



Situation: Is well on upland, in valley, or on hillside? Hill side
Drilling Firm: Gordon S. Mulligan
Address: W. 1st St.
Name of Driller: James H. Hedges
Address: Ramsayville
Date: March 27 / 49
Licence Number



315

UTM 18 457000 E

31G5h

15 No 1472

DEC 1 1966

5 R 5931305 N

The Ontario Water Resources Commission Act

Elev. 5 R 0270

WATER WELL RECORD

Basin 25
County or District Carleton

Township, Village, Town or City Alton

Con. 30P Lot 11

Date completed 22 June 1966
(day month year)

Address RR9-Box 108 Ottawa

Casing and Screen Record

Inside diameter of casing 4

Total length of casing 91

Type of screen -

Length of screen -

Depth to top of screen -

Diameter of finished hole 2

Pumping Test

Static level 51

Test-pumping rate 6 G.P.M.

Pumping level 70

Duration of test pumping 3 hrs

Water clear or cloudy at end of test clear

Recommended pumping rate 6 G.P.M.
with pump setting of 70 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)
<u>Clay</u>	<u>0</u>	<u>84</u>	<u>92</u>	<u>Fresh</u>
<u>Sand & Boulders</u>	<u>84</u>	<u>91</u>		
<u>Shale Rock</u>	<u>91</u>	<u>94</u>		

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

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

Drilling or Boring Firm F.R. Cassette

Address 150 Base line Rd
Ottawa

Licence Number 1473

Name of Driller or Borer Home

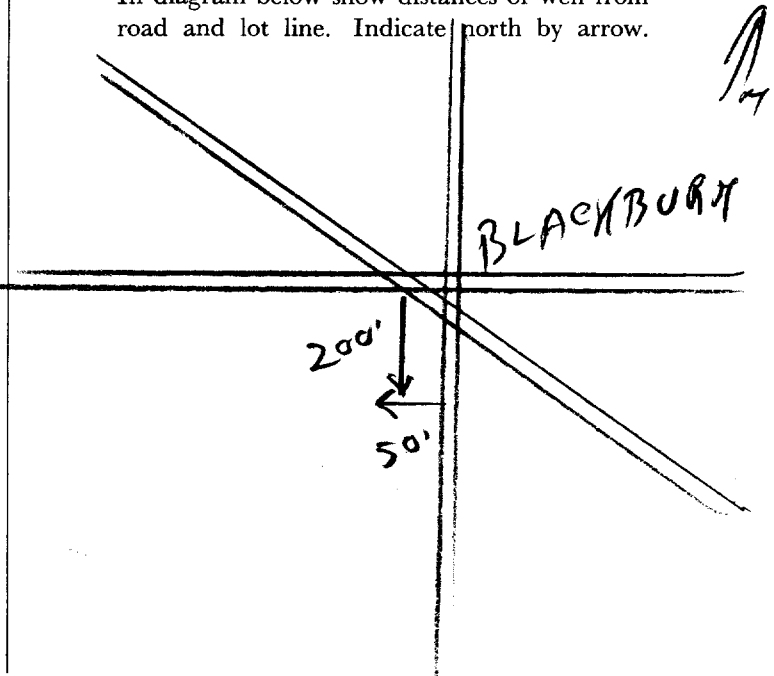
Address Home

Date June 9 1966

F.R. Cassette
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



UTM 18Z 4562905 E 31G5h
 9R 5031345 N
 Elev. 9R 0265
 Basin 25



The Water-well Drillers Act, 1954
 Department of Mines

15 No. 1490
 GROUND WATER BOARD
 28 MAY 1957
 ONTARIO WATER RESOURCES COMMISSION

Water-Well Record

County or Territorial District *Gloucester* Township, Village, Town or City *Gloucester*
 in Village, Town or City *Yarvan Rd.*
 Address *S.S.#19 Glen Algilvie School.*
 (day) *1* (month) *1* (year) *57*

Pipe and Casing Record

Pumping Test

Casing diameter(s) *5"*
 Length(s) *108'*
 Type of screen *Nil*
 Length of screen

Static level *55'*
 Pumping rate *60 G.P.H.*
 Pumping level *108'*
 Duration of test *1 hour CAN-PUMP-DRY*

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)
<i>Clay</i>	<i>0'</i>	<i>108'</i>			
<i>Brown shaly chert</i>					
<i>Limestone</i>	<i>108'</i>	<i>480'</i>	<i>108'</i>	<i>53'</i>	<i>salty</i>
					<i>sugar in well.</i>

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

Is water clear or cloudy? *clear*
 Is well on upland, in valley, or on hillside? *upland*

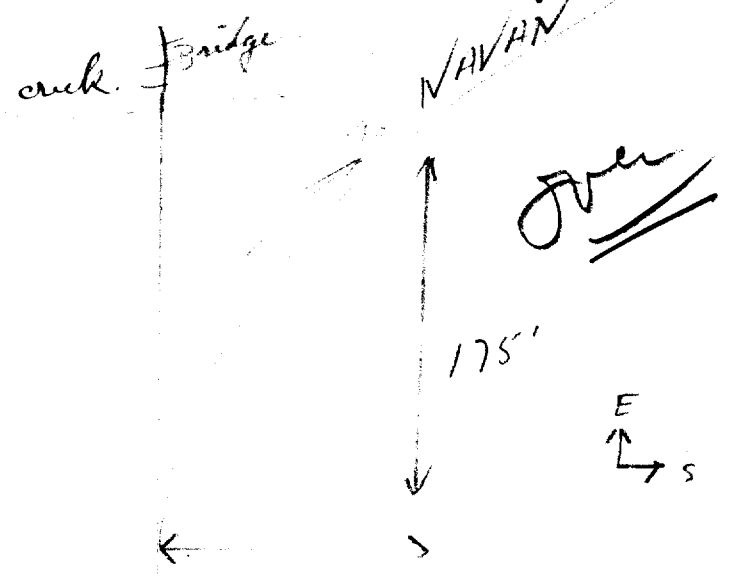
Drilling firm *Blair Phillips*
 Address *1115 Falaise Rd Ottawa 5 Ont*
 Name of Driller *M. J. Tapa*
 Address *90 Sherbro Ave Ottawa*
 Licence Number *594*

I certify that the foregoing statements of fact are true.

Date *22 Jan 57* *M. J. Tapa*
 Signature of Licensee

Location of Well

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



Mandy Witteman

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: February 27, 2022 5:53 PM
To: Mandy Witteman
Subject: RE: Search Records request (PE5642)

Follow Up Flag: Follow up
Flag Status: Completed

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

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

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

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

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

Kind regards,

Sherees



Public Information Agent

Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationsservices@tssa.org

www.tssa.org



From: Mandy Witteman <MWitteman@patersongroup.ca>
Sent: February 26, 2022 8:52 AM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: Search Records request (PE5642)

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

Good morning,

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

Cleroux Crescent: 2428, 2432, 2444, 2458, 2464, 2470, 2441, 2459, 2449

Thank you

Cheers,

Mandy Witteman, B.Eng., M.A.Sc.

patersongroup

**solution oriented engineering
over 60 years servicing our clients**

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel: (613,) 226-7381 Ext. 339
, Cell: (403), 921-1157,

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

Office Use Only

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

2458 Cleroux Crescent, Ottawa ON

*Mandatory Field

Applicant/Agent Information:

Name:	Mandy Witteman		
Mailing Address:	154 Colonnade Rd S, Ottawa ON		
Telephone:	403-921-1157	Email Address:	mwitteman@patersongroup.ca

Registered Property Owner Information:

Same as above

Name:	Mark Nakhle (Melmar Group)		
Mailing Address:	154 Colonnade Rd S, Ottawa ON		
Telephone:	613-869-2800	Email Address:	info@melargroup.ca

Site Details

Legal Description
and PIN:

What is the land
currently used for?

Residential

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): 25/02/2022

Per: Mandy Witteman
(Please print name)

Title: Intermediate Engineer

Company: Paterson Group Inc

patersongroup

Consulting Engineers

February 25, 2022
File: PE5642 -HLUI

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

**Subject: Authorization Letter, HLUI Search
Phase I-Environmental Site Assessment
2458 Cleroux Coissant
Ottawa, ON**

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

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science
Archaeological Services

www.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:

11784005 Canada inc.

Name of Representative

Anita Boutros

Signature of Representative

Anita Boutros

Date

Feb. 25, 2022



DATABASE REPORT

Project Property: *PE5642 - 2458 Cléroux Crescent
PE5642 - 2458 Cléroux Crescent
Gloucester ON K1W 1A3*

Project No: *33981*

Report Type: *Standard Report*

Order No: *22022400085*

Requested by: *Paterson Group Inc.*

Date Completed: *March 1, 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.

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Executive Summary

Property Information:

Project Property: PE5642 - 2458 Cléroux Crescent
PE5642 - 2458 Cléroux Crescent Gloucester ON K1W 1A3

Project No: 33981

Coordinates:

Latitude: 45.4357044
Longitude: -75.5470699
UTM Northing: 5,031,499.04
UTM Easting: 457,210.57
UTM Zone: 18T

Elevation: 262 FT
79.88 M

Order Information:

Order No: 22022400085
Date Requested: February 24, 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	2	2
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	7	7
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	8	8
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	1	1
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
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	2	2
SPL	<i>Ontario Spills</i>	Y	0	0	0
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	5	5
Total:			0	25	25

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 10 con 3 ON Well ID: 1501463	S/7.0	0.00	17
2	EHS		2464 - 2470 Cleroux Ottawa ON K1W 1A3	E/30.0	0.00	20
3	WWIS		lot 10 con 3 ON Well ID: 1501462	E/30.3	0.00	20
4	BORE		ON	E/30.3	0.00	22
5	WWIS		lot 10 con 3 ON Well ID: 1501466	E/60.5	0.00	23
6	EHS		2491 Cléroux Crescent Orléans ON K1W 1B7	E/89.2	0.00	26
7	EHS		2491 Cléroux Cres Ottawa ON K1W1A1	ENE/90.7	0.00	27
8	WWIS		lot 10 con 3 ON Well ID: 1501464	WNW/147.9	0.00	27
9	EHS		2517 Cleroux Crescent Gloucscter ON K1W 1A1	E/167.8	0.00	29
10	HINC		2561 CLEROUX CRESCENT OTTAWA ON	ENE/178.4	0.00	30
11	WWIS		lot 11 con 3 ON Well ID: 1501472	W/182.0	0.00	30
12	BORE		ON	W/182.1	0.00	33

<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>
13	GEN	Ottawa-Carleton District School Board	2401 Cleroux Cr Gloucester ON	WNW/183.7	0.00	34
13	GEN	Ottawa-Carleton District School Board	2401 Cleroux Cr Gloucester ON	WNW/183.7	0.00	34
13	GEN	Ottawa-Carleton District School Board	2401 Cleroux Cr Gloucester ON K1W 1A1	WNW/183.7	0.00	34
13	GEN	Ottawa-Carleton District School Board	2401 Cleroux Cr Gloucester ON K1W 1A1	WNW/183.7	0.00	35
13	GEN	Ottawa-Carleton District School Board	2401 Cleroux Cr Gloucester ON K1W 1A1	WNW/183.7	0.00	35
13	GEN	Ottawa-Carleton District School Board Health & Safety	2401 Cleroux Cr Gloucester ON K1W 1A1	WNW/183.7	0.00	36
13	GEN	Ottawa-Carleton District School Board Health & Safety	2401 Cleroux Cr Gloucester ON K1W 1A1	WNW/183.7	0.00	36
13	GEN	Ottawa-Carleton District School Board Health & Safety	2401 Cleroux Cr Gloucester ON K1W 1A1	WNW/183.7	0.00	37
14	EHS		2380 Cl��roux Crescent Gloucester ON K1W 1A2	W/223.6	0.00	38
14	EHS		2380 Cl��roux Crescent Gloucester ON K1W 1A2	W/223.6	0.00	38
14	EHS		2380 Cl��roux Crescent Gloucester ON K1W 1A2	W/223.6	0.00	38
15	SCT	DELTA T PRODUCTS LTD.	2353 KEYSTONE CRT OTTAWA ON K1W 1A9	NNW/237.9	1.00	38
15	SCT	Delta T Products Ltd.	2353 Keystone Crt Gloucester ON K1W 1A9	NNW/237.9	1.00	39

<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>
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Executive Summary: Summary By Data Source

BORE - Borehole

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	E	30.30	<u>4</u>
	ON	W	182.07	<u>12</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Nov 30, 2021 has found that there are 7 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2464 - 2470 Cleroux Ottawa ON K1W 1A3	E	29.97	<u>2</u>
	2491 Cléroux Crescent Orléans ON K1W 1B7	E	89.24	<u>6</u>
	2491 Cléroux Cres Ottawa ON K1W1A1	ENE	90.71	<u>7</u>
	2517 Cleroux Crescent Gloucester ON K1W 1A1	E	167.77	<u>9</u>
	2380 Cléroux Crescent Gloucester ON K1W 1A2	W	223.56	<u>14</u>
	2380 Cléroux Crescent Gloucester ON K1W 1A2	W	223.56	<u>14</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2380 Cléroux Crescent Gloucester ON K1W 1A2	W	223.56	14

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Nov 30, 2021 has found that there are 8 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ottawa-Carleton District School Board Health & Safety	2401 Cleroux Cr Gloucester ON K1W 1A1	WNW	183.69	13
Ottawa-Carleton District School Board Health & Safety	2401 Cleroux Cr Gloucester ON K1W 1A1	WNW	183.69	13
Ottawa-Carleton District School Board	2401 Cleroux Cr Gloucester ON	WNW	183.69	13
Ottawa-Carleton District School Board	2401 Cleroux Cr Gloucester ON	WNW	183.69	13
Ottawa-Carleton District School Board	2401 Cleroux Cr Gloucester ON K1W 1A1	WNW	183.69	13
Ottawa-Carleton District School Board	2401 Cleroux Cr Gloucester ON K1W 1A1	WNW	183.69	13
Ottawa-Carleton District School Board	2401 Cleroux Cr Gloucester ON K1W 1A1	WNW	183.69	13
Ottawa-Carleton District School Board Health & Safety	2401 Cleroux Cr Gloucester ON K1W 1A1	WNW	183.69	13

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC 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>
	2561 CLEROUX CRESCENT OTTAWA ON	ENE	178.39	10

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 2 SCT 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>
Delta T Products Ltd.	2353 Keystone Crt Gloucester ON K1W 1A9	NNW	237.88	15
DELTA T PRODUCTS LTD.	2353 KEYSTONE CRT OTTAWA ON K1W 1A9	NNW	237.88	15

WWIS - Water Well Information System

A search of the WWIS database, dated Sep 30, 2021 has found that there are 5 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 10 con 3 ON <i>Well ID:</i> 1501463	S	7.04	1
	lot 10 con 3 ON <i>Well ID:</i> 1501462	E	30.28	3
	lot 10 con 3 ON <i>Well ID:</i> 1501466	E	60.54	5
	lot 10 con 3 ON <i>Well ID:</i> 1501464	WNW	147.86	8
	lot 11 con 3 ON	W	182.03	11

Equal/Higher Elevation

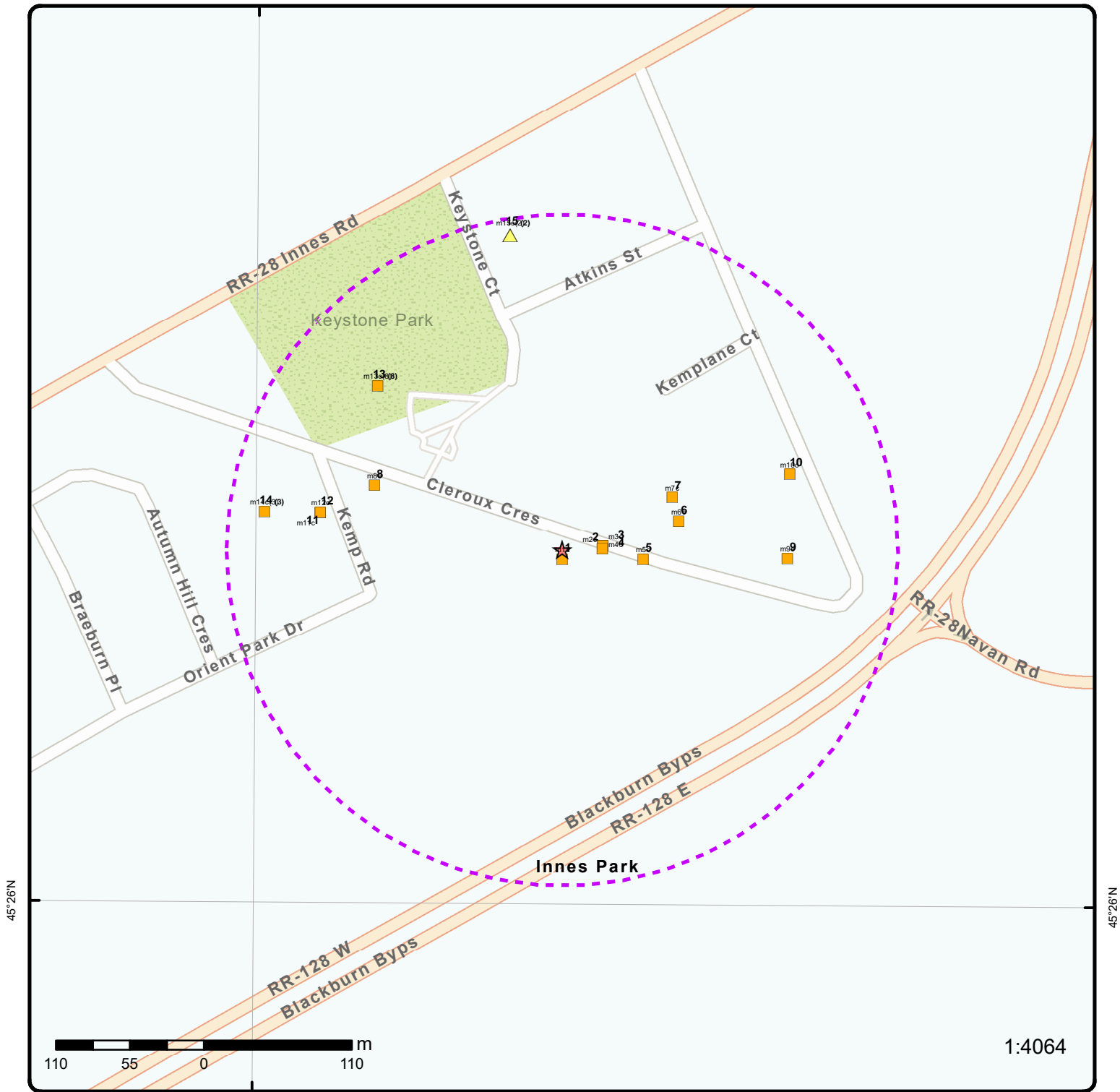
Address

Direction

Distance (m)

Map Key

Well ID: 1501472



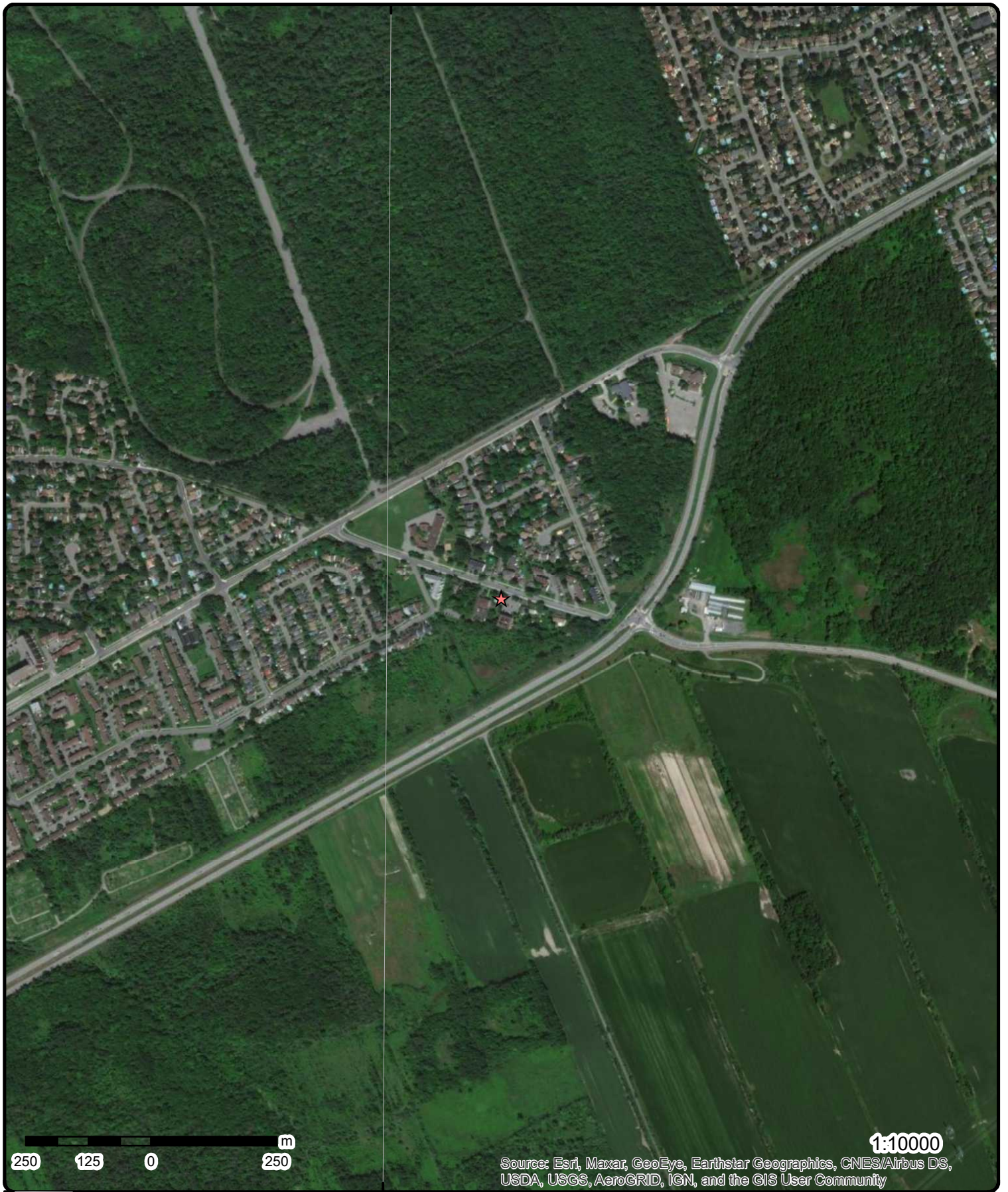
Map: 0.25 Kilometer Radius

Order Number: 22022400085

Address: PE5642 - 2458 Cléroux Crescent, Gloucester, ON



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



45°25'30"N



1:10000
 Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Aerial Year: 2020

Order Number: 22022400085

Address: PE5642 - 2458 Cléroux Crescent, Gloucester, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership

75°34'30"W

75°33'W

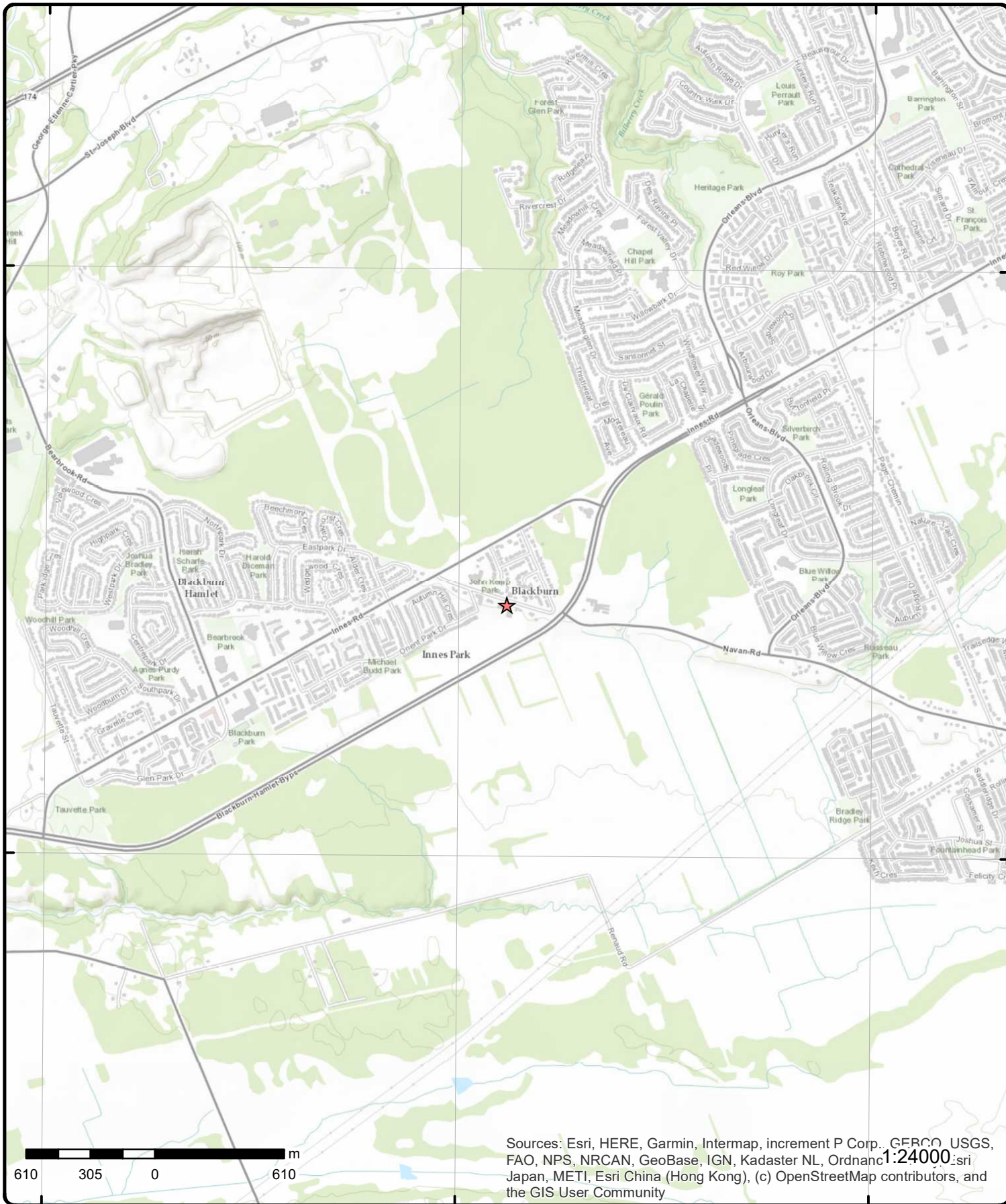
75°31'30"W

45°27'N

45°27'N

45°25'30"N

45°25'30"N



Topographic Map

Address: PE5642 - 2458 Cléroux Crescent, ON

Source: ESRI World Topographic Map

Order Number: 22022400085



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	S/7.0	79.9 / 0.00	lot 10 con 3 ON	WWIS

<p>Well ID: 1501463</p> <p>Construction Date:</p> <p>Primary Water Use: Domestic</p> <p>Sec. Water Use: 0</p> <p>Final Well Status: Water Supply</p> <p>Water Type:</p> <p>Casing Material:</p> <p>Audit No:</p> <p>Tag:</p> <p>Construction Method:</p> <p>Elevation (m):</p> <p>Elevation Reliability:</p> <p>Depth to Bedrock:</p> <p>Well Depth:</p> <p>Overburden/Bedrock:</p> <p>Pump Rate:</p> <p>Static Water Level:</p> <p>Flowing (Y/N):</p> <p>Flow Rate:</p> <p>Clear/Cloudy:</p>	<p>Data Entry Status:</p> <p>Data Src: 1</p> <p>Date Received: 4/1/1952</p> <p>Selected Flag: TRUE</p> <p>Abandonment Rec:</p> <p>Contractor: 3725</p> <p>Form Version: 1</p> <p>Owner:</p> <p>Street Name:</p> <p>County: OTTAWA</p> <p>Municipality: GLOUCESTER TOWNSHIP</p> <p>Site Info:</p> <p>Lot: 010</p> <p>Concession: 03</p> <p>Concession Name: OF</p> <p>Easting NAD83:</p> <p>Northing NAD83:</p> <p>Zone:</p> <p>UTM Reliability:</p>
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501463.pdf

Additional Detail(s) (Map)

Well Completed Date: 1951/09/15

Year Completed: 1951

Depth (m): 52.7304

Latitude: 45.4356410860097

Longitude: -75.5470676149266

Path: 150\1501463.pdf

Bore Hole Information

<p>Bore Hole ID: 10023506</p> <p>DP2BR:</p> <p>Spatial Status:</p> <p>Code OB:</p> <p>Code OB Desc:</p> <p>Open Hole:</p> <p>Cluster Kind:</p> <p>Date Completed: 15-Sep-1951 00:00:00</p> <p>Remarks:</p> <p>Elevrc Desc:</p> <p>Location Source Date:</p> <p>Improvement Location Source:</p> <p>Improvement Location Method:</p> <p>Source Revision Comment:</p> <p>Supplier Comment:</p>	<p>Elevation:</p> <p>Elevrc:</p> <p>Zone: 18</p> <p>East83: 457210.70</p> <p>North83: 5031492.00</p> <p>Org CS:</p> <p>UTMRC: 9</p> <p>UTMRC Desc: unknown UTM</p> <p>Location Method: p9</p>
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Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:			930991892		
Layer:			3		
Color:					
General Color:					
Mat1:			14		
Most Common Material:			HARDPAN		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			93.0		
Formation End Depth:			100.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			930991893		
Layer:			4		
Color:					
General Color:					
Mat1:			26		
Most Common Material:			ROCK		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			100.0		
Formation End Depth:			173.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			930991890		
Layer:			1		
Color:			7		
General Color:			RED		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			0.0		
Formation End Depth:			18.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			930991891		
Layer:			2		
Color:			3		
General Color:			BLUE		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		18.0			
Formation End Depth:		93.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961501463			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10572076			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930039887			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		118.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930039888			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		173.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991501463			
Pump Set At:					
Static Level:		65.0			
Final Level After Pumping:		69.0			
Recommended Pump Depth:					
Pumping Rate:					
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:					
Pumping Duration MIN:					
Flowing:		No			

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

Water ID: 933454171
Layer: 2
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 160.0
Water Found Depth UOM: ft

Water Details

Water ID: 933454170
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 93.0
Water Found Depth UOM: ft

[2](#) 1 of 1 **E/30.0** **79.9 / 0.00** **2464 - 2470 Cleroux
Ottawa ON K1W 1A3** **EHS**

Order No: 20050705009	Nearest Intersection:
Status: C	Municipality:
Report Type: Custom Report	Client Prov/State: ON
Report Date: 7/14/2005	Search Radius (km): 0.25
Date Received: 7/5/2005	X: -75.546687
Previous Site Name:	Y: 45.435715
Lot/Building Size:	
Additional Info Ordered:	

[3](#) 1 of 1 **E/30.3** **79.9 / 0.00** **lot 10 con 3
ON** **WWIS**

Well ID: 1501462	Data Entry Status:
Construction Date:	Data Src: 1
Primary Water Use: Domestic	Date Received: 10/17/1950
Sec. Water Use: 0	Selected Flag: TRUE
Final Well Status: Water Supply	Abandonment Rec:
Water Type:	Contractor: 3725
Casing Material:	Form Version: 1
Audit No:	Owner:
Tag:	Street Name:
Construction Method:	County: OTTAWA
Elevation (m):	Municipality: GLOUCESTER TOWNSHIP
Elevation Reliability:	Site Info:
Depth to Bedrock:	Lot: 010
Well Depth:	Concession: 03
Overburden/Bedrock:	Concession Name: OF
Pump Rate:	Easting NAD83:
Static Water Level:	Northing NAD83:
Flowing (Y/N):	Zone:
Flow Rate:	UTM Reliability:
Clear/Cloudy:	

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501462.pdf

Additional Detail(s) (Map)

Well Completed Date: 1950/03/08
Year Completed: 1950
Depth (m): 44.8056

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Latitude:		45.4357329305868			
Longitude:		-75.546684947115			
Path:		150\1501462.pdf			

Bore Hole Information

Bore Hole ID:	10023505	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	457240.70
Code OB Desc:		North83:	5031502.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	08-Mar-1950 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:	930991888
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	100.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930991889
Layer:	2
Color:	1
General Color:	WHITE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	100.0
Formation End Depth:	147.0
Formation End Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID:	961501462
Method Construction Code:	1
Method Construction:	Cable Tool

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Other Method Construction:

Pipe Information

Pipe ID: 10572075
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039886
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 147.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501462
Pump Set At:
Static Level: 50.0
Final Level After Pumping: 100.0
Recommended Pump Depth:
Pumping Rate:
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:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933454169
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 146.0
Water Found Depth UOM: ft

4	1 of 1	E/30.3	79.9 / 0.00	ON	BORE
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Borehole ID: 615136 OGF ID: 215516078 Status: Type: Borehole Use: Completion Date: MAR-1950 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 44.8	Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.435735 Longitude DD: -75.546685
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth Ref: Depth Elev: Drill Method: Orig Ground Elev m: Elev Reliabil Note: DEM Ground Elev m: Concession: Location D: Survey D: Comments:	Ground Surface 82.3 82.2			UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	18 457241 5031502 Not Applicable
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218400571 30.5 44.8 White Limestone LIMESTONE. WHITE. 0014670.0 FEET.NE TO COARSE.DENSE. SILT. DENSE. SAND. DENSE. SAND.			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Dense Coarse
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218400570 0 30.5 Blue Clay CLAY. BLUE.			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
<u>Source</u>					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 07644 NTS_Sheet:			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
<u>Source List</u>					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
5	1 of 1	E/60.5	79.9 / 0.00	lot 10 con 3 ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use:	1501466 Domestic 0			Data Entry Status: Data Src: Date Received: Selected Flag:	1 4/1/1952 TRUE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3725
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501466.pdf

Additional Detail(s) (Map)

Well Completed Date: 1951/10/03
Year Completed: 1951
Depth (m): 44.5008
Latitude: 45.4356447573348
Longitude: -75.5463005410409
Path: 150\1501466.pdf

Bore Hole Information

Bore Hole ID:	10023509	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	457270.70
Code OB Desc:		North83:	5031492.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	03-Oct-1951 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: 930991899
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 93.0
Formation End Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930991901			
Layer:		4			
Color:					
General Color:					
Mat1:		26			
Most Common Material:		ROCK			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		115.0			
Formation End Depth:		146.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930991898			
Layer:		1			
Color:		7			
General Color:		RED			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930991900			
Layer:		3			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		93.0			
Formation End Depth:		115.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961501466			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10572079			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No: Comment: Alt Name:	1				
<u>Construction Record - Casing</u>					
Casing ID:	930039893				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	115.0				
Casing Diameter:	4.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930039894				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	146.0				
Casing Diameter:	4.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991501466				
Pump Set At:					
Static Level:	65.0				
Final Level After Pumping:	79.0				
Recommended Pump Depth:					
Pumping Rate:					
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:					
Pumping Duration MIN:					
Flowing:	No				
<u>Water Details</u>					
Water ID:	933454174				
Layer:	1				
Kind Code:	3				
Kind:	SULPHUR				
Water Found Depth:	80.0				
Water Found Depth UOM:	ft				
<u>6</u>	1 of 1	E/89.2	79.9 / 0.00	2491 Cléroux Crescent Orléans ON K1W 1B7	EHS
Order No:	20191024039			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Select Report			Client Prov/State:	ON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Date:	29-OCT-19			Search Radius (km): .25	
Date Received:	24-OCT-19			X: -75.545963	
Previous Site Name:				Y: 45.435899	
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches; Topographic Maps; City Directory				

7	1 of 1	ENE/90.7	79.9 / 0.00	2491 Cléroux Cres Ottawa ON K1W1A1	EHS
Order No:	20130802038			Nearest Intersection:	
Status:	C			Municipality: Ottawa	
Report Type:	Standard Select Report			Client Prov/State: ON	
Report Date:	14-AUG-13			Search Radius (km): .25	
Date Received:	02-AUG-13			X: -75.546026	
Previous Site Name:				Y: 45.43606	
Lot/Building Size:	46 m x 80 m				
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches; Topographic Maps; City Directory				

8	1 of 1	WNW/147.9	79.9 / 0.00	lot 10 con 3 ON	WWIS
Well ID:	1501464			Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:	Domestic			Date Received: 4/1/1952	
Sec. Water Use:	0			Selected Flag: TRUE	
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor: 3725	
Casing Material:				Form Version: 1	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County: OTTAWA	
Elevation (m):				Municipality: GLOUCESTER TOWNSHIP	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 010	
Well Depth:				Concession: 03	
Overburden/Bedrock:				Concession Name: OF	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501464.pdf

Additional Detail(s) (Map)

Well Completed Date: 1951/10/20
Year Completed: 1951
Depth (m): 47.244
Latitude: 45.4361275448449
Longitude: -75.5488622525902
Path: 150\1501464.pdf

Bore Hole Information

Bore Hole ID: 10023507
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:

Elevation:
Elevrc:
Zone: 18
East83: 457070.70
North83: 5031547.00
Org CS:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	9
Date Completed:	20-Oct-1951 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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930991894			
Layer:		1			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		100.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930991895			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		19			
Most Common Material:		SLATE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		100.0			
Formation End Depth:		155.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961501464			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10572077			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930039889			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		100.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930039890			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		155.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991501464			
Pump Set At:					
Static Level:		65.0			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<u>Water Details</u>					
Water ID:		933454172			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		145.0			
Water Found Depth UOM:		ft			
9	1 of 1	E/167.8	79.9 / 0.00	2517 Cleroux Crescent Gloucesterc ON K1W 1A1	EHS
Order No:	20110324020			Nearest Intersection:	Innes Rd-Cleroux Cre
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	4/4/2011			Search Radius (km):	0.25
Date Received:	3/24/2011 2:14:08 PM			X:	-75.544926
Previous Site Name:				Y:	45.435657
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	1 of 1	ENE/178.4	79.9 / 0.00	2561 CLEROUX CRESCENT OTTAWA ON	HINC

External File Num: FS INC 0901-00057
Fuel Occurrence Type:
Date of Occurrence:
Fuel Type Involved:
Status Desc: Completed - No Action Required
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:
Service Interruptions:
Property Damage:
Fuel Life Cycle Stage:
Root Cause:
Reported Details: Non-mandated. Enbridge reports that source of elevated CO levels is not attributed to any hydrocarbo
Fuel Category: Unknown
Occurrence Type: Incident
Affiliation: Emergency Services (Fire, Police,etc)
County Name: Ottawa
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

11	1 of 1	W/182.0	79.9 / 0.00	lot 11 con 3 ON	WWIS
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Well ID:	1501472	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	12/14/1966
Sec. Water Use:	0	Selected Flag:	TRUE
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1603
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	011
Well Depth:		Concession:	03
Overburden/Bedrock:		Concession Name:	OF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501472.pdf

Additional Detail(s) (Map)

Well Completed Date: 1966/06/22
Year Completed: 1966
Depth (m): 28.6512
Latitude: 45.4359450699288
Longitude: -75.5493718925448
Path: 150\1501472.pdf

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	10023515			Elevation: Elevrc: Zone: 18 East83: 457030.70 North83: 5031527.00 Org CS: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5	

Overburden and Bedrock
Materials Interval

Formation ID: 930991919
Layer: 3
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 91.0
Formation End Depth: 94.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930991917
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: 84.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930991918
Layer: 2
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		84.0			
Formation End Depth:		91.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961501472			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10572085			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930039904			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		91.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930039905			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		94.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991501472			
Pump Set At:					
Static Level:		51.0			
Final Level After Pumping:		70.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		6.0			
Flowing Rate:					
Recommended Pump Rate:		6.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933454180			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		92.0			
Water Found Depth UOM:		ft			
<u>12</u>	1 of 1	W/182.1	79.9 / 0.00	ON	BORE
Borehole ID:	615139			Inclin FLG:	No
OGF ID:	215516081			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	JUN-1966			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.435947
Total Depth m:	28.7			Longitude DD:	-75.549372
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	457031
Drill Method:				Northing:	5031527
Orig Ground Elev m:	82.3			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	81.1				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218400579			Mat Consistency:	
Top Depth:	25.6			Material Moisture:	
Bottom Depth:	27.7			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Boulders			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND.				
Geology Stratum ID:	218400578			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	25.6			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:	218400580			Mat Consistency:	Dense
Top Depth:	27.7			Material Moisture:	
Bottom Depth:	28.7			Material Texture:	Coarse
Material Color:				Non Geo Mat Type:	
Material 1:	Shale			Geologic Formation:	
Material 2:				Geologic Group:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3: Material 4: Gsc Material Description: Stratum Description:		Geologic Period: Depositional Gen: SHALE. 0009200141.0 FEET.NE TO COARSE.DENSE. SILT. DENSE. SAND. DENSE. SAND. D **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
	Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 07647 NTS_Sheet:				
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
13	1 of 8	WNW/183.7	79.9 / 0.00	Ottawa-Carleton District School Board 2401 Cleroux Cr Gloucester ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country:	ON9204302 611110 Elementary and Secondary Schools 2012			Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
13	2 of 8	WNW/183.7	79.9 / 0.00	Ottawa-Carleton District School Board 2401 Cleroux Cr Gloucester ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country:	ON9204302 611110 ELEMENTARY AND SECONDARY SCHOOLS 2013			Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
Detail(s)					
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
Waste Class: Waste Class Desc:	331 WASTE COMPRESSED GASES				
13	3 of 8	WNW/183.7	79.9 / 0.00	Ottawa-Carleton District School Board 2401 Cleroux Cr Gloucester ON K1W 1A1	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON9204302			Status:	
SIC Code:	611110			Co Admin:	Greg Benson
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS			Choice of Contact:	CO_OFFICIAL
Approval Years:	2015			Phone No Admin:	613-596-8211 Ext.8549
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
Detail(s)					
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				

13	4 of 8	WNW/183.7	79.9 / 0.00	Ottawa-Carleton District School Board 2401 Cleroux Cr Gloucester ON K1W 1A1	GEN
Generator No:	ON9204302			Status:	
SIC Code:	611110			Co Admin:	Greg Benson
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS			Choice of Contact:	CO_OFFICIAL
Approval Years:	2016			Phone No Admin:	613-596-8211 Ext.8549
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
Detail(s)					
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				

13	5 of 8	WNW/183.7	79.9 / 0.00	Ottawa-Carleton District School Board 2401 Cleroux Cr Gloucester ON K1W 1A1	GEN
Generator No:	ON9204302			Status:	
SIC Code:	611110			Co Admin:	Greg Benson
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS			Choice of Contact:	CO_OFFICIAL
Approval Years:	2014			Phone No Admin:	613-596-8211 Ext.8549
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			

<u>13</u>	6 of 8	WNW/183.7	79.9 / 0.00	Ottawa-Carleton District School Board Health & Safety 2401 Cleroux Cr Gloucester ON K1W 1A1	GEN
Generator No:	ON9204302			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Dec 2018			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	

<u>Detail(s)</u>					
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		145 I			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		148 A			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 B			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 R			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		212 B			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		263 B			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			

<u>13</u>	7 of 8	WNW/183.7	79.9 / 0.00	Ottawa-Carleton District School Board Health & Safety 2401 Cleroux Cr Gloucester ON K1W 1A1	GEN
Generator No:	ON9204302			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: PO Box No: Country:	As of Jul 2020 Canada			Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	331 I Waste compressed gases including cylinders				
Waste Class: Waste Class Desc:	148 B Misc. wastes and inorganic chemicals				
Waste Class: Waste Class Desc:	212 B Aliphatic solvents and residues				
Waste Class: Waste Class Desc:	148 A Misc. wastes and inorganic chemicals				
Waste Class: Waste Class Desc:	145 I Wastes from the use of pigments, coatings and paints				
Waste Class: Waste Class Desc:	122 C Alkaline slutions - containing other metals and non-metals (not cyanide)				
Waste Class: Waste Class Desc:	263 B Misc. waste organic chemicals				
Waste Class: Waste Class Desc:	148 R Misc. wastes and inorganic chemicals				
Waste Class: Waste Class Desc:	148 C Misc. wastes and inorganic chemicals				

<u>13</u>	8 of 8	WNW/183.7	79.9 / 0.00	Ottawa-Carleton District School Board Health & Safety 2401 Cleroux Cr Gloucester ON K1W 1A1	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country:	ON9204302 As of Nov 2021 Canada			Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	

<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	148 R Misc. wastes and inorganic chemicals				
Waste Class: Waste Class Desc:	148 A Misc. wastes and inorganic chemicals				
Waste Class: Waste Class Desc:	263 B Misc. waste organic chemicals				
Waste Class: Waste Class Desc:	148 B Misc. wastes and inorganic chemicals				
Waste Class: Waste Class Desc:	331 I Waste compressed gases including cylinders				
Waste Class:	122 C				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		145 I			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		212 B			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
14	1 of 3	W/223.6	79.9 / 0.00	2380 Cl�roux Crescent Gloucester ON K1W 1A2	EHS
Order No:	20312700084			Nearest Intersection:	
Status:	C			Municipality:	Ottawa
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	02-DEC-20			Search Radius (km):	.25
Date Received:	27-NOV-20			X:	-75.5499074
Previous Site Name:				Y:	45.4359461
Lot/Building Size:	8387.81 m2				
Additional Info Ordered:					
14	2 of 3	W/223.6	79.9 / 0.00	2380 Cl�roux Crescent Gloucester ON K1W 1A2	EHS
Order No:	20312700084			Nearest Intersection:	
Status:	C			Municipality:	Ottawa
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	02-DEC-20			Search Radius (km):	.25
Date Received:	27-NOV-20			X:	-75.5499074
Previous Site Name:				Y:	45.4359461
Lot/Building Size:	8387.81 m2				
Additional Info Ordered:					
14	3 of 3	W/223.6	79.9 / 0.00	2380 Cl�roux Crescent Gloucester ON K1W 1A2	EHS
Order No:	20312700084			Nearest Intersection:	
Status:	C			Municipality:	Ottawa
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	02-DEC-20			Search Radius (km):	.25
Date Received:	27-NOV-20			X:	-75.5499074
Previous Site Name:				Y:	45.4359461
Lot/Building Size:	8387.81 m2				
Additional Info Ordered:					
15	1 of 2	NNW/237.9	80.9 / 1.00	DELTA T PRODUCTS LTD. 2353 KEYSTONE CRT OTTAWA ON K1W 1A9	SCT
Established:	1988				
Plant Size (ft²):	0				
Employment:	2				
--Details--					
Description:	PLUMBING & HEATING EQUIPMENT & SUPPLIES (HYDRONICS)				
SIC/NAICS Code:	5074				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Description:</i>		WARM AIR HEATING & AIR-CONDITIONING EQUIPMENT & SUPPLIES			
<i>SIC/NAICS Code:</i>		5075			
<i>Description:</i>		REFRIGERATION EQUIPMENT & SUPPLIES			
<i>SIC/NAICS Code:</i>		5078			
15	2 of 2	NNW/237.9	80.9 / 1.00	Delta T Products Ltd. 2353 Keystone Crt Gloucester ON K1W 1A9	SCT
<i>Established:</i>		01-JAN-88			
<i>Plant Size (ft²):</i>		800			
<i>Employment:</i>					
--Details--					
<i>Description:</i>		Wholesale Trade Agents and Brokers			
<i>SIC/NAICS Code:</i>		419120			
<i>Description:</i>		Wholesale Trade Agents and Brokers			
<i>SIC/NAICS Code:</i>		419120			

Unplottable Summary

Total: **33** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	REG. MUN. OF OTTAWA-CARLETON	INNES RD.	GLOUCESTER CITY ON	
CA	KLAUS MORITZ	INNES RD.	GLOUCESTER CITY ON	
CA	KLAUS MORITZ	INNES RD.	GLOUCESTER CITY ON	
CA	THE DOUGLAS MACDONALD DEVELOP.CORP.	INNES RD.	GLOUCESTER CITY ON	
CA	THE DOUGLAS MACDONALD DEVELOP.CORP.	INNES RD.	GLOUCESTER CITY ON	
CA	Morgan's Grant Subdivision Phase 6, 7 & 8	Lot 10, Concession 3	Ottawa ON	
CA	Morgan's Grant	Part of Lot 11, Concession 3	Ottawa ON	
CA	Morgan's Grant Subdivision Phase 6, 7 & 8	Lot 10, Concession 3	Ottawa ON	
CA	Morgan's Grant Subdivision Phase 9	Lot 10, Concession 3	Ottawa ON	
CA	954194 Ontario Inc.	Cleroux Street	Ottawa ON	
CA	561042 ONTARIO LTD.	KEMPLANE COURT	GLOUCESTER CITY ON	
CA	561042 ONTARIO LTD.	KEMPLANE COURT	GLOUCESTER CITY ON	
CA	DOMICILE DEVELOPMENTS INC. IN TRUST	PRIVATE STREET #1/INNES ROAD	GLOUCESTER CITY ON	
CA	R.M. OF OTTAWA-CARLETON,	INNES RD. TRANSPORTATION DEPT.	GLOUCESTER CITY ON	
CA	ELOKEM ENT./652628 ONTARIO LTD.	ORIENT PARK DR.	GLOUCESTER CITY ON	
CA	LIFE CENTRE - STORMWATER MANAGEMENT FAC.	INNES ROAD/MUD CREEK	GLOUCESTER CITY ON	
CA	LIFE CENTRE - LIFE CENTRE CHURCH	INNES ROAD	GLOUCESTER CITY ON	
CA	R.M. OF OTTAWA-CARLETON	INNES RD. NORTH SIDE	GLOUCESTER CITY ON	

CA	R.M. OF OTTAWA-CARLETON	INNES ROAD	GLOUCESTER CITY ON	
CA	R. M. OF OTTAWA-CARLETON	INNES RD. SEWAGE PUMPING STAT.	GLOUCESTER CITY ON	
CA	Morgan's Grant Subdivision Phase 9	Lot 10, Concession 3	Ottawa ON	
CA	ELOKEN ENT./652628 ONTARIO LTD.	ORIENT PARK DR.	GLOUCESTER CITY ON	
ECA	954194 Ontario Inc.	Cleroux Street	Ottawa ON	K1G 3N4
GEN	E.B. EDDY FOREST PRODUCTS LTD. 14-802	LOT 10, CONC. 3, CAMP 12 F.OP SITE IVY TWP., C/O 1335 CARLING AVE.	OTTAWA ON	K1Z 8N8
GEN	E.B. EDDY FOREST PRODUCTS LTD.	LOT 10, CONC. 3, CAMP 12 F.OP SITE IVY TWP., C/O 1335 CARLING AVE.	OTTAWA ON	K1Z 8N8
LIMO	Pierces Corners Landfill The Corporation of the Township of Rideau City of	Ottawa Part of Lot 11, Concession 3 Ottawa	ON	
LIMO		Lot 10 Concession 3 Ottawa	ON	
PTTW	Mattamy (Half Moon Bay) Limited	Lot 11, 12, Concession 3, Ottawa, City CITY OF OTTAWA	ON	
SPL	UNKNOWN	GREEN CREEK @ INNES RD.	GLOUCESTER CITY ON	
SPL		EAST OF INTERSECT. OF BLACKBURN BYPASS & OLD INNES RD. \	GLOUCESTER CITY ON	
SPL	Unknown<UNOFFICIAL>	Innes Rd Eastbound at Blair	Ottawa ON	
SPL	Enbridge Gas Distribution Inc.	on corner Orient Park and Kelven Cres, Orleans	Ottawa ON	
SPL	City of Ottawa	Innes Road just east of 10 th Line <UNOFFICIAL>	Ottawa ON	

Unplottable Report

Site: REG. MUN. OF OTTAWA-CARLETON
INNES RD. GLOUCESTER CITY ON

Database:
CA

Certificate #: 7-0153-85-006
Application Year: 85
Issue Date: 3/21/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KLAUS MORITZ
INNES RD. GLOUCESTER CITY ON

Database:
CA

Certificate #: 7-0394-85-006
Application Year: 85
Issue Date: 5/30/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KLAUS MORITZ
INNES RD. GLOUCESTER CITY ON

Database:
CA

Certificate #: 3-0583-85-006
Application Year: 85
Issue Date: 6/7/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: THE DOUGLAS MACDONALD DEVELOP.CORP.
INNES RD. GLOUCESTER CITY ON

Database:
CA

Certificate #: 7-1125-85-006
Application Year: 85

Issue Date: 12/23/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: THE DOUGLAS MACDONALD DEVELOP.CORP.
INNES RD. GLOUCESTER CITY ON

Database:
CA

Certificate #: 3-1487-85-006
Application Year: 85
Issue Date: 12/23/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Morgan's Grant Subdivision Phase 6, 7 & 8
Lot 10, Concession 3 Ottawa ON

Database:
CA

Certificate #: 8761-53CPYZ
Application Year: 01
Issue Date: 10/11/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Minto Developments Inc.
Client Address: 427 Laurier Avenue West, Suite 300
Client City: Ottawa
Client Postal Code: K1R 7Y2
Project Description: Construction of Storm and Sanitary Sewers for Residential Development Morgan's Grant Subdivision Phase 6, 7, & 8
Contaminants:
Emission Control:

Site: Morgan's Grant
Part of Lot 11, Concession 3 Ottawa ON

Database:
CA

Certificate #: 8692-54QSUG
Application Year: 01
Issue Date: 12/21/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Minto Developments Inc.
Client Address: 427 Laurier Avenue West, Suite 300
Client City: Ottawa
Client Postal Code: K1R 7Y2
Project Description: Stormwater management facility providing water quantity and quality control.
Contaminants:
Emission Control:

Site: *Morgan's Grant Subdivision Phase 6, 7 & 8
Lot 10, Concession 3 Ottawa ON*

Database:
CA

Certificate #: 8414-53CPMC
Application Year: 01
Issue Date: 10/11/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Minto Developments Inc.
Client Address: 427 Laurier Avenue West, Suite 300
Client City: Ottawa
Client Postal Code: K1R 7Y2
Project Description: Construction of Watermains for Residential Development in Morgan's Grant Subdivision Phase 6, 7 & 8.
Contaminants:
Emission Control:

Site: *Morgan's Grant Subdivision Phase 9
Lot 10, Concession 3 Ottawa ON*

Database:
CA

Certificate #: 1411-4UMSZM
Application Year: 01
Issue Date: 3/10/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Minto Developments Inc.
Client Address: 427 Laurier Avenue West, Suite 300
Client City: Ottawa
Client Postal Code: K1R 7Y2
Project Description: Installation of watermains on Klondike Road, Piekoff Crescent, Wallsend Avenue and Rayburn Street.
Contaminants:
Emission Control:

Site: *954194 Ontario Inc.
Cleroux Street Ottawa ON*

Database:
CA

Certificate #: 7006-66KRVP
Application Year: 2004
Issue Date: 11/15/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *561042 ONTARIO LTD.
KEMPLANE COURT GLOUCESTER CITY ON*

Database:
CA

Certificate #: 3-0531-87-
Application Year: 87
Issue Date: 4/29/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:

Project Description:
Contaminants:
Emission Control:

Site: 561042 ONTARIO LTD.
KEMPLANE COURT GLOUCESTER CITY ON

Database:
CA

Certificate #: 7-0437-87-
Application Year: 87
Issue Date: 4/29/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: DOMICILE DEVELOPMENTS INC. IN TRUST
PRIVATE STREET #1/INNES ROAD GLOUCESTER CITY ON

Database:
CA

Certificate #: 7-0032-90-
Application Year: 90
Issue Date: 2/1/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON,
INNES RD. TRANSPORTATION DEPT. GLOUCESTER CITY ON

Database:
CA

Certificate #: 7-0814-88-
Application Year: 88
Issue Date: 6/28/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ELOKEM ENT./652628 ONTARIO LTD.
ORIENT PARK DR. GLOUCESTER CITY ON

Database:
CA

Certificate #: 7-0703-86-
Application Year: 86
Issue Date: 7/16/1986
Approval Type: Municipal water
Status: Approved

Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: LIFE CENTRE - STORMWATER MANAGEMENT FAC.
INNES ROAD/MUD CREEK GLOUCESTER CITY ON

Database:
CA

Certificate #: 3-0803-91-
Application Year: 91
Issue Date: 9/25/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: LIFE CENTRE - LIFE CENTRE CHURCH
INNES ROAD GLOUCESTER CITY ON

Database:
CA

Certificate #: 3-0926-91-
Application Year: 91
Issue Date: 7/3/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
INNES RD. NORTH SIDE GLOUCESTER CITY ON

Database:
CA

Certificate #: 3-2060-88-
Application Year: 88
Issue Date: 10/30/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
INNES ROAD GLOUCESTER CITY ON

Database:
CA

Certificate #: 3-0734-88-
Application Year: 88
Issue Date: 5/13/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **R. M. OF OTTAWA-CARLETON**
INNES RD. SEWAGE PUMPING STAT. GLOUCESTER CITY ON

Database:
CA

Certificate #: 3-0358-86-
Application Year: 86
Issue Date: 8/22/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Morgan's Grant Subdivision Phase 9**
Lot 10, Concession 3 Ottawa ON

Database:
CA

Certificate #: 0828-4UMQX6
Application Year: 01
Issue Date: 3/10/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Minto Developments Inc.
Client Address: 427 Laurier Avenue West, Suite 300
Client City: Ottawa
Client Postal Code: K1R 7Y2
Project Description: Installation of storm and sanitary sewers in Morgan's Grant Subdivision Phase 9, on Klondike Road, Piekoff Crescent, Wallsend Avenue and Rayburn Street.
Contaminants:
Emission Control:

Site: **ELOKEN ENT./652628 ONTARIO LTD.**
ORIENT PARK DR. GLOUCESTER CITY ON

Database:
CA

Certificate #: 3-0879-86-
Application Year: 86
Issue Date: 7/16/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 954194 Ontario Inc.
Cleroux Street Ottawa ON K1G 3N4

Database:
ECA

Approval No: 7006-66KRVP
Approval Date: 2004-11-15
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: 954194 Ontario Inc.
Address: Cleroux Street
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/9113-66JT6L-14.pdf>
PDF Site Location:

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

Site: E.B. EDDY FOREST PRODUCTS LTD. 14-802
LOT 10, CONC. 3, CAMP 12 F.OP SITE IVY TWP., C/O 1335 CARLING AVE. OTTAWA ON K1Z 8N8

Database:
GEN

Generator No: ON0009805
SIC Code: 2599
SIC Description: OTHER WOOD IND.
Approval Years: 94,95,96
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

Site: E.B. EDDY FOREST PRODUCTS LTD.
LOT 10, CONC. 3, CAMP 12 F.OP SITE IVY TWP., C/O 1335 CARLING AVE. OTTAWA ON K1Z 8N8

Database:
GEN

Generator No: ON0009805
SIC Code: 2599
SIC Description: OTHER WOOD IND.
Approval Years: 90
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

Site: Pierces Corners Landfill The Corporation of the Township of Rideau City of
Ottawa Part of Lot 11, Concession 3 Ottawa ON

Database:
LIMO

ECA/Instrument No: A461201
Oper Status 2016: Closed
C of A Issue Date:
C of A Issued to:
Lndfl Gas Mgmt (P):
Lndfl Gas Mgmt (F):
Lndfl Gas Mgmt (E):
Lndfl Gas Mgmt Sys:
Landfill Gas Mntr:
Leachate Coll Sys:
ERC Est Vol (m3):
ERC Volume Unit:
ERC Dt Last Det:

Natural Attenuation:
Liners:
Cover Material:
Leachate Off-Site:
Leachate On Site:
Req Coll Lndfl Gas:
Lndfl Gas Coll:
Total Waste Rec:
TWR Methodology:
TWR Unit:
Tot Aprv Cap Unit:
Financial Assurance:
Last Report Year:

Landfill Type:
Source File Type:
Fill Rate:
Fill Rate Unit:
Tot Fill Area (ha):
Tot Site Area (ha):
Footprint:
Tot Apprv Cap (m3):
Contam Atten Zone:
Grndwtr Mntr:
Surf Wtr Mntr:
Air Emis Monitor:
Approved Waste Type:
Client Site Name:
ERC Methodology:

Pierces Corners Landfill
The Corporation of the Township of Rideau
City of Ottawa

MOE Region:
MOE District:
Site County:
Lot:
Concession:
Latitude:
Longitude:
Easting:
Northing:
UTM Zone:
Data Source:

Site Location Details:
Service Area:
Page URL:

Site: Lot 10 Concession 3 Ottawa ON

Database:
[LIMO](#)

ECA/Instrument No: X9015
Oper Status 2016: Historic
C of A Issue Date:
C of A Issued to:
Lndfl Gas Mgmt (P):
Lndfl Gas Mgmt (F):
Lndfl Gas Mgmt (E):
Lndfl Gas Mgmt Sys:
Landfill Gas Mntr:
Leachate Coll Sys:
ERC Est Vol (m3):
ERC Volume Unit:
ERC Dt Last Det:
Landfill Type:
Source File Type: Historic and Closed Landfills
Fill Rate:
Fill Rate Unit:
Tot Fill Area (ha):
Tot Site Area (ha):
Footprint:
Tot Apprv Cap (m3):
Contam Atten Zone:
Grndwtr Mntr:
Surf Wtr Mntr:
Air Emis Monitor:
Approved Waste Type:
Client Site Name:
ERC Methodology:
Site Name:
Site Location Details: Lot 10 Concession 3
Ottawa
Service Area:
Page URL:

Natural Attenuation:
Liners:
Cover Material:
Leachate Off-Site:
Leachate On Site:
Req Coll Lndfl Gas:
Lndfl Gas Coll:
Total Waste Rec:
TWR Methodology:
TWR Unit:
Tot Aprv Cap Unit:
Financial Assurance:
Last Report Year:
MOE Region:
MOE District:
Site County:
Lot:
Concession:
Latitude:
Longitude:
Easting:
Northing:
UTM Zone:
Data Source:

Site: Mattamy (Half Moon Bay) Limited
Lot 11, 12, Concession 3, Ottawa, City CITY OF OTTAWA ON

Database:
[PTTW](#)

EBR Registry No: 010-5959
Ministry Ref No: 8783-7PCUC4
Notice Type: Instrument Decision
Notice Stage:
Notice Date: June 26, 2009

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:

Proposal Date: February 20, 2009
Year: 2009
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Mattamy (Half Moon Bay) Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 123 Huntmar Drive, Ottawa Ontario, Canada K2S 1B9
Comment Period:
URL:

Site Location Map:

Site Location Details:

Lot 11, 12, Concession 3, Ottawa, City CITY OF OTTAWA

Site: UNKNOWN
 GREEN CREEK @ INNES RD. GLOUCESTER CITY ON

Database:
 SPL

<p> Ref No: 133852 Site No: Incident Dt: 11/4/1996 Year: Incident Cause: UNKNOWN Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: POSSIBLE Nature of Impact: Water course or lake Receiving Medium: WATER Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 11/4/1996 Dt Document Closed: Incident Reason: UNKNOWN Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: UNKNOWN SOURCE OF UNK QUANTITY OF UNK OIL IN CREEK Contaminant Qty: </p>	<p> Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20105 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type: </p>
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Site: EAST OF INTERSECT. OF BLACKBURN BYPASS & OLD INNES RD. \ GLOUCESTER CITY ON

Database:
 SPL

<p> Ref No: 140622 Site No: Incident Dt: 5/11/1997 Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: </p>	<p> Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20105 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: </p>
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MOE Reported Dt: 5/11/1997
Dt Document Closed:
Incident Reason:
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

Site Map Datum:
SAC Action Class:
Source Type:

Site: Unknown<UNOFFICIAL>
Innes Rd Eastbound at Blair Ottawa ON

Database:
SPL

Ref No: 2061-8MDRQW
Site No:
Incident Dt: 10/6/2011
Year:
Incident Cause:
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/6/2011
Dt Document Closed: 11/22/2011
Incident Reason:
Site Name: MVA Site: Ottawa Roads<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: MVA: diesel on road.
Contaminant Qty:

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

Site: Enbridge Gas Distribution Inc.
on corner Orient Park and Kelven Cres, Orleans Ottawa ON

Database:
SPL

Ref No: 3446-B8JL9A
Site No: NA
Incident Dt: 2019/01/17
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1: n/a
Contaminant UN No 1: 1075
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Air
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2019/01/18
Dt Document Closed: 2019/03/08
Incident Reason: Operator/Human Error
Site Name: residential <UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TSSA FSB: 2 inch PE gas main IP dmge, made safe

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type: Corporation
Sector Type: Miscellaneous Communal
Agency Involved:
Nearest Watercourse:
Site Address: on corner Orient Park and Kelven Cres,
Orleans
Ottawa
Site District Office:
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel
Release/Spill
Pipeline/Components
Source Type:

Contaminant Qty: 0 n/a

Site: City of Ottawa
Innes Road just east of 10 th Line <UNOFFICIAL> Ottawa ON

Database:
SPL

Ref No:	3320-6C9JY7	Discharger Report:	0
Site No:		Material Group:	Chemical
Incident Dt:	5/10/2005	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Valve / Fitting Leak Or Failure	Sector Type:	Other Motor Vehicle
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:	ANTI-FREEZE	Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	5/10/2005	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Spill to Land
Incident Reason:	Equipment Failure - Malfunction of system components	Source Type:	
Site Name:	Innes Road just east of 10 th Line <UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	City bus, 10 L antifreeze to ground, cleaning		
Contaminant Qty:			

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-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999-Sep 30, 2021

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 2019

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: May 31, 2021

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-Sep 30, 2021

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 -Nov 2021

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Jul 2021

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 - Jan 31, 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: May 31, 2021

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011- Jan 31, 2021

Environmental Registry:

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - Jan 31, 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- Jan 31, 2021

Environmental Effects Monitoring:

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Nov 30, 2021

Environmental Issues Inventory System:

Federal [EIIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial **EPAR**

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

List of Expired Fuels Safety Facilities:

Provincial **EXP**

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

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

Government Publication Date: May 31, 2020

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Nov 2021

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial **FST**

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

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

Government Publication Date: May 31, 2021

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-Nov 30, 2021

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents:

Provincial

[HINC](#)

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

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

Government Publication Date: May 31, 2021

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

[MINE](#)

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

[MNR](#)

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

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES):

Federal

[NATE](#)

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

[NCPL](#)

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

Government Publication Date: Dec 31, 2020

National Defense & Canadian Forces Fuel Tanks:

Federal

[NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

[NDSP](#)

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

[NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

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

Government Publication Date: 1988-Nov 30, 2021

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Government Publication Date: 1800-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 - Jan 31, 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- Jan 31, 2021

Pipeline Incidents:

Provincial PINC

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

Government Publication Date: May 31, 2021

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994 - Jan 31, 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-Jan 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-Sep 30, 2021

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; Feb 2021-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, 2019

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: May 31, 2021

Waste Disposal Sites - MOE CA Inventory:

Provincial [WDS](#)

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

Government Publication Date: Oct 2011- Jan 31, 2021

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial [WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial [WWIS](#)

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

Government Publication Date: Sep 30, 2021

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

POSITION

Intermediate Environmental Engineer

EDUCATION

Carleton University
M.A.Sc., Environmental Engineering, 2013
B.Eng., Environmental Engineering, 2008

MEMBERSHIPS & AWARDS

Ontario Professional Engineers Association (EIT)
NSERC Industry R&D Scholarship

EXPERIENCE

2018 – Present

Paterson Group Inc.

Consulting Engineers
Geotechnical and Environmental Division
Environmental Engineer

2014 – 2015

Thurber Engineering Limited

Oil Sand Tailings Group
Tailings Engineer

2009 – 2014

Carleton University

Department of Civil & Environmental Engineering
Research Engineer, Research Assistant & Teaching Assistant

2008 – 2009

SLR Consulting Limited

Contaminated Sites
Junior Environmental Engineer

SELECTED LIST OF PROJECTS

Phase I & II Environmental Site Assessments – NRC, Kingston
Remediation – National Capital Region, Saskatchewan
Multi-lift and dry-stacking pilot programs – Northern Alberta
Polymer amended oil sand tailings – Northern Alberta
Hydraulic cut-off wall – Allen, Saskatchewan
Cemented paste backfill systems – Northern Ontario

Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Services

POSITION

Associate and Supervisor of the Environmental Division
Senior Environmental/Geotechnical Engineer

EDUCATION

Queen's University, B.A.Sc.Eng, 1991
Geotechnical / Geological Engineering

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

EXPERIENCE

1991 to Present

Paterson Group Inc.

Associate and Senior Environmental/Geotechnical Engineer
Environmental and Geotechnical Division
Supervisor of the Environmental Division

SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island
Agricultural Supply Facilities - Eastern Ontario
Laboratory Facility – Edmonton (Alberta)
Ottawa International Airport - Contaminant Migration Study - Ottawa
Richmond Road Reconstruction - Ottawa
Billings Hurdman Interconnect - Ottawa
Bank Street Reconstruction - Ottawa
Environmental Review – Various Laboratories across Canada - CFIA
Dwyer Hill Training Centre – Ottawa
Nortel Networks Environmental Monitoring - Carling Campus – Ottawa
Remediation Program - Block D Lands – Kingston
Investigation of former landfill sites – City of Ottawa
Record of Site Condition for Railway Lands – North Bay
Commercial Properties – Guelph and Brampton
Brownfields Remediation – Alcan Site - Kingston
Montreal Road Reconstruction - Ottawa
Appleford Street Residential Development - Ottawa
Remediation Program - Ottawa Train Yards
Remediation Program - Bayshore and Heron Gate
Gladstone Avenue Reconstruction – Ottawa
Somerset Avenue West Reconstruction - Ottawa